



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |                                                                                                                                                                                                                                                                                                         |        |              |         | ESTIMACION                                        |                                                                 |       | 2 (DOS) |         |         |      |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------|---------|---------------------------------------------------|-----------------------------------------------------------------|-------|---------|---------|---------|------|
| MUNICIPIO:                 | RIO BLANCO VER.                                                                                                                                                                                                                                                                                         |        |              |         | CONTRATISTA:                                      | JOSÉ LUIS GÁMEZ MARTÍNEZ                                        |       |         |         |         |      |
| FONDO:                     | FISM-DF 2020                                                                                                                                                                                                                                                                                            |        |              |         | DOMICILIO:                                        | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUILTL |       |         |         |         |      |
| No. DE OBRA:               | 2020301380007                                                                                                                                                                                                                                                                                           |        |              |         | PERIODO DE LA ESTIMACIÓN                          |                                                                 |       |         |         |         |      |
| DESCRIPCIÓN:               | CONSTRUCCIÓN DE PAVIMENTACIÓN EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                                                                                                                                                                    |        |              |         | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |                                                                 |       |         |         |         |      |
| LOCALIDAD:                 | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                                                                                                                                                                     |        |              |         | FECHA DE ELABORACIÓN:                             |                                                                 |       |         |         |         |      |
| No. DE CONTRATO:           | CLURIOBVZ/OP/2020/015                                                                                                                                                                                                                                                                                   |        |              |         | 14 DE DICIEMBRE DE 2020                           |                                                                 |       |         |         |         |      |
| CLAVE                      | CONCEPTO                                                                                                                                                                                                                                                                                                | UNIDAD | LOCALIZACIÓN |         | LARGO PROM.                                       | ANCHO PROM.                                                     | ALTO  | PZAS    | PARCIAL | TOTALES |      |
| GUARNICIONES Y BANQUETAS   |                                                                                                                                                                                                                                                                                                         |        |              |         |                                                   |                                                                 |       |         |         |         |      |
| BA-01                      | CONSTRUCCIÓN DE BANQUETA DE 8 CMS DE ESPESOR DE CONCRETO HECHO EN OBRA FC= 150 KG/CM2, AGREGADO MÁXIMO DE 3/4", ACABADO ESCOBILLADO, INCLUYE: TRAZO, NIVELACIÓN, AFINE, PREPARACIÓN DE LA SUPERFICIE, CIMBRA EN FRONTERAS, COLADO, CURADO, DESCIMBRADO, MATERIALES, MANO DE OBRA, EQUIPO Y HERRAMIENTA. | M2     | KM           | ANCHO 1 | KM                                                | ANCHO 2                                                         |       |         |         |         |      |
|                            |                                                                                                                                                                                                                                                                                                         |        | 0+040        | 0.90    | 0+050                                             | 0.89                                                            | 10.00 | 0.90    |         |         | 9.00 |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+050   | 0.89                                              | 0+060                                                           | 0.91  | 10.00   | 0.90    | 9.00    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+060   | 0.91                                              | 0+070                                                           | 1.02  | 10.00   | 0.97    | 9.70    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+070   | 1.02                                              | 0+080                                                           | 0.90  | 10.00   | 0.96    | 9.60    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+080   | 0.90                                              | 0+090                                                           | 0.89  | 10.00   | 0.90    | 9.00    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+090   | 0.89                                              | 0+100                                                           | 0.82  | 10.00   | 0.86    | 8.60    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+100   | 0.82                                              | 0+110                                                           | 0.84  | 10.00   | 0.83    | 8.30    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+110   | 0.84                                              | 0+120                                                           | 1.06  | 10.00   | 0.95    | 9.50    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+120   | 1.06                                              | 0+130                                                           | 1.05  | 10.00   | 1.06    | 10.60   |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+130   | 1.05                                              | 0+140                                                           | 1.07  | 10.00   | 1.06    | 10.60   |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+140   | 1.07                                              | 0+150                                                           | 1.12  | 10.00   | 1.10    | 11.00   |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+150   | 1.12                                              | 0+160                                                           | 0.89  | 10.00   | 1.01    | 10.10   |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+160   | 0.89                                              | 0+170                                                           | 0.88  | 10.00   | 0.89    | 8.90    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+170   | 0.88                                              | 0+180                                                           | 0.84  | 10.00   | 0.86    | 8.60    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+180   | 0.84                                              | 0+190                                                           | 0.87  | 10.00   | 0.86    | 8.60    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+190   | 0.87                                              | 0+200                                                           | 0.89  | 10.00   | 0.88    | 8.80    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+200   | 0.89                                              | 0+210                                                           | 0.95  | 10.00   | 0.92    | 9.20    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+210   | 0.95                                              | 0+220                                                           | 0.79  | 10.00   | 0.87    | 8.70    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+220   | 0.79                                              | 0+230                                                           | 0.84  | 10.00   | 0.82    | 8.20    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+230   | 0.84                                              | 0+240                                                           | 0.90  | 10.00   | 0.87    | 8.70    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+240   | 0.90                                              | 0+250                                                           | 0.97  | 10.00   | 0.94    | 9.40    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+250   | 0.97                                              | 0+260                                                           | 1.09  | 10.00   | 1.03    | 10.30   |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+260   | 1.09                                              | 0+270                                                           | 0.95  | 10.00   | 1.02    | 10.20   |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+270   | 0.95                                              | 0+280                                                           | 0.90  | 10.00   | 0.93    | 9.30    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+280   | 0.90                                              | 0+290                                                           | 0.82  | 10.00   | 0.86    | 8.60    |      |
|                            |                                                                                                                                                                                                                                                                                                         |        |              | 0+290   | 0.82                                              | 0+300                                                           | 0.96  | 10.00   | 0.90    | 9.00    |      |

ELABORO  
JOSE LUIS GAMEZ MARTINEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
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## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                          |        |              |      |          |      |          |      |       | ESTIMACION                                                                                                                                                                                          |       |      |      | 2 (DOS) |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------|------|----------|------|----------|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|---------|---------|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                                                                                                                                                                                                                                                                          |        |              |      |          |      |          |      |       | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ<br>DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUITL<br>PERIODO DE LA ESTIMACIÓN<br>16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |       |      |      |         |         |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CLJRI0BVZ/OP/2020/015                                                                                                                                             |                                                                                                                                                                                                                                                                                                          |        |              |      |          |      |          |      |       | FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020                                                                                                                                                    |       |      |      |         |         |
| CLAVE                                                                                                                                                                                                                                | CONCEPTO                                                                                                                                                                                                                                                                                                 | UNIDAD | LOCALIZACIÓN |      |          |      |          |      |       | OPERACIONES                                                                                                                                                                                         |       |      |      |         |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | DE           |      | A        |      |          |      |       | LARGO                                                                                                                                                                                               | ANCHO | ALTO | PZAS | PARCIAL | TOTALES |
| BA-01                                                                                                                                                                                                                                | CONSTRUCCIÓN DE BANQUETA DE 8 CMS DE ESPESOR DE CONCRETO HECHO EN OBRA F'C= 150 KG/CM2, AGREGADO MÁXIMO DE 3/4", ACABADO ESCOBILLADO, INCLUYE: TRAZO, NIVELACIÓN, AFINE, PREPARACIÓN DE LA SUPERFICIE, CIMBRA EN FRONTERAS, COLADO, CURADO, DESCIMBRADO, MATERIALES, MANO DE OBRA, EQUIPO Y HERRAMIENTA. | M2     | 0+300        | 0.98 | 0+310    | 0.98 | 0+320    | 0.81 | 10.00 |                                                                                                                                                                                                     |       |      |      |         |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+310        | 0.98 | 0+320    | 0.81 | 0+330    | 0.83 | 10.00 | 0.90                                                                                                                                                                                                |       |      |      | 9.00    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+320        | 0.81 | 0+330    | 0.83 | 0+340    | 0.86 | 10.00 | 0.82                                                                                                                                                                                                |       |      |      | 8.20    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+330        | 0.83 | 0+340    | 0.86 | 0+350    | 0.85 | 10.00 | 0.85                                                                                                                                                                                                |       |      |      | 8.50    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+340        | 0.86 | 0+350    | 0.85 | 0+360    | 0.87 | 10.00 | 0.86                                                                                                                                                                                                |       |      |      | 8.60    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+350        | 0.85 | 0+360    | 0.87 | 0+370    | 0.84 | 10.00 | 0.86                                                                                                                                                                                                |       |      |      | 8.60    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+360        | 0.87 | 0+370    | 0.84 | 0+380    | 0.95 | 10.00 | 0.86                                                                                                                                                                                                |       |      |      | 8.60    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+370        | 0.84 | 0+380    | 0.95 | 0+390    | 1.01 | 10.00 | 0.90                                                                                                                                                                                                |       |      |      | 9.00    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+380        | 0.95 | 0+390    | 1.01 | 0+393    | 1.00 | 10.00 | 0.98                                                                                                                                                                                                |       |      |      | 9.80    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+390        | 1.01 | 0+393    | 1.00 | 0+400    | 0.88 | 3.00  | 1.01                                                                                                                                                                                                |       |      |      | 3.03    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+399.60     | 0.90 | 0+400    | 0.88 | 0+410    | 0.85 | 0.40  | 0.89                                                                                                                                                                                                |       |      |      | 0.36    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+400        | 0.88 | 0+410    | 0.85 | 0+420    | 1.03 | 10.00 | 0.87                                                                                                                                                                                                |       |      |      | 8.70    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+410        | 0.85 | 0+420    | 1.03 | 0+430    | 0.81 | 10.00 | 0.94                                                                                                                                                                                                |       |      |      | 9.40    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+420        | 1.03 | 0+430    | 0.81 | 0+431.10 | 0.81 | 1.10  | 0.92                                                                                                                                                                                                |       |      |      | 9.20    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+430        | 0.81 | 0+431.10 | 0.81 | 0+440    | 0.85 | 4.60  | 0.81                                                                                                                                                                                                |       |      |      | 0.89    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+435.40     | 0.82 | 0+440    | 0.85 | 0+450    | 0.79 | 10.00 | 0.84                                                                                                                                                                                                |       |      |      | 3.86    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+440        | 0.85 | 0+450    | 0.79 | 0+460    | 0.88 | 10.00 | 0.82                                                                                                                                                                                                |       |      |      | 8.20    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+450        | 0.79 | 0+460    | 0.88 | 0+470    | 0.86 | 10.00 | 0.84                                                                                                                                                                                                |       |      |      | 8.40    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+460        | 0.88 | 0+470    | 0.86 | 0+480    | 0.85 | 10.00 | 0.87                                                                                                                                                                                                |       |      |      | 8.70    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+470        | 0.86 | 0+480    | 0.85 | 0+490    | 0.89 | 10.00 | 0.86                                                                                                                                                                                                |       |      |      | 8.60    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+480        | 0.85 | 0+490    | 0.89 | 0+500    | 0.86 | 10.00 | 0.87                                                                                                                                                                                                |       |      |      | 8.70    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+490        | 0.89 | 0+500    | 0.86 | 0+510    | 0.83 | 10.00 | 0.88                                                                                                                                                                                                |       |      |      | 8.80    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+500        | 0.86 | 0+510    | 0.83 | 0+520    | 0.84 | 10.00 | 0.85                                                                                                                                                                                                |       |      |      | 8.50    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+510        | 0.83 | 0+520    | 0.84 | 0+530    | 0.86 | 10.00 | 0.84                                                                                                                                                                                                |       |      |      | 8.40    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+520        | 0.84 | 0+530    | 0.86 | 0+540    | 0.83 | 10.00 | 0.85                                                                                                                                                                                                |       |      |      | 8.40    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+530        | 0.83 | 0+540    | 0.86 | 0+550    | 0.92 | 10.00 | 0.84                                                                                                                                                                                                |       |      |      | 8.50    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+540        | 0.86 | 0+550    | 0.92 | 0+560    | 0.90 | 10.00 | 0.89                                                                                                                                                                                                |       |      |      | 8.90    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+550        | 0.92 | 0+560    | 0.90 | 0+570    | 0.87 | 10.00 | 0.91                                                                                                                                                                                                |       |      |      | 9.10    |         |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |        | 0+560        | 0.90 | 0+570    | 0.87 |          |      | 10.00 | 0.89                                                                                                                                                                                                |       |      |      | 8.90    |         |

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## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                          |          |              |          |          |       |       |       |             |      |         |         |  | ESTIMACION                                                               |  |  |  | 2 (DOS)                  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------|----------|-------|-------|-------|-------------|------|---------|---------|--|--------------------------------------------------------------------------|--|--|--|--------------------------|--|--|--|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                                                                                                                                                                                                                                                                          |          |              |          |          |       |       |       |             |      |         |         |  | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ                                    |  |  |  |                          |  |  |  |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CL/RI/IOBVZ/OP/2020/015                                                                                                                                           |                                                                                                                                                                                                                                                                                                          |          |              |          |          |       |       |       |             |      |         |         |  | DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL |  |  |  | PERIODO DE LA ESTIMACIÓN |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          |              |          |          |       |       |       |             |      |         |         |  | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020                        |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          |              |          |          |       |       |       |             |      |         |         |  | FECHA DE ELABORACIÓN: 14 DE DICIEMBRE DE 2020                            |  |  |  |                          |  |  |  |
| CLAVE                                                                                                                                                                                                                                | CONCEPTO                                                                                                                                                                                                                                                                                                 | UNIDAD   | LOCALIZACIÓN |          |          |       |       |       | OPERACIONES |      |         |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | DE           |          | A        |       | LARGO | ANCHO | ALTO        | PZAS | PARCIAL | TOTALES |  |                                                                          |  |  |  |                          |  |  |  |
| BA-01                                                                                                                                                                                                                                | CONSTRUCCIÓN DE BANQUETA DE 8 CMS DE ESPESOR DE CONCRETO HECHO EN OBRA F'C= 150 KG/CM2, AGREGADO MÁXIMO DE 3/4", ACABADO ESCOBILLADO. INCLUYE: TRAZO, NIVELACIÓN, AFINE, PREPARACIÓN DE LA SUPERFICIE, CIMBRA EN FRONTERAS, COLADO, CURADO, DESCIMBRADO, MATERIALES, MANO DE OBRA, EQUIPO Y HERRAMIENTA. | M2       | 0+570        | 0.87     | 0+580    | 1.00  | 10.00 | 0.94  |             |      |         | 9.40    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+580        | 1.00     | 0+590    | 1.10  | 10.00 | 1.05  |             |      |         | 10.50   |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+590        | 1.10     | 0+600    | 0.77  | 10.00 | 0.94  |             |      |         | 9.40    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+600        | 0.77     | 0+610    | 1.27  | 10.00 | 1.02  |             |      |         | 10.20   |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+610        | 1.27     | 0+620    | 0.85  | 10.00 | 1.06  |             |      |         | 10.60   |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+620        | 0.85     | 0+630    | 1.09  | 10.00 | 0.97  |             |      |         | 9.70    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+630        | 1.09     | 0+640    | 0.76  | 10.00 | 0.93  |             |      |         | 9.30    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+640        | 0.76     | 0+650    | 0.68  | 10.00 | 0.71  |             |      |         | 7.10    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+650        | 0.68     | 0+660    | 0.78  | 10.00 | 0.72  |             |      |         | 7.20    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          | 0+660        | 0.78     | 0+667.90 | 0.76  | 1.90  | 0.77  |             |      |         | 1.46    |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+667.90 | 0.76         | 0+669    | 0.00     | 2.10  | 0.38  |       | 0.50        |      | 0.40    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+675.60 | 0.80         | 0+676.60 | 0.83     | 1.00  | 0.82  |       |             |      | 0.82    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+676.60 | 0.83         | 0+680    | 0.94     | 3.40  | 0.89  |       |             |      | 3.03    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+680    | 0.94         | 0+690    | 1.14     | 10.00 | 1.04  |       |             |      | 10.40   |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+690    | 1.14         | 0+694.80 | 1.33     | 4.80  | 1.24  |       |             |      | 5.95    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+699.75 | 0.75         | 0+700    | 0.75     | 0.25  | 0.75  |       |             |      | 0.19    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+700    | 0.75         | 0+710    | 0.83     | 10.00 | 0.79  |       |             |      | 7.90    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+710    | 0.83         | 0+720    | 1.15     | 10.00 | 0.99  |       |             |      | 9.90    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+720    | 1.15         | 0+726.30 | 0.93     | 6.30  | 1.04  |       |             |      | 6.55    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+729.60 | 1.21         | 0+730    | 1.21     | 0.40  | 1.21  |       |             |      | 0.48    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+730    | 1.21         | 0+740    | 0.90     | 10.00 | 1.06  |       |             |      | 10.60   |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+740    | 0.90         | 0+750    | 0.92     | 10.00 | 0.91  |       |             |      | 9.10    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+750    | 0.92         | 0+760    | 0.90     | 10.00 | 0.91  |       |             |      | 9.10    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+760    | 0.90         | 0+770    | 0.86     | 10.00 | 0.88  |       |             |      | 8.80    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+770    | 0.86         | 0+780    | 1.00     | 10.00 | 0.93  |       |             |      | 9.30    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+780    | 1.00         | 0+790    | 1.07     | 10.00 | 1.04  |       |             |      | 10.40   |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+790    | 1.07         | 0+800    | 0.97     | 10.00 | 1.02  |       |             |      | 10.20   |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          | 0+800    | 0.97         | 0+806.90 | 0.85     | 6.90  | 0.91  |       |             |      | 6.28    |         |  |                                                                          |  |  |  |                          |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |          |              |          |          |       |       |       |             |      |         | TOTAL   |  | 673.40                                                                   |  |  |  |                          |  |  |  |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS JIMENEZ  
SUPERVISOR DE OBRA

# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS

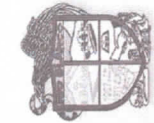


## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                           |  |                                                                                                                                                         |  |        |  |              |  |         |  |    |  |       |  |         |  |       | ESTIMACION                                                                                                                                                                                                                                               |      |  |       | 2 (DOS) |         |  |         |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|--------------|--|---------|--|----|--|-------|--|---------|--|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|-------|---------|---------|--|---------|--|--|--|--|--|--|--|--|--|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |  |                                                                                                                                                         |  |        |  |              |  |         |  |    |  |       |  |         |  |       | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ<br>DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUILTL<br>PERIODO DE LA ESTIMACIÓN<br>16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020<br>FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020 |      |  |       |         |         |  |         |  |  |  |  |  |  |  |  |  |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CLIRIOB/VZ/OP/2020/015                                                                                                                                            |  |                                                                                                                                                         |  |        |  |              |  |         |  |    |  |       |  |         |  |       | OPERACIONES                                                                                                                                                                                                                                              |      |  |       |         |         |  |         |  |  |  |  |  |  |  |  |  |
| CLAVE                                                                                                                                                                                                                                |  | CONCEPTO                                                                                                                                                |  | UNIDAD |  | LOCALIZACIÓN |  |         |  | DE |  | A     |  | LARGO   |  | ANCHO |                                                                                                                                                                                                                                                          | ALTO |  | PZAS  |         | PARCIAL |  | TOTALES |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  |              |  |         |  |    |  |       |  |         |  |       | PAVIMENTACION CON CARPETA ASFALTICA                                                                                                                                                                                                                      |      |  |       |         |         |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | KM           |  | ANCHO 1 |  |    |  | KM    |  | ANCHO 2 |  |       |                                                                                                                                                                                                                                                          | PROM |  |       |         |         |  |         |  |  |  |  |  |  |  |  |  |
| E-01                                                                                                                                                                                                                                 |  | EXCAVACIÓN POR MEDIOS MECÁNICOS PARA ABRIR CAJA HASTA 50 CM. DE PROFUNDIDAD EN MATERIAL TIPO II, INCLUYE: MANO DE OBRA, HERRAMIENTA Y EQUIPO NECESARIO. |  | M3     |  | 0+000        |  | 5.86    |  |    |  | 0+010 |  | 7.05    |  |       |                                                                                                                                                                                                                                                          | 6.46 |  | -0.05 |         |         |  | -3.23   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+010        |  | 7.05    |  |    |  | 0+020 |  | 6.85    |  |       |                                                                                                                                                                                                                                                          | 6.95 |  | -0.05 |         |         |  | -3.48   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+020        |  | 6.85    |  |    |  | 0+030 |  | 6.35    |  |       |                                                                                                                                                                                                                                                          | 6.60 |  | -0.05 |         |         |  | -3.30   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+030        |  | 6.35    |  |    |  | 0+040 |  | 5.76    |  |       |                                                                                                                                                                                                                                                          | 6.06 |  | -0.05 |         |         |  | -3.03   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+040        |  | 5.76    |  |    |  | 0+050 |  | 5.45    |  |       |                                                                                                                                                                                                                                                          | 5.61 |  | -0.05 |         |         |  | -2.81   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+050        |  | 5.45    |  |    |  | 0+060 |  | 5.48    |  |       |                                                                                                                                                                                                                                                          | 5.47 |  | -0.05 |         |         |  | -2.74   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+060        |  | 5.48    |  |    |  | 0+070 |  | 5.48    |  |       |                                                                                                                                                                                                                                                          | 5.48 |  | -0.05 |         |         |  | -2.65   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+070        |  | 5.48    |  |    |  | 0+080 |  | 5.11    |  |       |                                                                                                                                                                                                                                                          | 5.30 |  | -0.05 |         |         |  | -2.56   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+080        |  | 5.11    |  |    |  | 0+090 |  | 5.12    |  |       |                                                                                                                                                                                                                                                          | 5.12 |  | -0.05 |         |         |  | -2.58   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+090        |  | 5.12    |  |    |  | 0+100 |  | 5.18    |  |       |                                                                                                                                                                                                                                                          | 5.15 |  | -0.05 |         |         |  | -2.66   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+100        |  | 5.18    |  |    |  | 0+110 |  | 5.45    |  |       |                                                                                                                                                                                                                                                          | 5.32 |  | -0.05 |         |         |  | -2.79   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+110        |  | 5.45    |  |    |  | 0+120 |  | 5.69    |  |       |                                                                                                                                                                                                                                                          | 5.57 |  | -0.05 |         |         |  | -2.94   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+120        |  | 5.69    |  |    |  | 0+130 |  | 6.04    |  |       |                                                                                                                                                                                                                                                          | 5.87 |  | -0.05 |         |         |  | -3.01   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+130        |  | 6.04    |  |    |  | 0+140 |  | 5.98    |  |       |                                                                                                                                                                                                                                                          | 6.01 |  | -0.05 |         |         |  | -2.98   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+140        |  | 5.98    |  |    |  | 0+150 |  | 5.94    |  |       |                                                                                                                                                                                                                                                          | 5.96 |  | -0.05 |         |         |  | -2.95   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+150        |  | 5.94    |  |    |  | 0+160 |  | 5.86    |  |       |                                                                                                                                                                                                                                                          | 5.90 |  | -0.05 |         |         |  | -2.93   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+160        |  | 5.86    |  |    |  | 0+170 |  | 5.84    |  |       |                                                                                                                                                                                                                                                          | 5.85 |  | -0.05 |         |         |  | -2.98   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+170        |  | 5.84    |  |    |  | 0+180 |  | 6.07    |  |       |                                                                                                                                                                                                                                                          | 5.96 |  | -0.05 |         |         |  | -2.98   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+180        |  | 6.07    |  |    |  | 0+190 |  | 5.82    |  |       |                                                                                                                                                                                                                                                          | 5.95 |  | -0.05 |         |         |  | -2.87   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+190        |  | 5.82    |  |    |  | 0+200 |  | 5.65    |  |       |                                                                                                                                                                                                                                                          | 5.74 |  | -0.05 |         |         |  | -2.83   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+200        |  | 5.65    |  |    |  | 0+210 |  | 5.66    |  |       |                                                                                                                                                                                                                                                          | 5.68 |  | -0.05 |         |         |  | -2.82   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+210        |  | 5.66    |  |    |  | 0+220 |  | 5.62    |  |       |                                                                                                                                                                                                                                                          | 5.64 |  | -0.05 |         |         |  | -2.90   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+220        |  | 5.62    |  |    |  | 0+230 |  | 5.96    |  |       |                                                                                                                                                                                                                                                          | 5.79 |  | -0.05 |         |         |  | -3.02   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+230        |  | 5.96    |  |    |  | 0+240 |  | 6.12    |  |       |                                                                                                                                                                                                                                                          | 6.04 |  | -0.05 |         |         |  | -3.07   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+240        |  | 6.12    |  |    |  | 0+250 |  | 6.13    |  |       |                                                                                                                                                                                                                                                          | 6.13 |  | -0.05 |         |         |  | -3.06   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+250        |  | 6.13    |  |    |  | 0+260 |  | 6.09    |  |       |                                                                                                                                                                                                                                                          | 6.11 |  | -0.05 |         |         |  | -2.97   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+260        |  | 6.09    |  |    |  | 0+270 |  | 5.76    |  |       |                                                                                                                                                                                                                                                          | 5.93 |  | -0.05 |         |         |  | -2.90   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+270        |  | 5.76    |  |    |  | 0+280 |  | 5.84    |  |       |                                                                                                                                                                                                                                                          | 5.80 |  | -0.05 |         |         |  | -2.98   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+280        |  | 5.84    |  |    |  | 0+290 |  | 6.10    |  |       |                                                                                                                                                                                                                                                          | 5.97 |  | -0.05 |         |         |  | -2.99   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+290        |  | 6.10    |  |    |  | 0+300 |  | 5.85    |  |       |                                                                                                                                                                                                                                                          | 5.98 |  | -0.05 |         |         |  | -3.00   |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |  |                                                                                                                                                         |  |        |  | 0+300        |  | 5.85    |  |    |  | 0+310 |  | 6.15    |  |       |                                                                                                                                                                                                                                                          | 6.00 |  | -0.05 |         |         |  | -3.00   |  |  |  |  |  |  |  |  |  |

ELABORO  
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REPRESENTANTE LEGAL

AUTORIZÓ  
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SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| ESTIMACION                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  | 2 (DOS) |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|
| CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL TL                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| PERIODO DE LA ESTIMACIÓN                                                                                                                                |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020                                                                                                       |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FECHA DE ELABORACIÓN:                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 14 DE DICIEMBRE DE 2020                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| OPERACIONES                                                                                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIZACIÓN                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| UNIDAD                                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| M3                                                                                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONCEPTO                                                                                                                                                |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| EXCAVACIÓN POR MEDIOS MECÁNICOS PARA ABRIR CAJA HASTA 50 CM. DE PROFUNDIDAD EN MATERIAL TIPO II, INCLUYE: MANO DE OBRA, HERRAMIENTA Y EQUIPO NECESARIO. |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| E-01                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| RIO BLANCO VER.                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| FISM-DF 2020                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| 2020301380007                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO                    |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLJ/RI0BVZ/OP/2020/015                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| LOCALIDAD:                                                                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| No. DE CONTRATO:                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
| CLAVE                                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |
|                                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |         |  |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



H. AYUNTAMIENTO DE RIO BLANCO, VER.  
2018 – 2021  
DIRECCIÓN DE OBRAS PUBLICAS



NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                           |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | ESTIMACION       |       |         |  | 2 (DOS) |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------|------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------|-------|---------|---------|------------------|-------|---------|--|---------|--|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                                                                                                                          |        |                                                                                                        |      |       | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ<br>DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL<br>PERIODO DE LA ESTIMACIÓN<br>16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |       |                      |       |         |         |                  |       |         |  |         |  |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CLURIOBVI/OP/2020015                                                                                                                                              |                                                                                                                                                          |        |                                                                                                        |      |       | FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020                                                                                                                                                   |       |                      |       |         |         |                  |       |         |  |         |  |
| CLAVE                                                                                                                                                                                                                                | CONCEPTO                                                                                                                                                 | UNIDAD | LOCALIZACIÓN                                                                                           |      |       |                                                                                                                                                                                                    | LARGO | ANCHO                | ALTO  | PZAS    | PARCIAL | TOTALES          |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | DE                                                                                                     | A    |       |                                                                                                                                                                                                    |       |                      |       |         |         |                  |       |         |  |         |  |
| E-01                                                                                                                                                                                                                                 | EXCAVACIÓN POR MEDIOS MECÁNICOS PARA ABRIR CAJA HASTA 50 CM. DE PROFUNDIDAD EN MATERIAL TIPO II, INCLUYE: IMANO DE OBRA, HERRAMIENTA Y EQUIPO NECESARIO. | M3     | 0+610                                                                                                  | 5.75 | 0+620 | 6.20                                                                                                                                                                                               | 10.00 | 5.98                 | -0.05 |         | -2.98   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+620                                                                                                  | 6.20 | 0+630 | 6.55                                                                                                                                                                                               | 10.00 | 6.38                 | -0.05 |         | -3.19   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+630                                                                                                  | 6.55 | 0+640 | 8.16                                                                                                                                                                                               | 10.00 | 7.36                 | -0.05 |         | -3.68   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+640                                                                                                  | 8.16 | 0+650 | 7.90                                                                                                                                                                                               | 10.00 | 8.03                 | -0.05 |         | -4.02   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+650                                                                                                  | 7.90 | 0+660 | 7.77                                                                                                                                                                                               | 10.00 | 7.84                 | -0.05 |         | -3.92   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+660                                                                                                  | 7.77 | 0+670 | 6.69                                                                                                                                                                                               | 10.00 | 7.23                 | -0.05 |         | -3.62   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+670                                                                                                  | 6.69 | 0+680 | 5.37                                                                                                                                                                                               | 10.00 | 6.03                 | -0.05 |         | -3.02   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+680                                                                                                  | 5.37 | 0+690 | 5.28                                                                                                                                                                                               | 10.00 | 5.33                 | -0.05 |         | -2.67   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+690                                                                                                  | 5.28 | 0+700 | 5.19                                                                                                                                                                                               | 10.00 | 5.24                 | -0.05 |         | -2.62   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+700                                                                                                  | 5.19 | 0+710 | 5.62                                                                                                                                                                                               | 10.00 | 5.41                 | -0.05 |         | -2.71   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+710                                                                                                  | 5.62 | 0+720 | 5.56                                                                                                                                                                                               | 10.00 | 5.59                 | -0.05 |         | -2.80   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+720                                                                                                  | 5.56 | 0+730 | 5.23                                                                                                                                                                                               | 10.00 | 5.40                 | -0.05 |         | -2.70   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+730                                                                                                  | 5.23 | 0+740 | 5.40                                                                                                                                                                                               | 10.00 | 5.32                 | -0.05 |         | -2.66   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+740                                                                                                  | 5.40 | 0+750 | 5.40                                                                                                                                                                                               | 10.00 | 5.40                 | -0.05 |         | -2.70   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+750                                                                                                  | 5.40 | 0+760 | 5.28                                                                                                                                                                                               | 10.00 | 5.34                 | -0.05 |         | -2.67   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          | A-01   | CARGA CON MAQUINARIA Y ACARREO EN CAMIÓN 1ER. KILOMETRO, DE MATERIAL MIXTO EN CAMINO PLANO PAVIMENTADO | M3   | 0+760 | 5.28                                                                                                                                                                                               | 0+770 | 5.59                 | 10.00 | 5.44    | -0.05   |                  | -2.72 |         |  |         |  |
|                                                                                                                                                                                                                                      | 0+770                                                                                                                                                    |        |                                                                                                        | 5.59 | 0+780 | 5.43                                                                                                                                                                                               | 10.00 | 5.51                 | -0.05 |         | -2.76   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      | 0+780                                                                                                                                                    |        |                                                                                                        | 5.43 | 0+790 | 5.43                                                                                                                                                                                               | 10.00 | 5.43                 | -0.05 |         | -2.72   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      | 0+790                                                                                                                                                    |        |                                                                                                        | 5.43 | 0+800 | 5.55                                                                                                                                                                                               | 10.00 | 5.49                 | -0.05 |         | -2.75   |                  |       |         |  |         |  |
| A-02                                                                                                                                                                                                                                 | ACARREO EN CAMIÓN KILOMETRO SUBSECUENTE, DE MATERIAL MIXTO EN CAMINO PLANO PAVIMENTADO                                                                   |        | 0+800                                                                                                  | 5.55 | 0+804 | 5.58                                                                                                                                                                                               | 4.00  | 5.57                 | -0.05 |         | -1.11   |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        | 0+804                                                                                                  | 5.58 | 0+810 | 5.53                                                                                                                                                                                               | 6.00  | 5.56                 | 0.15  |         | 5.00    |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       | TOTAL                |       | -232.07 |         |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       | VOL. DE EXCAVACIONES |       | -69.82  |         |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | 30% Abundamiento |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         |                  |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | TOTAL            |       | -301.69 |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | 1.00             |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | KM               |       |         |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | TOTAL            |       | -301.69 |  |         |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                          |        |                                                                                                        |      |       |                                                                                                                                                                                                    |       |                      |       |         |         | TOTAL            |       | -301.69 |  |         |  |

ELABORO  
JOSE LUIS GAMEZ MARTINEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      |              |      |         |       |       |             | ESTIMACION               |         | 2 (DOS) |                                                               |  |
|----------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|------|---------|-------|-------|-------------|--------------------------|---------|---------|---------------------------------------------------------------|--|
| MUNICIPIO:                 |  |                                                                                                                                                                                                                                                                                                                                            | RIO BLANCO VER.                                                                                                                      |              |      |         |       |       |             | CONTRATISTA:             |         |         | JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |  |
| FONDO:                     |  |                                                                                                                                                                                                                                                                                                                                            | FISM-DF 2020                                                                                                                         |              |      |         |       |       |             | DOMICILIO:               |         |         | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 XTACZOQUITL |  |
| No. DE OBRA:               |  |                                                                                                                                                                                                                                                                                                                                            | 2020301380007                                                                                                                        |              |      |         |       |       |             | PERIODO DE LA ESTIMACIÓN |         |         |                                                               |  |
| DESCRIPCIÓN:               |  |                                                                                                                                                                                                                                                                                                                                            | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |              |      |         |       |       |             |                          |         |         | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020             |  |
| LOCALIDAD:                 |  |                                                                                                                                                                                                                                                                                                                                            | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |              |      |         |       |       |             | FECHA DE ELABORACIÓN:    |         |         |                                                               |  |
| No. DE CONTRATO:           |  |                                                                                                                                                                                                                                                                                                                                            | CL/RIOBVZ/OP/2020015                                                                                                                 |              |      |         |       |       |             | 14 DE DICIEMBRE DE 2020  |         |         |                                                               |  |
| CLAVE                      |  | CONCEPTO                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                      | LOCALIZACIÓN |      |         |       |       | OPERACIONES |                          |         |         | TOTALES                                                       |  |
|                            |  | UNIDAD                                                                                                                                                                                                                                                                                                                                     | DE                                                                                                                                   |              | A    |         | LARGO | ANCHO | ALTO        | PZAS                     | PARCIAL |         |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            | KM                                                                                                                                   | ANCHO 1      | KM   | ANCHO 2 |       |       |             |                          |         |         |                                                               |  |
| PAV-BASE                   |  | SUMINISTRO Y COLOCACIÓN DE BASE HIDRÁULICA 70 - 30 % (GRAVA 1 1/2" - CEMENTANTE) COMPACTADA AL 95% DE SU P.V.S.M. INCLUYE: ACARREO, COLOCACIÓN, CONSUMOS, MANO DE OBRA, MAQUINARIA, RECTIFICACION DE NIVELES, PERSONAL TÉCNICO CALIFICADO, HERRAMIENTA, MATERIALES, EQUIPO Y TODO LO NECESARIO PARA LA CORRECTA EJECUCIÓN DE LOS TRABAJOS. |                                                                                                                                      |              |      |         |       |       |             |                          |         |         |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            | M3                                                                                                                                   | 0+000        | 5.86 | 0+010   | 7.05  | 10.00 | 6.46        | -0.05                    |         | -3.23   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+010        | 7.05 | 0+020   | 6.85  | 10.00 | 6.95        | -0.05                    |         | -3.48   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+020        | 6.85 | 0+030   | 6.35  | 10.00 | 6.60        | -0.05                    |         | -3.30   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+030        | 6.35 | 0+040   | 5.76  | 10.00 | 6.06        | -0.05                    |         | -3.03   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+040        | 5.76 | 0+050   | 5.45  | 10.00 | 5.61        | -0.05                    |         | -2.81   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+050        | 5.45 | 0+060   | 5.48  | 10.00 | 5.47        | -0.05                    |         | -2.74   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+060        | 5.48 | 0+070   | 5.48  | 10.00 | 5.48        | -0.05                    |         | -2.74   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+070        | 5.48 | 0+080   | 5.11  | 10.00 | 5.30        | -0.05                    |         | -2.65   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+080        | 5.11 | 0+090   | 5.12  | 10.00 | 5.12        | -0.05                    |         | -2.56   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+090        | 5.12 | 0+100   | 5.18  | 10.00 | 5.15        | -0.05                    |         | -2.58   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+100        | 5.18 | 0+110   | 5.45  | 10.00 | 5.32        | -0.05                    |         | -2.66   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+110        | 5.45 | 0+120   | 5.69  | 10.00 | 5.57        | -0.05                    |         | -2.79   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+120        | 5.69 | 0+130   | 6.04  | 10.00 | 5.87        | -0.05                    |         | -2.94   |                                                               |  |
|                            |  |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+130        | 6.04 | 0+140   | 5.98  | 10.00 | 6.01        | -0.05                    |         | -3.01   |                                                               |  |
|                            |  | 0+140                                                                                                                                                                                                                                                                                                                                      | 5.98                                                                                                                                 | 0+150        | 5.94 | 10.00   | 5.96  | -0.05 |             | -2.98                    |         |         |                                                               |  |
|                            |  | 0+150                                                                                                                                                                                                                                                                                                                                      | 5.94                                                                                                                                 | 0+160        | 5.86 | 10.00   | 5.90  | -0.05 |             | -2.95                    |         |         |                                                               |  |
|                            |  | 0+160                                                                                                                                                                                                                                                                                                                                      | 5.86                                                                                                                                 | 0+170        | 5.84 | 10.00   | 5.85  | -0.05 |             | -2.93                    |         |         |                                                               |  |
|                            |  | 0+170                                                                                                                                                                                                                                                                                                                                      | 5.84                                                                                                                                 | 0+180        | 6.07 | 10.00   | 5.96  | -0.05 |             | -2.98                    |         |         |                                                               |  |
|                            |  | 0+180                                                                                                                                                                                                                                                                                                                                      | 6.07                                                                                                                                 | 0+190        | 5.82 | 10.00   | 5.95  | -0.05 |             | -2.98                    |         |         |                                                               |  |
|                            |  | 0+190                                                                                                                                                                                                                                                                                                                                      | 5.82                                                                                                                                 | 0+200        | 5.65 | 10.00   | 5.74  | -0.05 |             | -2.87                    |         |         |                                                               |  |
|                            |  | 0+200                                                                                                                                                                                                                                                                                                                                      | 5.65                                                                                                                                 | 0+210        | 5.66 | 10.00   | 5.66  | -0.05 |             | -2.83                    |         |         |                                                               |  |
|                            |  | 0+210                                                                                                                                                                                                                                                                                                                                      | 5.66                                                                                                                                 | 0+220        | 5.62 | 10.00   | 5.64  | -0.05 |             | -2.82                    |         |         |                                                               |  |
|                            |  | 0+220                                                                                                                                                                                                                                                                                                                                      | 5.62                                                                                                                                 | 0+230        | 5.96 | 10.00   | 5.79  | -0.05 |             | -2.90                    |         |         |                                                               |  |
|                            |  | 0+230                                                                                                                                                                                                                                                                                                                                      | 5.96                                                                                                                                 | 0+240        | 6.12 | 10.00   | 6.04  | -0.05 |             | -3.02                    |         |         |                                                               |  |
|                            |  | 0+240                                                                                                                                                                                                                                                                                                                                      | 6.12                                                                                                                                 | 0+250        | 6.13 | 10.00   | 6.13  | -0.05 |             | -3.07                    |         |         |                                                               |  |
|                            |  | 0+250                                                                                                                                                                                                                                                                                                                                      | 6.13                                                                                                                                 | 0+260        | 6.09 | 10.00   | 6.11  | -0.05 |             | -3.06                    |         |         |                                                               |  |
|                            |  | 0+260                                                                                                                                                                                                                                                                                                                                      | 6.09                                                                                                                                 | 0+270        | 5.76 | 10.00   | 5.93  | -0.05 |             | -2.97                    |         |         |                                                               |  |
|                            |  | 0+270                                                                                                                                                                                                                                                                                                                                      | 5.76                                                                                                                                 | 0+280        | 5.84 | 10.00   | 5.80  | -0.05 |             | -2.90                    |         |         |                                                               |  |
|                            |  | 0+280                                                                                                                                                                                                                                                                                                                                      | 5.84                                                                                                                                 | 0+290        | 6.10 | 10.00   | 5.97  | -0.05 |             | -2.99                    |         |         |                                                               |  |
|                            |  | 0+290                                                                                                                                                                                                                                                                                                                                      | 6.10                                                                                                                                 | 0+300        | 5.85 | 10.00   | 5.98  | -0.05 |             | -2.99                    |         |         |                                                               |  |
|                            |  | 0+300                                                                                                                                                                                                                                                                                                                                      | 5.85                                                                                                                                 | 0+310        | 6.15 | 10.00   | 6.00  | -0.05 |             | -3.00                    |         |         |                                                               |  |
|                            |  | 0+310                                                                                                                                                                                                                                                                                                                                      | 6.15                                                                                                                                 | 0+320        | 6.33 | 10.00   | 6.24  | -0.05 |             | -3.12                    |         |         |                                                               |  |
|                            |  | 0+320                                                                                                                                                                                                                                                                                                                                      | 6.33                                                                                                                                 | 0+330        | 5.41 | 10.00   | 5.87  | -0.05 |             | -2.94                    |         |         |                                                               |  |

ELABORO  
JOSE LUIS GAMEZ MARTINEZ  
REPRESENTANTE LEGAL

AUTORIZO  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      |              |      | ESTIMACION                                        |       |                                                               | 2 (DOS) |       |      |         |         |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|------|---------------------------------------------------|-------|---------------------------------------------------------------|---------|-------|------|---------|---------|
| MUNICIPIO:                 |                                                                                                                                                                                                                                                                                                                                            | RIO BLANCO VER.                                                                                                                      |              |      | CONTRATISTA:                                      |       | JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |         |       |      |         |         |
| FONDO:                     |                                                                                                                                                                                                                                                                                                                                            | FISM-DF 2020                                                                                                                         |              |      | DOMICILIO:                                        |       | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL |         |       |      |         |         |
| No. DE OBRA:               |                                                                                                                                                                                                                                                                                                                                            | 2020301380007                                                                                                                        |              |      | PERIODO DE LA ESTIMACIÓN                          |       |                                                               |         |       |      |         |         |
| DESCRIPCIÓN:               |                                                                                                                                                                                                                                                                                                                                            | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |              |      | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |       |                                                               |         |       |      |         |         |
| LOCALIDAD:                 |                                                                                                                                                                                                                                                                                                                                            | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |              |      | FECHA DE ELABORACIÓN:                             |       | 14 DE DICIEMBRE DE 2020                                       |         |       |      |         |         |
| No. DE CONTRATO:           |                                                                                                                                                                                                                                                                                                                                            | CLURIOBVZ/OP/2020/015                                                                                                                |              |      | OPERACIONES                                       |       |                                                               |         |       |      |         |         |
| CLAVE                      | CONCEPTO                                                                                                                                                                                                                                                                                                                                   | UNIDAD                                                                                                                               | LOCALIZACIÓN |      |                                                   |       | LARGO                                                         | ANCHO   | ALTO  | PZAS | PARCIAL | TOTALES |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | DE           | A    |                                                   |       |                                                               |         |       |      |         |         |
| PAV-BASE                   | SUMINISTRO Y COLOCACIÓN DE BASE HIDRÁULICA 70 - 30 % (GRAVA 1 1/2" - CEMENTANTE) COMPACTADA AL 95% DE SU P.V.S.M. INCLUYE: ACARREO, COLOCACIÓN, CONSUMOS, MANO DE OBRA, MAQUINARIA, RECTIFICACION DE NIVELES, PERSONAL TÉCNICO CALIFICADO, HERRAMIENTA, MATERIALES, EQUIPO Y TODO LO NECESARIO PARA LA CORRECTA EJECUCIÓN DE LOS TRABAJOS. | M3                                                                                                                                   | 0+330        | 5.41 | 0+340                                             | 10.00 | 5.86                                                          | -0.05   | -2.93 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+340        | 6.30 | 0+350                                             | 10.00 | 6.43                                                          | -0.05   | -3.22 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+350        | 6.56 | 0+360                                             | 10.00 | 6.53                                                          | -0.05   | -3.27 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+360        | 6.50 | 0+370                                             | 10.00 | 6.35                                                          | -0.05   | -3.18 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+370        | 6.19 | 0+380                                             | 10.00 | 6.22                                                          | -0.05   | -3.11 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+380        | 6.25 | 0+390                                             | 10.00 | 6.11                                                          | -0.05   | -3.06 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+390        | 5.96 | 0+400                                             | 10.00 | 6.04                                                          | -0.05   | -3.02 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+400        | 6.12 | 0+410                                             | 10.00 | 6.27                                                          | -0.05   | -3.14 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+410        | 6.42 | 0+420                                             | 10.00 | 6.40                                                          | -0.05   | -3.20 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+420        | 6.38 | 0+430                                             | 10.00 | 6.15                                                          | -0.05   | -3.08 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+430        | 5.91 | 0+440                                             | 10.00 | 5.97                                                          | -0.05   | -2.99 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+440        | 6.02 | 0+450                                             | 10.00 | 6.26                                                          | -0.05   | -3.13 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+450        | 6.50 | 0+460                                             | 10.00 | 6.15                                                          | -0.05   | -3.08 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+460        | 5.79 | 0+470                                             | 10.00 | 5.84                                                          | -0.05   | -2.92 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+470        | 5.89 | 0+480                                             | 10.00 | 5.96                                                          | -0.05   | -2.98 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+480        | 6.02 | 0+490                                             | 10.00 | 6.01                                                          | -0.05   | -3.01 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+490        | 6.00 | 0+500                                             | 10.00 | 5.75                                                          | -0.05   | -2.88 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+500        | 5.50 | 0+510                                             | 10.00 | 5.60                                                          | -0.05   | -2.80 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+510        | 5.70 | 0+520                                             | 10.00 | 6.16                                                          | -0.05   | -3.08 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+520        | 6.62 | 0+530                                             | 10.00 | 6.11                                                          | -0.05   | -3.06 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+530        | 5.60 | 0+540                                             | 10.00 | 5.52                                                          | -0.05   | -2.76 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+540        | 5.44 | 0+550                                             | 10.00 | 5.18                                                          | -0.05   | -2.59 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+550        | 4.91 | 0+560                                             | 10.00 | 4.95                                                          | -0.05   | -2.48 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+560        | 4.98 | 0+570                                             | 10.00 | 4.64                                                          | -0.05   | -2.32 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+570        | 4.30 | 0+580                                             | 10.00 | 5.02                                                          | -0.05   | -2.51 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+580        | 5.74 | 0+590                                             | 10.00 | 5.63                                                          | -0.05   | -2.82 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+590        | 5.52 | 0+600                                             | 10.00 | 5.54                                                          | -0.05   | -2.77 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+600        | 5.55 | 0+610                                             | 10.00 | 5.65                                                          | -0.05   | -2.83 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+610        | 5.75 | 0+620                                             | 10.00 | 5.98                                                          | -0.05   | -2.99 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+620        | 6.20 | 0+630                                             | 10.00 | 6.38                                                          | -0.05   | -3.19 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+630        | 6.55 | 0+640                                             | 10.00 | 7.36                                                          | -0.05   | -3.68 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+640        | 8.16 | 0+650                                             | 10.00 | 8.03                                                          | -0.05   | -4.02 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+650        | 7.90 | 0+660                                             | 10.00 | 7.84                                                          | -0.05   | -3.92 |      |         |         |
|                            |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | 0+660        | 7.77 | 0+670                                             | 10.00 | 7.23                                                          | -0.05   | -3.62 |      |         |         |

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REPRESENTANTE LEGAL

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SUPERVISOR DE OBRA

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA

**H. AYUNTAMIENTO DE RIO BLANCO, VER.**

2018 – 2021

## DIRECCIÓN DE OBRAS PÚBLICAS



| DATOS GENERALES DE LA OBRA |                                                                                                                                                           |        |                                                                                                                                      |         |       |         |    |       |       |             |      |      | ESTIMACION               |         |  | 2 (DOS)                                                       |  |  |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------|----|-------|-------|-------------|------|------|--------------------------|---------|--|---------------------------------------------------------------|--|--|
| MUNICIPIO:                 |                                                                                                                                                           |        | RIO BLANCO VER.                                                                                                                      |         |       |         |    |       |       |             |      |      | CONTRATISTA:             |         |  | JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |  |  |
| FONDO:                     |                                                                                                                                                           |        | FISM-DF 2020                                                                                                                         |         |       |         |    |       |       |             |      |      | DOMICILIO:               |         |  | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94480 IXTACZOQUIL |  |  |
| No. DE OBRA:               |                                                                                                                                                           |        | 2020301380007                                                                                                                        |         |       |         |    |       |       |             |      |      | PERIODO DE LA ESTIMACIÓN |         |  |                                                               |  |  |
| DESCRIPCIÓN:               |                                                                                                                                                           |        | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |         |       |         |    |       |       |             |      |      |                          |         |  |                                                               |  |  |
| LOCALIDAD:                 |                                                                                                                                                           |        | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |         |       |         |    |       |       |             |      |      | FECHA DE ELABORACIÓN:    |         |  | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020             |  |  |
| No. DE CONTRATO:           |                                                                                                                                                           |        | CL/RIOBVZ/OP/2020/015                                                                                                                |         |       |         |    |       |       |             |      |      | OPERACIONES              |         |  | 14 DE DICIEMBRE DE 2020                                       |  |  |
| CLAVE                      | CONCEPTO                                                                                                                                                  | UNIDAD | LOCALIZACIÓN                                                                                                                         |         |       |         |    |       | LARGO | ANCHO PROM. | ALTO | PZAS | PARCIAL                  | TOTALES |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | DE                                                                                                                                   |         | A     |         | KM |       |       |             |      |      |                          |         |  |                                                               |  |  |
| ASF-01                     | RIEGO DE LIGA CON UNA PROPORCIÓN DE 0.80 LT/S/M2. CON EMULSIÓN CATIONICA DE ROMPIEMIENTO RÁPIDO, INCLUYE: MATERIALES, MANO DE OBRA, EQUIPO Y HERRAMIENTA. | M2     | KM                                                                                                                                   | ANCHO 1 | KM    | ANCHO 2 |    |       | 10.00 | 5.83        |      |      |                          | 58.30   |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+390                                                                                                                                | 5.96    | 0+400 | 5.70    |    | 10.00 | 5.90  |             |      |      | 59.00                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+400                                                                                                                                | 5.70    | 0+410 | 6.10    |    | 10.00 | 6.08  |             |      |      | 60.80                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+410                                                                                                                                | 6.10    | 0+420 | 5.16    |    | 10.00 | 5.61  |             |      |      | 56.10                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+420                                                                                                                                | 6.05    | 0+430 | 5.80    |    | 10.00 | 5.48  |             |      |      | 54.80                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+430                                                                                                                                | 5.16    | 0+440 | 5.78    |    | 10.00 | 5.79  |             |      |      | 57.90                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+440                                                                                                                                | 5.80    | 0+450 | 6.00    |    | 10.00 | 5.89  |             |      |      | 58.90                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+450                                                                                                                                | 5.78    | 0+460 | 5.70    |    | 10.00 | 5.85  |             |      |      | 58.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+460                                                                                                                                | 6.00    | 0+470 | 5.60    |    | 10.00 | 5.65  |             |      |      | 56.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+470                                                                                                                                | 5.70    | 0+480 | 5.90    |    | 10.00 | 5.75  |             |      |      | 57.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+480                                                                                                                                | 5.60    | 0+490 | 5.80    |    | 10.00 | 5.85  |             |      |      | 58.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+490                                                                                                                                | 5.90    | 0+500 | 5.50    |    | 10.00 | 5.65  |             |      |      | 56.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+500                                                                                                                                | 5.80    | 0+510 | 5.45    |    | 10.00 | 5.48  |             |      |      | 54.80                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+510                                                                                                                                | 5.50    | 0+520 | 6.37    |    | 10.00 | 5.91  |             |      |      | 59.10                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+520                                                                                                                                | 5.45    | 0+530 | 5.90    |    | 10.00 | 6.14  |             |      |      | 61.40                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+530                                                                                                                                | 6.37    | 0+540 | 5.80    |    | 10.00 | 5.85  |             |      |      | 58.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+540                                                                                                                                | 5.90    | 0+550 | 5.00    |    | 10.00 | 5.40  |             |      |      | 54.00                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+550                                                                                                                                | 5.80    | 0+560 | 4.70    |    | 10.00 | 4.85  |             |      |      | 48.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+560                                                                                                                                | 5.00    | 0+570 | 5.10    |    | 10.00 | 4.90  |             |      |      | 49.00                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+570                                                                                                                                | 4.70    | 0+580 | 5.60    |    | 10.00 | 5.35  |             |      |      | 53.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+580                                                                                                                                | 5.10    | 0+590 | 5.95    |    | 10.00 | 5.78  |             |      |      | 57.80                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+590                                                                                                                                | 5.60    | 0+600 | 5.46    |    | 10.00 | 5.71  |             |      |      | 57.10                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+600                                                                                                                                | 5.95    | 0+610 | 5.60    |    | 10.00 | 5.53  |             |      |      | 55.30                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+610                                                                                                                                | 5.46    | 0+620 | 6.00    |    | 10.00 | 5.80  |             |      |      | 58.00                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+620                                                                                                                                | 5.60    | 0+630 | 6.40    |    | 10.00 | 6.20  |             |      |      | 62.00                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+630                                                                                                                                | 6.00    | 0+640 | 7.25    |    | 10.00 | 6.83  |             |      |      | 68.30                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+640                                                                                                                                | 6.40    | 0+650 | 7.60    |    | 10.00 | 7.43  |             |      |      | 74.30                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+650                                                                                                                                | 7.25    | 0+660 | 6.90    |    | 10.00 | 7.25  |             |      |      | 72.50                    |         |  |                                                               |  |  |
|                            |                                                                                                                                                           |        | 0+660                                                                                                                                | 7.60    | 0+670 |         |    |       |       |             |      |      |                          |         |  |                                                               |  |  |

ELABORO  
JOSE LUIS  
REPRESENT

ELABORO  
JOSE LUIS GAMEZ MARTINEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                           |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         | ESTIMACION                                                                                                                                                                                        |  |  |  | 2 (DOS) |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------|------|-------|-------|-------|-------|-------|------|-------|---------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------|--|--|--|--|--|--|--|--|--|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ<br>DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 XTACZOQUIL<br>PERIODO DE LA ESTIMACIÓN<br>16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |  |  |  |         |  |  |  |  |  |  |  |  |  |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CL/RIOBVZ/OP/2020/015                                                                                                                                             |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         | FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020                                                                                                                                                  |  |  |  |         |  |  |  |  |  |  |  |  |  |
| CLAVE                                                                                                                                                                                                                                | CONCEPTO                                                                                                                                                | UNIDAD | LOCALIZACIÓN |      |       |       |       | LARGO | ANCHO | ALTO | PZAS  | PARCIAL | TOTALES |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | DE           | A    | 0+680 | 0+690 | 0+700 |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
| ASF-01                                                                                                                                                                                                                               | RIEGO DE LIGA CON UNA PROPORCIÓN DE 0.80 LTS/M2, CON EMULSIÓN CATIÓNICA DE ROMPIMIENTO RÁPIDO, INCLUYE: MATERIALES, MANO DE OBRA, EQUIPO Y HERRAMIENTA. | M2     | 0+670        | 6.90 | 0+680 | 6.70  | 10.00 | 6.80  |       |      |       | 68.00   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+680        | 6.70 | 0+690 | 5.28  | 10.00 | 5.99  |       |      |       | 59.90   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+690        | 5.28 | 0+700 | 5.19  | 10.00 | 5.24  |       |      |       | 52.40   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+700        | 5.19 | 0+710 | 5.62  | 10.00 | 5.41  |       |      |       | 54.10   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+710        | 5.62 | 0+720 | 5.14  | 10.00 | 5.38  |       |      |       | 53.80   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+720        | 5.14 | 0+730 | 5.28  | 10.00 | 5.21  |       |      |       | 52.10   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+730        | 5.28 | 0+740 | 5.18  | 10.00 | 5.23  |       |      |       | 52.30   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+740        | 5.18 | 0+750 | 5.17  | 10.00 | 5.18  |       |      |       | 51.80   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+750        | 5.17 | 0+760 | 5.20  | 10.00 | 5.19  |       |      |       | 51.90   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+760        | 5.20 | 0+770 | 5.19  | 10.00 | 5.20  |       |      |       | 52.00   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+770        | 5.19 | 0+780 | 5.39  | 10.00 | 5.29  |       |      |       | 52.90   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+780        | 5.39 | 0+790 | 5.25  | 10.00 | 5.32  |       |      |       | 53.20   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+790        | 5.25 | 0+800 | 5.35  | 10.00 | 5.30  |       |      |       | 53.00   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        | 0+800        | 5.35 | 0+810 | 5.40  | 10.00 | 5.38  |       |      |       | 53.80   |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      | TOTAL | 2398.60 |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                      |                                                                                                                                                         |        |              |      |       |       |       |       |       |      |       |         |         |                                                                                                                                                                                                   |  |  |  |         |  |  |  |  |  |  |  |  |  |

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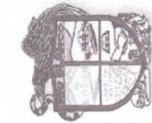


## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |                                                                                                                                                                                                                                                                                                                                     |        |                                                                                                                                      |         |       |      |         |       |       | ESTIMACION               |      |         | 2 (DOS)                                                       |  |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|---------|-------|------|---------|-------|-------|--------------------------|------|---------|---------------------------------------------------------------|--|
| MUNICIPIO:                 |                                                                                                                                                                                                                                                                                                                                     |        | RIO BLANCO VER.                                                                                                                      |         |       |      |         |       |       | CONTRATISTA:             |      |         | JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |  |
| FONDO:                     |                                                                                                                                                                                                                                                                                                                                     |        | FISM-DF 2020                                                                                                                         |         |       |      |         |       |       | DOMICILIO:               |      |         | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL |  |
| No. DE OBRA:               |                                                                                                                                                                                                                                                                                                                                     |        | 2020301380007                                                                                                                        |         |       |      |         |       |       | PERIODO DE LA ESTIMACIÓN |      |         | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020             |  |
| DESCRIPCIÓN:               |                                                                                                                                                                                                                                                                                                                                     |        | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |         |       |      |         |       |       |                          |      |         |                                                               |  |
| LOCALIDAD:                 |                                                                                                                                                                                                                                                                                                                                     |        | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |         |       |      |         |       |       | FECHA DE ELABORACIÓN:    |      |         | 14 DE DICIEMBRE DE 2020                                       |  |
| No. DE CONTRATO:           |                                                                                                                                                                                                                                                                                                                                     |        | CL/RIOBVZ/OP/2020015                                                                                                                 |         |       |      |         |       |       | OPERACIONES              |      |         |                                                               |  |
| CLAVE                      | CONCEPTO                                                                                                                                                                                                                                                                                                                            | UNIDAD | LOCALIZACIÓN                                                                                                                         |         |       |      |         | LARGO | ANCHO | ALTO                     | PZAS | PARCIAL | TOTALES                                                       |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | DE                                                                                                                                   |         | A     |      |         |       |       |                          |      |         |                                                               |  |
| ASF-03                     | CARPETA DE CONCRETO ASFALTICO EN CALIENTE DE 7 CM. DE ESPESOR, CON CEMENTO ASFALTICO ASFALTO AC-20 Y AGREGADO PETREO DE 3/4" A FINOS, INCLUYE: HUMECTACIÓN DE SUPERFICIE PARA EVITAR POLVO Y COMPACTACIÓN AL 95% DE LA PRUEBA V.R.S. (NO INCLUYE ACARREO DE MEZCLA ASFALTICA DE PLANTA DE ASFALTO AL NORTE DE GRAVEDAD DE LA OBRA). | M3     | KM                                                                                                                                   | ANCHO 1 |       | KM   | ANCHO 2 |       | 10.00 | PROM.                    | 5.83 | 0.07    | 4.08                                                          |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+390                                                                                                                                | 5.96    | 0+400 | 5.70 | 10.00   | 5.83  | 0.07  | 4.08                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+400                                                                                                                                | 5.7     | 0+410 | 6.10 | 10.00   | 5.90  | 0.07  | 4.13                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+410                                                                                                                                | 6.1     | 0+420 | 6.05 | 10.00   | 6.08  | 0.07  | 4.26                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+420                                                                                                                                | 6.05    | 0+430 | 5.16 | 10.00   | 5.61  | 0.07  | 3.93                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+430                                                                                                                                | 5.16    | 0+440 | 5.80 | 10.00   | 5.48  | 0.07  | 3.84                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+440                                                                                                                                | 5.8     | 0+450 | 5.78 | 10.00   | 5.79  | 0.07  | 4.05                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+450                                                                                                                                | 5.78    | 0+460 | 6.00 | 10.00   | 5.89  | 0.07  | 4.12                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+460                                                                                                                                | 6       | 0+470 | 5.70 | 10.00   | 5.85  | 0.07  | 4.10                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+470                                                                                                                                | 5.7     | 0+480 | 5.60 | 10.00   | 5.65  | 0.07  | 3.96                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+480                                                                                                                                | 5.6     | 0+490 | 5.90 | 10.00   | 5.75  | 0.07  | 4.03                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+490                                                                                                                                | 5.9     | 0+500 | 5.80 | 10.00   | 5.85  | 0.07  | 4.10                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+500                                                                                                                                | 5.8     | 0+510 | 5.50 | 10.00   | 5.65  | 0.07  | 3.96                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+510                                                                                                                                | 5.5     | 0+520 | 5.45 | 10.00   | 5.48  | 0.07  | 3.84                     |      |         |                                                               |  |
|                            |                                                                                                                                                                                                                                                                                                                                     |        | 0+520                                                                                                                                | 5.45    | 0+530 | 6.37 | 10.00   | 5.91  | 0.07  | 4.14                     |      |         |                                                               |  |
|                            | 0+530                                                                                                                                                                                                                                                                                                                               | 6.37   | 0+540                                                                                                                                | 5.90    | 10.00 | 6.14 | 0.07    | 4.30  |       |                          |      |         |                                                               |  |
|                            | 0+540                                                                                                                                                                                                                                                                                                                               | 5.9    | 0+550                                                                                                                                | 5.80    | 10.00 | 5.85 | 0.07    | 4.10  |       |                          |      |         |                                                               |  |
|                            | 0+550                                                                                                                                                                                                                                                                                                                               | 5.8    | 0+560                                                                                                                                | 5.00    | 10.00 | 5.40 | 0.07    | 3.78  |       |                          |      |         |                                                               |  |
|                            | 0+560                                                                                                                                                                                                                                                                                                                               | 5      | 0+570                                                                                                                                | 4.70    | 10.00 | 4.85 | 0.07    | 3.40  |       |                          |      |         |                                                               |  |
|                            | 0+570                                                                                                                                                                                                                                                                                                                               | 4.7    | 0+580                                                                                                                                | 5.10    | 10.00 | 4.90 | 0.07    | 3.43  |       |                          |      |         |                                                               |  |
|                            | 0+580                                                                                                                                                                                                                                                                                                                               | 5.1    | 0+590                                                                                                                                | 5.60    | 10.00 | 5.35 | 0.07    | 3.75  |       |                          |      |         |                                                               |  |
|                            | 0+590                                                                                                                                                                                                                                                                                                                               | 5.6    | 0+600                                                                                                                                | 5.95    | 10.00 | 5.78 | 0.07    | 4.05  |       |                          |      |         |                                                               |  |
|                            | 0+600                                                                                                                                                                                                                                                                                                                               | 5.95   | 0+610                                                                                                                                | 5.46    | 10.00 | 5.71 | 0.07    | 4.00  |       |                          |      |         |                                                               |  |
|                            | 0+610                                                                                                                                                                                                                                                                                                                               | 5.46   | 0+620                                                                                                                                | 5.60    | 10.00 | 5.53 | 0.07    | 3.87  |       |                          |      |         |                                                               |  |
|                            | 0+620                                                                                                                                                                                                                                                                                                                               | 5.6    | 0+630                                                                                                                                | 6.00    | 10.00 | 5.80 | 0.07    | 4.06  |       |                          |      |         |                                                               |  |
|                            | 0+630                                                                                                                                                                                                                                                                                                                               | 6      | 0+640                                                                                                                                | 6.40    | 10.00 | 6.20 | 0.07    | 4.34  |       |                          |      |         |                                                               |  |
|                            | 0+640                                                                                                                                                                                                                                                                                                                               | 6.4    | 0+650                                                                                                                                | 7.25    | 10.00 | 6.83 | 0.07    | 4.78  |       |                          |      |         |                                                               |  |
|                            | 0+650                                                                                                                                                                                                                                                                                                                               | 7.25   | 0+660                                                                                                                                | 7.60    | 10.00 | 7.43 | 0.07    | 5.20  |       |                          |      |         |                                                               |  |
|                            | 0+660                                                                                                                                                                                                                                                                                                                               | 7.6    | 0+670                                                                                                                                | 6.90    | 10.00 | 7.25 | 0.07    | 5.08  |       |                          |      |         |                                                               |  |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AVTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         | ESTIMACION               |  |  |                                                                 | 2 (DOS) |  |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------|------|------|---------|---------|--------------------------|--|--|-----------------------------------------------------------------|---------|--|
| MUNICIPIO:                 |                                                                                                                                                                                                                                                                                                                             |        | RIO BLANCO VER.                                                                                                                      |      |       |      |       |       |      |      |         |         | CONTRATISTA:             |  |  | JOSÉ LUIS GÁMEZ MARTÍNEZ                                        |         |  |
| FONDO:                     |                                                                                                                                                                                                                                                                                                                             |        | FISM-DF 2020                                                                                                                         |      |       |      |       |       |      |      |         |         | DOMICILIO:               |  |  | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUILTL |         |  |
| No. DE OBRA:               |                                                                                                                                                                                                                                                                                                                             |        | 2020301380007                                                                                                                        |      |       |      |       |       |      |      |         |         | PERIODO DE LA ESTIMACIÓN |  |  | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020               |         |  |
| DESCRIPCIÓN:               |                                                                                                                                                                                                                                                                                                                             |        | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
| LOCALIDAD:                 |                                                                                                                                                                                                                                                                                                                             |        | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |      |       |      |       |       |      |      |         |         | FECHA DE ELABORACIÓN:    |  |  | 14 DE DICIEMBRE DE 2020                                         |         |  |
| No. DE CONTRATO:           |                                                                                                                                                                                                                                                                                                                             |        | CLJRI0BVZ/OP/2020/015                                                                                                                |      |       |      |       |       |      |      |         |         | OPERACIONES              |  |  |                                                                 |         |  |
| CLAVE                      | CONCEPTO                                                                                                                                                                                                                                                                                                                    | UNIDAD | LOCALIZACIÓN                                                                                                                         |      |       |      | LARGO | ANCHO | ALTO | PZAS | PARCIAL | TOTALES |                          |  |  |                                                                 |         |  |
| ASF-03                     | CARPETA DE CONCRETO ASFALTICO EN CALIENTE DE 7 CM. DE ESPESOR, CON CEMENTO ASFALTICO AC-20 Y AGREGADO PETREO DE 3/4" A FINOS, INCLUYE: HUMECTACIÓN DE SUPERFICIE PARA EVITAR POLVO Y COMPACTACIÓN AL 95% DE LA PRUEBA V.R.S. (NO INCLUYE ACARREO DE MEZCLA ASFALTICA DE PLANTA DE ASFALTO AL NORTE DE GRAVEDAD DE LA OBRA). | M3     | DE                                                                                                                                   | A    |       | 6.70 | 10.00 | 6.80  | 0.07 |      | 4.76    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+670                                                                                                                                | 6.9  | 0+680 | 5.28 | 10.00 | 5.99  | 0.07 |      | 4.19    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+680                                                                                                                                | 6.70 | 0+690 | 5.19 | 10.00 | 5.24  | 0.07 |      | 3.67    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+690                                                                                                                                | 5.28 | 0+700 | 5.62 | 10.00 | 5.41  | 0.07 |      | 3.79    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+700                                                                                                                                | 5.19 | 0+710 | 5.14 | 10.00 | 5.38  | 0.07 |      | 3.77    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+710                                                                                                                                | 5.62 | 0+720 | 5.28 | 10.00 | 5.21  | 0.07 |      | 3.65    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+720                                                                                                                                | 5.14 | 0+730 | 5.18 | 10.00 | 5.23  | 0.07 |      | 3.66    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+730                                                                                                                                | 5.28 | 0+740 | 5.17 | 10.00 | 5.18  | 0.07 |      | 3.63    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+740                                                                                                                                | 5.18 | 0+750 | 5.20 | 10.00 | 5.19  | 0.07 |      | 3.63    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+750                                                                                                                                | 5.17 | 0+760 | 5.19 | 10.00 | 5.20  | 0.07 |      | 3.64    |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+760                                                                                                                                | 5.2  | 10.00 | 5.29 | 0.07  |       | 3.70 |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+770                                                                                                                                | 5.19 | 10.00 | 5.32 | 0.07  |       | 3.72 |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+780                                                                                                                                | 5.39 | 10.00 | 5.30 | 0.07  |       | 3.71 |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+790                                                                                                                                | 5.25 | 10.00 | 5.38 | 0.07  |       | 3.77 |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+800                                                                                                                                | 5.35 | 10.00 |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        | 0+810                                                                                                                                | 5.40 | 10.00 |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
|                            |                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                      |      |       |      |       |       |      |      |         |         |                          |  |  |                                                                 |         |  |
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ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |                                                  |                                                                                                                                      |              |      | ESTIMACION                                        |                                                               | 2 (DOS)     |       |       |         |      |
|----------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|------|---------------------------------------------------|---------------------------------------------------------------|-------------|-------|-------|---------|------|
| MUNICIPIO:                 |                                                  | RIO BLANCO VER.                                                                                                                      |              |      | CONTRATISTA:                                      | JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |             |       |       |         |      |
| FONDO:                     |                                                  | FISM-DF 2020                                                                                                                         |              |      | DOMICILIO:                                        | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL |             |       |       |         |      |
| No. DE OBRA:               |                                                  | 2020301380007                                                                                                                        |              |      | PERIODO DE LA ESTIMACIÓN                          |                                                               |             |       |       |         |      |
| DESCRIPCIÓN:               |                                                  | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |              |      | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |                                                               |             |       |       |         |      |
| LOCALIDAD:                 |                                                  | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |              |      | FECHA DE ELABORACIÓN:                             |                                                               |             |       |       |         |      |
| No. DE CONTRATO:           |                                                  | CLJRI0BVZ/OP/2020/015                                                                                                                |              |      | 14 DE DICIEMBRE DE 2020                           |                                                               |             |       |       |         |      |
| CLAVE                      | CONCEPTO                                         | UNIDAD                                                                                                                               | LOCALIZACIÓN |      |                                                   |                                                               | OPERACIONES |       |       | TOTALES |      |
|                            |                                                  |                                                                                                                                      | DE           |      | A                                                 |                                                               | LARGO       | ANCHO | ALTO  |         | PZAS |
| ASF-05                     | ACARREO DE CARPETA ASFALTICA EN CAMIONES DE 6MTS | M3                                                                                                                                   | 0+500        | 5.8  | 0+510                                             | 5.50                                                          | 10.00       | 5.65  | 0.085 | 4.80    | 4.80 |
|                            |                                                  |                                                                                                                                      | 0+510        | 5.5  | 0+520                                             | 5.45                                                          | 10.00       | 5.48  | 0.085 | 4.66    |      |
|                            |                                                  |                                                                                                                                      | 0+520        | 5.45 | 0+530                                             | 6.37                                                          | 10.00       | 5.91  | 0.085 | 5.02    |      |
|                            |                                                  |                                                                                                                                      | 0+530        | 6.37 | 0+540                                             | 5.90                                                          | 10.00       | 6.14  | 0.085 | 5.22    |      |
|                            |                                                  |                                                                                                                                      | 0+540        | 5.9  | 0+550                                             | 5.80                                                          | 10.00       | 5.85  | 0.085 |         |      |
|                            |                                                  |                                                                                                                                      | 0+550        | 5.8  | 0+560                                             | 5.00                                                          | 10.00       | 5.40  | 0.085 | 4.59    |      |
|                            |                                                  |                                                                                                                                      | 0+560        | 5    | 0+570                                             | 4.70                                                          | 10.00       | 4.85  | 0.085 | 4.12    |      |
|                            |                                                  |                                                                                                                                      | 0+570        | 4.7  | 0+580                                             | 5.10                                                          | 10.00       | 4.90  | 0.085 | 4.17    |      |
|                            |                                                  |                                                                                                                                      | 0+580        | 5.1  | 0+590                                             | 5.60                                                          | 10.00       | 5.35  | 0.085 | 4.55    |      |
|                            |                                                  |                                                                                                                                      | 0+590        | 5.6  | 0+600                                             | 5.95                                                          | 10.00       | 5.78  | 0.085 | 4.91    |      |
|                            |                                                  |                                                                                                                                      | 0+600        | 5.95 | 0+610                                             | 5.46                                                          | 10.00       | 5.71  | 0.085 | 4.85    |      |
|                            |                                                  |                                                                                                                                      | 0+610        | 5.46 | 0+620                                             | 5.60                                                          | 10.00       | 5.53  | 0.085 | 4.70    |      |
|                            |                                                  |                                                                                                                                      | 0+620        | 5.6  | 0+630                                             | 6.00                                                          | 10.00       | 5.80  | 0.085 | 4.93    |      |
|                            |                                                  |                                                                                                                                      | 0+630        | 6    | 0+640                                             | 6.40                                                          | 10.00       | 6.20  | 0.085 | 5.27    |      |
|                            |                                                  |                                                                                                                                      | 0+640        | 6.4  | 0+650                                             | 7.25                                                          | 10.00       | 6.83  | 0.085 | 5.81    |      |
|                            |                                                  |                                                                                                                                      | 0+650        | 7.25 | 0+660                                             | 7.60                                                          | 10.00       | 7.43  | 0.085 | 6.32    |      |
|                            |                                                  |                                                                                                                                      | 0+660        | 7.6  | 0+670                                             | 6.90                                                          | 10.00       | 7.25  | 0.085 | 6.16    |      |
|                            |                                                  |                                                                                                                                      | 0+670        | 6.9  | 0+680                                             | 6.70                                                          | 10.00       | 6.80  | 0.085 | 5.78    |      |
|                            |                                                  |                                                                                                                                      | 0+680        | 6.7  | 0+690                                             | 5.28                                                          | 10.00       | 5.99  | 0.085 | 5.09    |      |
|                            |                                                  |                                                                                                                                      | 0+690        | 5.28 | 0+700                                             | 5.19                                                          | 10.00       | 5.24  | 0.085 | 4.45    |      |
|                            |                                                  |                                                                                                                                      | 0+700        | 5.19 | 0+710                                             | 5.62                                                          | 10.00       | 5.41  | 0.085 | 4.60    |      |
|                            |                                                  |                                                                                                                                      | 0+710        | 5.62 | 0+720                                             | 5.14                                                          | 10.00       | 5.38  | 0.085 | 4.57    |      |
|                            |                                                  |                                                                                                                                      | 0+720        | 5.14 | 0+730                                             | 5.28                                                          | 10.00       | 5.21  | 0.085 | 4.43    |      |
|                            |                                                  |                                                                                                                                      | 0+730        | 5.28 | 0+740                                             | 5.18                                                          | 10.00       | 5.23  | 0.085 | 4.45    |      |
|                            |                                                  |                                                                                                                                      | 0+740        | 5.18 | 0+750                                             | 5.17                                                          | 10.00       | 5.18  | 0.085 | 4.40    |      |
|                            |                                                  |                                                                                                                                      | 0+750        | 5.17 | 0+760                                             | 5.20                                                          | 10.00       | 5.19  | 0.085 | 4.41    |      |
|                            |                                                  |                                                                                                                                      | 0+760        | 5.2  | 0+770                                             | 5.19                                                          | 10.00       | 5.20  | 0.085 | 4.42    |      |
|                            |                                                  |                                                                                                                                      | 0+770        | 5.19 | 0+780                                             | 5.39                                                          | 10.00       | 5.29  | 0.085 | 4.50    |      |
|                            |                                                  |                                                                                                                                      | 0+780        | 5.39 | 0+790                                             | 5.25                                                          | 10.00       | 5.32  | 0.085 | 4.52    |      |

ELABORO  
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REPRESENTANTE LEGAL

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SUPERVISOR DE OBRA

## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                           |                                                                                                 |        |                |                                       |                |              |             |       |      | ESTIMACION                                                                    |         |       | 2 (DOS)        |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------|----------------|---------------------------------------|----------------|--------------|-------------|-------|------|-------------------------------------------------------------------------------|---------|-------|----------------|--------------|
| MUNICIPIO:<br>RIO BLANCO VER.<br>FISM-DF 2020<br>2020301380007                                                                                                       |                                                                                                 |        |                | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ |                |              |             |       |      | DOMICILIO:<br>ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUILTL |         |       |                |              |
| No. DE OBRA:<br>DESCRIPCIÓN:<br>CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                                                                 |        |                |                                       |                |              |             |       |      | PERIODO DE LA ESTIMACIÓN<br>16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |         |       |                |              |
| LOCALIDAD:<br>No. DE CONTRATO:<br>SANTA CATARINA, RIO BLANCO VERACRUZ<br>CL/RI/0BVZ/OP/2020/015                                                                      |                                                                                                 |        |                |                                       |                |              |             |       |      | FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020                              |         |       |                |              |
| CLAVE                                                                                                                                                                | CONCEPTO                                                                                        | UNIDAD | LOCALIZACIÓN   |                                       |                |              | OPERACIONES |       |      |                                                                               | TOTALES |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | DE             |                                       | A              |              | LARGO       | ANCHO | ALTO | PZAS                                                                          | PARCIAL | TOTAL |                |              |
| ASF-05                                                                                                                                                               | ACARREO DE CARPETA ASFALTICA EN CAMIONES DE 6MTS                                                | M3     | 0+790<br>0+800 | 5.25<br>5.35                          | 0+800<br>0+810 | 5.35<br>5.40 |             |       |      |                                                                               |         |       | 10.00<br>10.00 | 5.30<br>5.38 |
| EXTRAORDINARIOS                                                                                                                                                      |                                                                                                 |        |                |                                       |                |              |             |       |      |                                                                               |         |       |                |              |
| EXT-04                                                                                                                                                               | DEMOLICION A MANO DE PISO O BANQUETA DE CONCRETO                                                | M2     | KM             | ANCHO 1                               |                | KM           | ANCHO 2     |       |      |                                                                               |         |       |                |              |
|                                                                                                                                                                      | SIMPLE DE 8 A 10 CM. DE ESPESOR, INCLUYE: ACARREO Y APILE DEL MATERIALA UNA ESTACION DE 35 MTS. |        | 0+040          | 0.90                                  | 0+050          | 0.89         | 10.00       | 0.90  |      |                                                                               | 9.00    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+050          | 0.89                                  | 0+060          | 0.91         | 10.00       | 0.90  |      |                                                                               | 9.00    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+060          | 0.91                                  | 0+070          | 1.02         | 10.00       | 0.97  |      |                                                                               | 9.70    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+070          | 1.02                                  | 0+080          | 0.90         | 10.00       | 0.96  |      |                                                                               | 9.60    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+080          | 0.90                                  | 0+090          | 0.89         | 10.00       | 0.90  |      |                                                                               | 9.00    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+090          | 0.89                                  | 0+100          | 0.82         | 10.00       | 0.86  |      |                                                                               | 8.60    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+100          | 0.82                                  | 0+110          | 0.84         | 10.00       | 0.83  |      |                                                                               | 8.30    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+110          | 0.84                                  | 0+120          | 1.06         | 10.00       | 0.95  |      |                                                                               | 9.50    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+120          | 1.06                                  | 0+130          | 1.05         | 10.00       | 1.06  |      |                                                                               | 10.60   |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+130          | 1.05                                  | 0+140          | 1.07         | 10.00       | 1.06  |      |                                                                               | 10.60   |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+140          | 1.07                                  | 0+150          | 1.12         | 10.00       | 1.10  |      |                                                                               | 11.00   |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+150          | 1.12                                  | 0+160          | 0.89         | 10.00       | 1.01  |      |                                                                               | 10.10   |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+160          | 0.89                                  | 0+170          | 0.88         | 10.00       | 0.89  |      |                                                                               | 8.90    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+170          | 0.88                                  | 0+180          | 0.84         | 10.00       | 0.86  |      |                                                                               | 8.60    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+180          | 0.84                                  | 0+190          | 0.87         | 10.00       | 0.86  |      |                                                                               | 8.60    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+190          | 0.87                                  | 0+200          | 0.89         | 10.00       | 0.88  |      |                                                                               | 8.80    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+200          | 0.89                                  | 0+210          | 0.95         | 10.00       | 0.92  |      |                                                                               | 9.20    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+210          | 0.95                                  | 0+220          | 0.79         | 10.00       | 0.87  |      |                                                                               | 8.70    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+220          | 0.79                                  | 0+230          | 0.84         | 10.00       | 0.82  |      |                                                                               | 8.20    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+230          | 0.84                                  | 0+240          | 0.90         | 10.00       | 0.87  |      |                                                                               | 8.70    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+240          | 0.90                                  | 0+250          | 0.97         | 10.00       | 0.94  |      |                                                                               | 9.40    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+250          | 0.97                                  | 0+260          | 1.09         | 10.00       | 1.03  |      |                                                                               | 10.30   |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+260          | 1.09                                  | 0+270          | 0.95         | 10.00       | 1.02  |      |                                                                               | 10.20   |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+270          | 0.95                                  | 0+280          | 0.90         | 10.00       | 0.93  |      |                                                                               | 9.30    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+280          | 0.90                                  | 0+290          | 0.82         | 10.00       | 0.86  |      |                                                                               | 8.60    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+290          | 0.82                                  | 0+300          | 0.98         | 10.00       | 0.90  |      |                                                                               | 9.00    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+300          | 0.98                                  | 0+310          | 0.98         | 10.00       | 0.98  |      |                                                                               | 9.80    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+310          | 0.98                                  | 0+320          | 0.81         | 10.00       | 0.90  |      |                                                                               | 9.00    |       |                |              |
|                                                                                                                                                                      |                                                                                                 |        | 0+320          | 0.81                                  | 0+330          | 0.83         | 10.00       | 0.82  |      |                                                                               | 8.20    |       |                |              |

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## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                           |                                                                                                 |        |              |                                                                               |   |          |      |                                                                             |       |      | ESTIMACION |         |         | 2 (DOS) |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------|--------------|-------------------------------------------------------------------------------|---|----------|------|-----------------------------------------------------------------------------|-------|------|------------|---------|---------|---------|--|
| MUNICIPIO:<br>RIO BLANCO VER.<br>FISM-DF 2020<br>2020301380007                                                                                                       |                                                                                                 |        |              | CONTRATISTA:<br>JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |   |          |      | DOMICILIO:<br>ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL |       |      |            |         |         |         |  |
| No. DE OBRA:<br>DESCRIPCIÓN:<br>CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                                                                 |        |              | PERIODO DE LA ESTIMACIÓN<br>16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |   |          |      |                                                                             |       |      |            |         |         |         |  |
| LOCALIDAD:<br>No. DE CONTRATO:<br>SANTA CATARINA, RIO BLANCO VERACRUZ<br>CLJRI0BVZ/OP/2020/015                                                                       |                                                                                                 |        |              | FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020                              |   |          |      |                                                                             |       |      |            |         |         |         |  |
| CLAVE                                                                                                                                                                | CONCEPTO                                                                                        | UNIDAD | LOCALIZACIÓN |                                                                               |   |          |      | LARGO                                                                       | ANCHO | ALTO | PZAS       | PARCIAL | TOTALES |         |  |
|                                                                                                                                                                      |                                                                                                 |        | DE           |                                                                               | A |          |      |                                                                             |       |      |            |         |         |         |  |
| EXT-04                                                                                                                                                               | DEMOLICION A MANO DE PISO O BANQUETA DE CONCRETO                                                | M2     | 0+330        | 0.83                                                                          |   | 0+340    | 0.86 | 10.00                                                                       | 0.85  |      |            | 8.50    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+340        | 0.86                                                                          |   | 0+350    | 0.85 | 10.00                                                                       | 0.86  |      |            | 8.60    |         |         |  |
|                                                                                                                                                                      | SIMPLE DE 8 A 10 CM. DE ESPESOR, INCLUYE: ACARREO Y APILE DEL MATERIALA UNA ESTACION DE 35 MTS. |        | 0+350        | 0.85                                                                          |   | 0+360    | 0.87 | 10.00                                                                       | 0.86  |      |            | 8.60    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+360        | 0.87                                                                          |   | 0+370    | 0.84 | 10.00                                                                       | 0.86  |      |            | 8.60    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+370        | 0.84                                                                          |   | 0+380    | 0.95 | 10.00                                                                       | 0.90  |      |            | 9.00    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+380        | 0.95                                                                          |   | 0+390    | 1.01 | 10.00                                                                       | 0.98  |      |            | 9.80    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+390        | 1.01                                                                          |   | 0+393    | 1.00 | 3.00                                                                        | 1.01  |      |            | 3.03    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+398.60     | 0.90                                                                          |   | 0+400    | 0.88 | 0.40                                                                        | 0.89  |      |            | 0.38    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+400        | 0.88                                                                          |   | 0+410    | 0.85 | 10.00                                                                       | 0.87  |      |            | 8.70    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+410        | 0.85                                                                          |   | 0+420    | 1.03 | 10.00                                                                       | 0.94  |      |            | 9.40    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+420        | 1.03                                                                          |   | 0+430    | 0.81 | 10.00                                                                       | 0.92  |      |            | 9.20    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+430        | 0.81                                                                          |   | 0+431.10 | 0.81 | 1.10                                                                        | 0.81  |      |            | 0.89    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+435.40     | 0.82                                                                          |   | 0+440    | 0.85 | 4.60                                                                        | 0.84  |      |            | 3.86    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+440        | 0.85                                                                          |   | 0+450    | 0.79 | 10.00                                                                       | 0.82  |      |            | 8.20    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+450        | 0.79                                                                          |   | 0+460    | 0.88 | 10.00                                                                       | 0.84  |      |            | 8.40    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+460        | 0.88                                                                          |   | 0+470    | 0.86 | 10.00                                                                       | 0.87  |      |            | 8.70    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+470        | 0.86                                                                          |   | 0+480    | 0.85 | 10.00                                                                       | 0.86  |      |            | 8.60    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+480        | 0.85                                                                          |   | 0+490    | 0.89 | 10.00                                                                       | 0.87  |      |            | 8.70    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+490        | 0.89                                                                          |   | 0+500    | 0.86 | 10.00                                                                       | 0.88  |      |            | 8.80    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+500        | 0.86                                                                          |   | 0+510    | 0.83 | 10.00                                                                       | 0.85  |      |            | 8.50    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+510        | 0.83                                                                          |   | 0+520    | 0.84 | 10.00                                                                       | 0.84  |      |            | 8.40    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+520        | 0.84                                                                          |   | 0+530    | 0.83 | 10.00                                                                       | 0.84  |      |            | 8.40    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+530        | 0.83                                                                          |   | 0+540    | 0.86 | 10.00                                                                       | 0.85  |      |            | 8.50    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+540        | 0.86                                                                          |   | 0+550    | 0.92 | 10.00                                                                       | 0.89  |      |            | 8.90    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+550        | 0.92                                                                          |   | 0+560    | 0.90 | 10.00                                                                       | 0.91  |      |            | 9.10    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+560        | 0.90                                                                          |   | 0+570    | 0.87 | 10.00                                                                       | 0.89  |      |            | 8.90    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+570        | 0.87                                                                          |   | 0+580    | 1.00 | 10.00                                                                       | 0.94  |      |            | 9.40    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+580        | 1.00                                                                          |   | 0+590    | 1.10 | 10.00                                                                       | 1.05  |      |            | 10.50   |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+590        | 1.10                                                                          |   | 0+600    | 0.77 | 10.00                                                                       | 0.84  |      |            | 9.40    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+600        | 0.77                                                                          |   | 0+610    | 1.27 | 10.00                                                                       | 1.02  |      |            | 10.20   |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+610        | 1.27                                                                          |   | 0+620    | 0.85 | 10.00                                                                       | 1.06  |      |            | 10.60   |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+620        | 0.85                                                                          |   | 0+630    | 1.09 | 10.00                                                                       | 0.97  |      |            | 9.70    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+630        | 1.09                                                                          |   | 0+640    | 0.78 | 10.00                                                                       | 0.93  |      |            | 9.30    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+640        | 0.78                                                                          |   | 0+650    | 0.66 | 10.00                                                                       | 0.71  |      |            | 7.10    |         |         |  |
|                                                                                                                                                                      |                                                                                                 |        | 0+650        | 0.66                                                                          |   | 0+660    | 0.78 | 10.00                                                                       | 0.72  |      |            | 7.20    |         |         |  |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| ESTIMACION                                                                                                                                                                                                                           |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      | 2 (DOS) |         |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|------|--------------------------------------------------|-------|------|---------|---------|---------|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |                                                  |          |        | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ<br>DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUITL<br>PERIODO DE LA ESTIMACIÓN |          |   |      | FECHA DE ELABORACIÓN:<br>14 DE DICIEMBRE DE 2020 |       |      |         |         |         |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CLJRI0BVZ/OP/2020/015                                                                                                                                             |                                                  |          |        | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020                                                                                              |          |   |      |                                                  |       |      |         |         |         |
| CLAVE                                                                                                                                                                                                                                |                                                  | CONCEPTO | UNIDAD | LOCALIZACIÓN                                                                                                                                   |          |   |      | OPERACIONES                                      |       |      |         |         |         |
| EXT-04                                                                                                                                                                                                                               | DEMOLICION A MANO DE PISO O BANQUETA DE CONCRETO | M2       | DE     | 0+660                                                                                                                                          | 0+667.90 | A | 0.76 | LARGO                                            | ANCHO | ALTO | PZAS    | PARCIAL | TOTALES |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+667.90                                                                                                                                       | 0+669    |   | 0.00 | 2.10                                             | 0.38  |      | 0.50    | 0.40    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+675.60                                                                                                                                       | 0+676.60 |   | 0.83 | 1.00                                             | 0.82  |      |         | 0.82    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+676.60                                                                                                                                       | 0+680    |   | 0.94 | 3.40                                             | 0.89  |      |         | 3.03    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+680                                                                                                                                          | 0+690    |   | 1.14 | 10.00                                            | 1.04  |      |         | 10.40   |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+690                                                                                                                                          | 0+694.80 |   | 1.33 | 4.80                                             | 1.24  |      |         | 5.95    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+694.75                                                                                                                                       | 0+700    |   | 0.75 | 0.25                                             | 0.75  |      |         | 0.19    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+700                                                                                                                                          | 0+710    |   | 0.83 | 10.00                                            | 0.79  |      |         | 7.90    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+710                                                                                                                                          | 0+720    |   | 1.15 | 10.00                                            | 0.99  |      |         | 9.90    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+720                                                                                                                                          | 0+726.30 |   | 0.93 | 6.30                                             | 1.04  |      |         | 6.55    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+726.60                                                                                                                                       | 0+730    |   | 1.21 | 0.40                                             | 1.21  |      |         | 0.48    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+730                                                                                                                                          | 0+740    |   | 0.90 | 10.00                                            | 1.06  |      |         | 10.60   |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+740                                                                                                                                          | 0+750    |   | 0.92 | 10.00                                            | 0.91  |      |         | 9.10    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+750                                                                                                                                          | 0+760    |   | 0.90 | 10.00                                            | 0.91  |      |         | 9.10    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+760                                                                                                                                          | 0+770    |   | 0.86 | 10.00                                            | 0.88  |      |         | 8.80    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+770                                                                                                                                          | 0+780    |   | 1.00 | 10.00                                            | 0.93  |      |         | 9.30    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+780                                                                                                                                          | 0+790    |   | 1.07 | 10.00                                            | 1.04  |      |         | 10.40   |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+790                                                                                                                                          | 0+800    |   | 0.97 | 10.00                                            | 1.02  |      |         | 10.20   |         |
|                                                                                                                                                                                                                                      |                                                  |          |        | 0+800                                                                                                                                          | 0+806.90 |   | 0.85 | 6.90                                             | 0.91  |      |         | 6.28    |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         | TOTAL   | 673.40  |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |
|                                                                                                                                                                                                                                      |                                                  |          |        |                                                                                                                                                |          |   |      |                                                  |       |      |         |         |         |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |                                                     |        |                                                                                                                                      |         |       |         |                          |       |            | ESTIMACION                                                    |      |      | 2 (DOS) |         |
|----------------------------|-----------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------|--------------------------|-------|------------|---------------------------------------------------------------|------|------|---------|---------|
| MUNICIPIO:                 |                                                     |        | RIO BLANCO VER.                                                                                                                      |         |       |         | CONTRATISTA:             |       |            | JOSÉ LUIS GÁMEZ MARTÍNEZ                                      |      |      |         |         |
| FONDO:                     |                                                     |        | FISM-DF 2020                                                                                                                         |         |       |         | DOMICILIO:               |       |            | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL |      |      |         |         |
| No. DE OBRA:               |                                                     |        | 2020301380007                                                                                                                        |         |       |         | PERIODO DE LA ESTIMACIÓN |       |            | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020             |      |      |         |         |
| DESCRIPCIÓN:               |                                                     |        | CONSTRUCCION DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACION HOSPITALITO |         |       |         |                          |       |            |                                                               |      |      |         |         |
| LOCALIDAD:                 |                                                     |        | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |         |       |         | FECHA DE ELABORACIÓN:    |       |            | 14 DE DICIEMBRE DE 2020                                       |      |      |         |         |
| No. DE CONTRATO:           |                                                     |        | CLJRI0BVZ/OP/2020/015                                                                                                                |         |       |         | OPERACIONES              |       |            |                                                               |      |      |         |         |
| CLAVE                      | CONCEPTO                                            | UNIDAD | LOCALIZACIÓN                                                                                                                         |         |       |         |                          |       | LARGO<br>m | ANCHO<br>m                                                    | ALTO | PZAS | PARCIAL | TOTALES |
|                            |                                                     |        | DE                                                                                                                                   |         | A     |         |                          |       |            |                                                               |      |      |         |         |
|                            |                                                     |        | KM                                                                                                                                   | ANCHO 1 | KM    | ANCHO 2 |                          |       |            |                                                               |      |      |         |         |
| EXT-05                     | RELLENO EN CEPAS CON MATERIAL DE BANCO, COMPACTADO  | M3     |                                                                                                                                      | 0.90    | 0+040 | 0+050   | 0.89                     | 10.00 | 0.90       | 0.07                                                          |      |      | 0.63    |         |
|                            |                                                     |        |                                                                                                                                      | 0.89    | 0+050 | 0+060   | 0.91                     | 10.00 | 0.90       | 0.07                                                          |      |      | 0.63    |         |
|                            |                                                     |        |                                                                                                                                      | 0.91    | 0+060 | 0+070   | 1.02                     | 10.00 | 0.97       |                                                               |      |      | 0.68    |         |
|                            | AL 90% PROCTOR, CON COMPACTADOR MANUAL (BAILARINA), |        |                                                                                                                                      | 1.02    | 0+070 | 0+080   | 0.90                     | 10.00 | 0.96       | 0.07                                                          |      |      | 0.67    |         |
|                            |                                                     |        |                                                                                                                                      | 0.90    | 0+080 | 0+090   | 0.89                     | 10.00 | 0.90       | 0.07                                                          |      |      | 0.63    |         |
|                            |                                                     |        |                                                                                                                                      | 0.89    | 0+090 | 0+100   | 0.82                     | 10.00 | 0.86       | 0.07                                                          |      |      | 0.60    |         |
|                            | INCLUYE: VOLTEO CON PALA.                           |        |                                                                                                                                      | 0.82    | 0+100 | 0+110   | 0.84                     | 10.00 | 0.83       | 0.07                                                          |      |      | 0.58    |         |
|                            |                                                     |        |                                                                                                                                      | 0.84    | 0+110 | 0+120   | 1.06                     | 10.00 | 0.95       | 0.07                                                          |      |      | 0.67    |         |
|                            |                                                     |        |                                                                                                                                      | 1.06    | 0+120 | 0+130   | 1.05                     | 10.00 | 1.06       | 0.07                                                          |      |      | 0.74    |         |
|                            |                                                     |        |                                                                                                                                      | 1.05    | 0+130 | 0+140   | 1.07                     | 10.00 | 1.06       | 0.07                                                          |      |      | 0.74    |         |
|                            |                                                     |        |                                                                                                                                      | 1.07    | 0+140 | 0+150   | 1.12                     | 10.00 | 1.10       | 0.07                                                          |      |      | 0.77    |         |
|                            |                                                     |        |                                                                                                                                      | 1.12    | 0+150 | 0+160   | 0.89                     | 10.00 | 1.01       | 0.07                                                          |      |      | 0.71    |         |
|                            |                                                     |        |                                                                                                                                      | 0.89    | 0+160 | 0+170   | 0.88                     | 10.00 | 0.89       | 0.07                                                          |      |      | 0.62    |         |
|                            |                                                     |        |                                                                                                                                      | 0.88    | 0+170 | 0+180   | 0.84                     | 10.00 | 0.86       | 0.07                                                          |      |      | 0.60    |         |
|                            |                                                     |        |                                                                                                                                      | 0.84    | 0+180 | 0+190   | 0.87                     | 10.00 | 0.86       | 0.07                                                          |      |      | 0.60    |         |
|                            |                                                     |        |                                                                                                                                      | 0.87    | 0+190 | 0+200   | 0.89                     | 10.00 | 0.88       | 0.07                                                          |      |      | 0.62    |         |
|                            |                                                     |        |                                                                                                                                      | 0.89    | 0+200 | 0+210   | 0.95                     | 10.00 | 0.92       | 0.07                                                          |      |      | 0.64    |         |
|                            |                                                     |        |                                                                                                                                      | 0.95    | 0+210 | 0+220   | 0.79                     | 10.00 | 0.87       | 0.07                                                          |      |      | 0.61    |         |
|                            |                                                     |        |                                                                                                                                      | 0.79    | 0+220 | 0+230   | 0.84                     | 10.00 | 0.82       | 0.07                                                          |      |      | 0.57    |         |
|                            |                                                     |        |                                                                                                                                      | 0.84    | 0+230 | 0+240   | 0.90                     | 10.00 | 0.87       | 0.07                                                          |      |      | 0.61    |         |
|                            |                                                     |        |                                                                                                                                      | 0.90    | 0+240 | 0+250   | 0.97                     | 10.00 | 0.94       | 0.07                                                          |      |      | 0.66    |         |
|                            |                                                     |        |                                                                                                                                      | 0.97    | 0+250 | 0+260   | 1.09                     | 10.00 | 1.03       | 0.07                                                          |      |      | 0.72    |         |
|                            |                                                     |        |                                                                                                                                      | 1.09    | 0+260 | 0+270   | 0.95                     | 10.00 | 1.02       | 0.07                                                          |      |      | 0.71    |         |
|                            |                                                     |        |                                                                                                                                      | 0.95    | 0+270 | 0+280   | 0.90                     | 10.00 | 0.93       | 0.07                                                          |      |      | 0.65    |         |
|                            |                                                     |        |                                                                                                                                      | 0.90    | 0+280 | 0+290   | 0.82                     | 10.00 | 0.86       | 0.07                                                          |      |      | 0.60    |         |
|                            |                                                     |        |                                                                                                                                      | 0.82    | 0+290 | 0+300   | 0.98                     | 10.00 | 0.90       | 0.07                                                          |      |      | 0.63    |         |
|                            |                                                     |        |                                                                                                                                      | 0.98    | 0+300 | 0+310   | 0.98                     | 10.00 | 0.98       | 0.07                                                          |      |      | 0.69    |         |
|                            |                                                     |        |                                                                                                                                      | 0.98    | 0+310 | 0+320   | 0.81                     | 10.00 | 0.90       | 0.07                                                          |      |      | 0.63    |         |
|                            |                                                     |        |                                                                                                                                      | 0.81    | 0+320 | 0+330   | 0.83                     | 10.00 | 0.82       | 0.07                                                          |      |      | 0.57    |         |
|                            |                                                     |        |                                                                                                                                      | 0.63    | 0+330 | 0+340   | 0.86                     | 10.00 | 0.85       | 0.07                                                          |      |      | 0.60    |         |
|                            |                                                     |        |                                                                                                                                      | 0.86    | 0+340 | 0+350   | 0.85                     | 10.00 | 0.86       | 0.07                                                          |      |      | 0.60    |         |
|                            |                                                     |        |                                                                                                                                      | 0.85    | 0+350 | 0+360   | 0.87                     | 10.00 | 0.88       | 0.07                                                          |      |      | 0.60    |         |
|                            |                                                     |        |                                                                                                                                      | 0.87    | 0+360 | 0+370   | 0.84                     | 10.00 | 0.86       | 0.07                                                          |      |      | 0.60    |         |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                                                                                                                                                                |                                                     |        |              |      |          |      |       |       |       | ESTIMACION                                                                      |                                 |         |         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------|--------------|------|----------|------|-------|-------|-------|---------------------------------------------------------------------------------|---------------------------------|---------|---------|--|
| <b>MUNICIPIO:</b> RIO BLANCO VER.<br><b>FONDO:</b> FISM-DF 2020<br><b>No. DE OBRA:</b> 2020301380007<br><b>DESCRIPCIÓN:</b> CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO<br><b>LOCALIDAD:</b> SANTA CATARINA, RIO BLANCO VERACRUZ<br><b>No. DE CONTRATO:</b> CLURIOBVZOP/2020/015 |                                                     |        |              |      |          |      |       |       |       | <b>CONTRATISTA:</b> JOSÉ LUIS GÁMEZ MARTÍNEZ                                    | <b>2 (DOS)</b>                  |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        |              |      |          |      |       |       |       | <b>DOMICILIO:</b> ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUIL | <b>PERIODO DE LA ESTIMACIÓN</b> |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        |              |      |          |      |       |       |       | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020                               | <b>FECHA DE ELABORACIÓN:</b>    |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        |              |      |          |      |       |       |       | 14 DE DICIEMBRE DE 2020                                                         | <b>OPERACIONES</b>              |         |         |  |
| CLAVE                                                                                                                                                                                                                                                                                                                                                                     | CONCEPTO                                            | UNIDAD | LOCALIZACIÓN |      |          |      |       | LARGO | ANCHO | ALTO                                                                            | PZAS                            | PARCIAL | TOTALES |  |
| EXT-05                                                                                                                                                                                                                                                                                                                                                                    | RELLENO EN CEPAS CON MATERIAL DE BANCO, COMPACTADO  | M3     | DE           | A    |          |      |       |       |       |                                                                                 |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+370        | 0.84 | 0+380    | 0.95 | 10.00 | 0.90  | 0.07  | 0.63                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+380        | 0.95 | 0+390    | 1.01 | 10.00 | 0.98  | 0.07  | 0.69                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+390        | 1.01 | 0+393    | 1.00 | 3.00  | 1.01  | 0.07  | 0.21                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           | AL 90% PROCTOR, CON COMPACTADOR MANUAL (BAILARINA), |        | 0+393.60     | 0.90 | 0+400    | 0.88 | 0.40  | 0.89  | 0.07  | 0.02                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+400        | 0.88 | 0+410    | 0.85 | 10.00 | 0.87  | 0.07  | 0.61                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+410        | 0.85 | 0+420    | 1.03 | 10.00 | 0.94  | 0.07  | 0.66                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+420        | 1.03 | 0+430    | 0.81 | 10.00 | 0.92  | 0.07  | 0.64                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           | INCLUYE: VOLTEO CON PALA.                           |        | 0+430        | 0.81 | 0+431.10 | 0.81 | 1.10  | 0.81  | 0.07  | 0.06                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+431.10     | 0.81 | 0+440    | 0.65 | 4.60  | 0.84  | 0.07  | 0.27                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+440        | 0.65 | 0+450    | 0.79 | 10.00 | 0.82  | 0.07  | 0.57                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+450        | 0.79 | 0+460    | 0.88 | 10.00 | 0.84  | 0.07  | 0.59                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+460        | 0.88 | 0+470    | 0.86 | 10.00 | 0.87  | 0.07  | 0.61                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+470        | 0.86 | 0+480    | 0.85 | 10.00 | 0.86  | 0.07  | 0.60                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+480        | 0.85 | 0+490    | 0.69 | 10.00 | 0.87  | 0.07  | 0.61                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+490        | 0.69 | 0+500    | 0.86 | 10.00 | 0.88  | 0.07  | 0.62                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+500        | 0.86 | 0+510    | 0.83 | 10.00 | 0.85  | 0.07  | 0.60                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+510        | 0.83 | 0+520    | 0.84 | 10.00 | 0.84  | 0.07  | 0.59                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+520        | 0.84 | 0+530    | 0.83 | 10.00 | 0.84  | 0.07  | 0.59                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+530        | 0.83 | 0+540    | 0.86 | 10.00 | 0.85  | 0.07  | 0.60                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+540        | 0.86 | 0+550    | 0.92 | 10.00 | 0.89  | 0.07  | 0.62                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+550        | 0.92 | 0+560    | 0.90 | 10.00 | 0.91  | 0.07  | 0.64                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+560        | 0.90 | 0+570    | 0.87 | 10.00 | 0.89  | 0.07  | 0.62                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+570        | 0.87 | 0+580    | 1.00 | 10.00 | 0.94  | 0.07  | 0.66                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+580        | 1.00 | 0+590    | 1.10 | 10.00 | 1.05  | 0.07  | 0.74                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+590        | 1.10 | 0+600    | 0.77 | 10.00 | 0.94  | 0.07  | 0.66                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+600        | 0.77 | 0+610    | 1.27 | 10.00 | 1.02  | 0.07  | 0.71                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+610        | 1.27 | 0+620    | 0.85 | 10.00 | 1.06  | 0.07  | 0.74                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+620        | 0.85 | 0+630    | 1.09 | 10.00 | 0.97  | 0.07  | 0.68                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+630        | 1.09 | 0+640    | 0.76 | 10.00 | 0.93  | 0.07  | 0.65                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+640        | 0.76 | 0+650    | 0.66 | 10.00 | 0.71  | 0.07  | 0.50                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+650        | 0.66 | 0+660    | 0.78 | 10.00 | 0.72  | 0.07  | 0.50                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+660        | 0.78 | 0+667.90 | 0.76 | 1.90  | 0.77  | 0.07  | 0.10                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+667.90     | 0.76 | 0+669    | 0.00 | 2.10  | 0.38  | 0.07  | 0.03                                                                            | 0.50                            |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+675.60     | 0.80 | 0+676.60 | 0.83 | 1.00  | 0.62  | 0.07  | 0.06                                                                            |                                 |         |         |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                                                     |        | 0+676.60     | 0.83 | 0+680    | 0.94 | 3.40  | 0.89  | 0.07  | 0.21                                                                            |                                 |         |         |  |

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SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER. 2018 – 2021 DIRECCIÓN DE OBRAS PUBLICAS



## NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA                                                                                                                                                                                                           |  |                                                                                      |    |          |      |              |       |       |      | ESTIMACION                                        |         |                                                                 |  | 2 (DOS) |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|----|----------|------|--------------|-------|-------|------|---------------------------------------------------|---------|-----------------------------------------------------------------|--|---------|--|
| MUNICIPIO: RIO BLANCO VER.<br>FONDO: FISM-DF 2020<br>No. DE OBRA: 2020301380007<br>DESCRIPCIÓN: CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |  |                                                                                      |    |          |      |              |       |       |      | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ             |         | ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 IXTACZOQUILTL |  |         |  |
| LOCALIDAD: SANTA CATARINA, RIO BLANCO VERACRUZ<br>No. DE CONTRATO: CL/RIOBVZ/OP/2020/015                                                                                                                                             |  |                                                                                      |    |          |      |              |       |       |      | DOMICILIO:                                        |         |                                                                 |  |         |  |
| PERIODO DE LA ESTIMACIÓN                                                                                                                                                                                                             |  |                                                                                      |    |          |      |              |       |       |      | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020 |         |                                                                 |  |         |  |
| FECHA DE ELABORACIÓN:                                                                                                                                                                                                                |  |                                                                                      |    |          |      |              |       |       |      | 14 DE DICIEMBRE DE 2020                           |         |                                                                 |  |         |  |
| CLAVE                                                                                                                                                                                                                                |  | CONCEPTO                                                                             |    | UNIDAD   |      | LOCALIZACIÓN |       |       |      |                                                   |         | OPERACIONES                                                     |  |         |  |
| EXT-05                                                                                                                                                                                                                               |  | RELLENO EN CEPAS CON MATERIAL DE BANCO, COMPACTADO                                   | M3 | DE       | A    | LARGO        | ANCHO | ALTO  | PZAS | PARCIAL                                           | TOTALES |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  | AL 90% PROCTOR, CON COMPACTADOR MANUAL (BAILARINA),<br><br>INCLUYE: VOLTEO CON PALA. |    | 0+680    | 0.94 | 0+680        | 1.14  | 10.00 | 1.04 | 0.07                                              | 0.73    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+690    | 1.14 | 0+694.80     | 1.33  | 4.80  | 1.24 | 0.07                                              | 0.42    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+699.75 | 0.75 | 0+700        | 0.75  | 0.25  | 0.75 | 0.07                                              | 0.01    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+700    | 0.75 | 0+710        | 0.83  | 10.00 | 0.79 | 0.07                                              | 0.55    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+710    | 0.83 | 0+720        | 1.15  | 10.00 | 0.99 | 0.07                                              | 0.89    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+720    | 1.15 | 0+726.30     | 0.93  | 6.30  | 1.04 | 0.07                                              | 0.46    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+729.60 | 1.21 | 0+730        | 1.21  | 0.40  | 1.21 | 0.07                                              | 0.03    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+730    | 1.21 | 0+740        | 0.90  | 10.00 | 1.06 | 0.07                                              | 0.74    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+740    | 0.90 | 0+750        | 0.92  | 10.00 | 0.91 | 0.07                                              | 0.64    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+750    | 0.92 | 0+760        | 0.90  | 10.00 | 0.91 | 0.07                                              | 0.64    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+760    | 0.90 | 0+770        | 0.86  | 10.00 | 0.88 | 0.07                                              | 0.62    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+770    | 0.86 | 0+780        | 1.00  | 10.00 | 0.93 | 0.07                                              | 0.65    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+780    | 1.00 | 0+790        | 1.07  | 10.00 | 1.04 | 0.07                                              | 0.73    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+790    | 1.07 | 0+800        | 0.97  | 10.00 | 1.02 | 0.07                                              | 0.71    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    | 0+800    | 0.97 | 0+806.90     | 0.85  | 6.90  | 0.91 | 0.07                                              | 0.44    |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       | TOTAL |      | 47.13                                             |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |
|                                                                                                                                                                                                                                      |  |                                                                                      |    |          |      |              |       |       |      |                                                   |         |                                                                 |  |         |  |

ELABORO  
JOSE LUIS GÁMEZ MARTÍNEZ  
REPRESENTANTE LEGAL

AUTORIZÓ  
ING. EDER PALACIOS MENDEZ  
SUPERVISOR DE OBRA



# H. AYUNTAMIENTO DE RIO BLANCO, VER.

## 2018 – 2021

### DIRECCIÓN DE OBRAS PUBLICAS



#### NUMEROS GENERADORES DE OBRA

| DATOS GENERALES DE LA OBRA |          |                                                       |        |                                                                                                                                      |           |       |       |      |             |         |       |      |       |         | ESTIMACION                                                              |  |  |  | 2 (DOS) |  |  |  |
|----------------------------|----------|-------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|-------|------|-------------|---------|-------|------|-------|---------|-------------------------------------------------------------------------|--|--|--|---------|--|--|--|
| MUNICIPIO:                 |          |                                                       |        | RIO BLANCO VER                                                                                                                       |           |       |       |      |             |         |       |      |       |         | CONTRATISTA: JOSÉ LUIS GÁMEZ MARTÍNEZ                                   |  |  |  |         |  |  |  |
| FONDO:                     |          |                                                       |        | FISM-DF 2020                                                                                                                         |           |       |       |      |             |         |       |      |       |         | DOMICILIO: ORIENTE 4 NO 35 INTERIOR 1 COL. CENTRO C.P. 94460 XTACZOQUIL |  |  |  |         |  |  |  |
| No. DE OBRA:               |          |                                                       |        | 2020301380007                                                                                                                        |           |       |       |      |             |         |       |      |       |         |                                                                         |  |  |  |         |  |  |  |
| DESCRIPCIÓN:               |          |                                                       |        | CONSTRUCCIÓN DE PAVIMENTACION EN CALLE MIGUEL ALEMAN E INDEPENDENCIA ENTRE CALLE GUADALUPE VICTORIA Y CALLE PROLONGACIÓN HOSPITALITO |           |       |       |      |             |         |       |      |       |         | PERIODO DE LA ESTIMACIÓN                                                |  |  |  |         |  |  |  |
|                            |          |                                                       |        |                                                                                                                                      |           |       |       |      |             |         |       |      |       |         | 16 DE NOVIEMBRE DE 2020 A 30 DE NOVIEMBRE DE 2020                       |  |  |  |         |  |  |  |
| LOCALIDAD:                 |          |                                                       |        | SANTA CATARINA, RIO BLANCO VERACRUZ                                                                                                  |           |       |       |      |             |         |       |      |       |         | FECHA DE ELABORACIÓN:                                                   |  |  |  |         |  |  |  |
| No. DE CONTRATO:           |          |                                                       |        | CL/RIOBVZ/OP/2020/015                                                                                                                |           |       |       |      |             |         |       |      |       |         | 14 DE DICIEMBRE DE 2020                                                 |  |  |  |         |  |  |  |
| CLAVE                      | EXT - 06 | CONCEPTO                                              | UNIDAD | LOCALIZACIÓN                                                                                                                         |           |       |       |      | OPERACIONES |         |       |      |       | TOTALES |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | DE                                                                                                                                   | A         | LARGO | ANCHO | ALTO | PZAS        | PARCIAL |       |      |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          | RENIVELACION DE POZOS EXISTENTES, INCLUYE:            | PZA    | POZO 1                                                                                                                               | 0+005.00  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          | DEMOLICIONES, RENIVELACION HASTA 4 HILADAS DE TABIQUE |        | POZO 2                                                                                                                               | 0+041.80  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          | ROJO RECOCIDO, COLOCACION DE TAPA PAD TRAFICO         |        | POZO 3                                                                                                                               | 0+088.90  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          | PESADO, RETIRO DE BROCALES EXISTENTES Y ENTREGA AL    |        | POZO 4                                                                                                                               | 0+095.40  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          | MUNICIPIO, COLADO CON CONCRETO ARMADO PARA FIJACION   |        | POZO 5                                                                                                                               | 0+0113.70 |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          | DE LA TAPA PAD.                                       |        | POZO 6                                                                                                                               | 0+148.50  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 7                                                                                                                               | 0+180.20  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 8                                                                                                                               | 0+248.60  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 9                                                                                                                               | 0+253.90  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 10                                                                                                                              | 0+304.90  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 11                                                                                                                              | 0+311.70  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 12                                                                                                                              | 0+333.50  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 13                                                                                                                              | 0+367.60  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 14                                                                                                                              | 0+372.70  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 15                                                                                                                              | 0+388.80  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 16                                                                                                                              | 0+457.60  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 17                                                                                                                              | 0+462.30  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 18                                                                                                                              | 0+513.30  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 19                                                                                                                              | 0+535.90  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 20                                                                                                                              | 0+540.70  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 21                                                                                                                              | 0+585.50  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 22                                                                                                                              | 0+624.70  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 23                                                                                                                              | 0+631.50  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 24                                                                                                                              | 0+666.00  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        | POZO 25                                                                                                                              | 0+734.10  |       |       |      |             |         | 1.00  | 1.00 |       |         |                                                                         |  |  |  |         |  |  |  |
|                            |          |                                                       |        |                                                                                                                                      |           |       |       |      |             |         | TOTAL |      | 25.00 |         |                                                                         |  |  |  |         |  |  |  |

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