**FORMULARIO 1**

**FORMULARIO DE PRESUPUESTO OFICIAL**

Señores

**EICE FARO DEL CATATUMBO S.A.S.**

Avenida 5 N° 13-82. Centro de Negocios 5ta avenida, oficina 208

Cúcuta, Colombia

**REFERENCIA: IP-FC-03-2022 MEJORAMIENTO DE VÍAS TERCIARIAS EN LOS MUNICIPIOS DE CUCUTA PUERTO SANTANDER Y VILLA DEL ROSARIO DEPARTAMENTO NORTE DE SANTANDER**

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La Subrasante | m2 | 3.247,01 | $ 1.470,00 | $ 4.773.105,00 | | 1,4 | Sub-base Granular Clase A | m3 | 576,30 | $ 81.258,00 | $ 46.828.606,00 | | 1,5 | Concreto estructural clase D | m3 | 255,41 | $ 973.665,00 | $ 248.683.778,00 | | 1,6 | Cuneta de Concreto Vaciada In Situ | m3 | 222,12 | $ 973.665,00 | $ 216.270.470,00 | | 1,7 | Concreto Resistencia 21MPa (Ciclopeo) | m3 | 115,16 | $ 709.514,00 | $ 81.707.632,00 | | 1,8 | Concreto Resistencia 21MPa (D) | m3 | 10,50 | $ 973.665,00 | $ 10.223.483,00 | | 1,9 | Acero de Refuerzo Fy 4200 Mpa | kg | 39.109,71 | $ 8.214,00 | $ 321.247.158,00 | | 1.10. | Sellado de Junta | ml | 1.148,50 | $ 15.890,00 | $ 18.249.665,00 | | **2** | **RETIRO DE SOBRANTES** |  |  |  | **$ 43.430.715,00** | | 2,1 | Cargue Mecánico transporte y disposición final de residuos de construcción o demolición-rcd | m3 | 1.793,62 | $ 24.214,00 | $ 43.430.715,00 | |  | **PRESUPUESTO VIA TERCIARIA LA VEGA-PAMPLONITA (PR0+000 AL PR0+415) MUNICIPIO DE PUERTO SANTANDER** |  |  |  | **$ 834.992.454,00** | | **3** | **PLACA HUELLA ( RESOLUCION 04401-17) (PR0+000 AL PR0+415)** | **ml** | **415,00** |  | **$ 813.691.398,00** | | 3,1 | Excavaciones Varias en Material Común | m3 | 230,94 | $ 10.440,00 | $ 2.411.029,00 | | 3,2 | Excavaciones a Mano Varias sin Clasificar | m3 | 42,68 | $ 30.590,00 | $ 1.305.581,00 | | 3,3 | Conformacion De La Subrasante | m2 | 2.092,55 | $ 1.470,00 | $ 3.076.049,00 | | 3,4 | Sub-base Granular Clase A | m3 | 390,29 | $ 144.492,00 | $ 56.393.330,00 | | 3,5 | Concreto estructural clase D | m3 | 131,04 | $ 1.056.379,00 | $ 138.427.904,00 | | 3,6 | Cuneta de Concreto Vaciada In Situ | m3 | 149,40 | $ 1.063.557,00 | $ 158.895.416,00 | | 3,7 | Concreto Resistencia 21MPa (Ciclopeo) | m3 | 104,15 | $ 763.895,00 | $ 79.561.574,00 | | 3,8 | Acero de Refuerzo Fy 4200 Mpa | kg | 22.060,44 | $ 8.359,00 | $ 184.403.218,00 | | 3,9 | Construcción de alcantarilla D=36", incluye tubería PVC, excavación, rellenos, concreto de 21Mpa, con acero de refuerzo en la caja de entrada, pantalla de salida y aletas según diseño | Und | 5,00 | $ 35.582.948,00 | $ 177.914.740,00 | | 3,10 | Sellado de Junta | ml | 711,30 | $ 15.890,00 | $ 11.302.557,00 | | **4** | **RETIRO DE SOBRANTES** |  |  |  | **$ 21.301.056,00** | | 4,1 | Cargue Mecánico transporte y disposición final de residuos de construcción o demolición-rcd | m3 | 879,70 | $ 24.214,00 | $ 21.301.056,00 | |  | **PRESUPUESTO VIA TERCIARIA CUEVA DE LOS MICOS-LA REPRESA (PR9+034 AL PR9+098) Y (PR10+860 AL PR11+010) MUNICIPIO DE CÚCUTA** | **ml** | **214,00** |  | **$ 1.025.827.601,00** | | **5** | **OBRAS DE DRENAJE (BOX CULVERT´S) (PR09+078.45 AL PR09+088.95) Y (PR10+927.78 AL PR10+943.28)** |  |  |  | **$ 616.601.161,00** | | 5,1 | Demolición de Estructuras | m3 | 11,70 | $ 115.991,00 | $ 1.357.067,00 | | 5,2 | Cargue Mecánico transporte y disposición final de residuos de construcción o demolición-rcd | m3 | 16,38 | $ 24.214,00 | $ 396.617,00 | | 5,3 | Anclajes para realce y ampliación (art. 623-13 Invias) | und | 30,00 | $ 19.439,00 | $ 583.170,00 | | 5,4 | Concreto Resistencia 21MPa (Ciclopeo) | m3 | 312,91 | $ 694.535,70 | $ 217.327.166,00 | | 5,5 | Concreto Resistencia 28MPa (C ) | m3 | 179,93 | $ 1.030.544,70 | $ 185.425.908,00 | | 5,6 | Acero de Refuerzo Fy 4200 Mpa | kg | 23.840,59 | $ 8.493,00 | $ 202.478.148,00 | | 5,7 | Cinta flexible Pvc o-22, para sello de juntas | ml | 125,60 | $ 69.022,33 | $ 8.669.204,00 | | 5,8 | Sellado de Junta | ml | 22,90 | $ 15.890,00 | $ 363.881,00 | | **6** | **MOVIMIENTO DE TIERRAS** |  |  |  | **$ 21.206.417,00** | | 6,1 | Excavaciones Varias en Material Común | m3 | 505,90 | $ 10.440,00 | $ 5.281.596,00 | | 6,2 | Cargue Mecánico transporte y disposición final de residuos de construcción o demolición-rcd | m3 | 657,67 | $ 24.214,00 | $ 15.924.821,00 | | **7** | **PLACA HUELLA ( RESOLUCION 04401-17) (PR9+034 AL PR9+098) Y (PR10+860 AL PR11+010)** | **ml** | **198,50** |  | **$ 388.020.023,00** | | 7,1 | Conformación De La Subrasante | m2 | 1.174,07 | $ 1.470,00 | $ 1.725.883,00 | | 7,2 | Sub-base Granular Clase A | m3 | 1.193,63 | $ 66.610,00 | $ 79.507.778,00 | | 7,3 | Excavaciones a Mano Varias sin Clasificar | m3 | 12,59 | $ 30.590,00 | $ 385.128,00 | | 7,4 | Cargue Mecánico transporte y disposición final de residuos de construcción o demolición-rcd | m3 | 16,37 | $ 24.214,00 | $ 396.383,00 | | 7,5 | Acero de Refuerzo Fy 4200 Mpa | kg | 11.456,01 | $ 8.259,00 | $ 94.615.187,00 | | 7,6 | Concreto estructural clase D | m3 | 120,66 | $ 970.253,00 | $ 117.070.727,00 | | 7,7 | Cuneta de Concreto Vaciada In Situ | m3 | 71,46 | $ 970.253,00 | $ 69.334.279,00 | | 7,8 | Concreto Resistencia 21MPa (Ciclopeo) | m3 | 26,36 | $ 701.608,00 | $ 18.494.387,00 | | 7,9 | Sellado de Junta | ml | 408,45 | $ 15.890,00 | $ 6.490.271,00 | |  |  |  |  |  |  | |  | **TOTAL COSTOS DIRECTOS** | | |  | **$ 2.860.602.220,00** | |  | **AU** | | | **30%** | **$ 858.180.666,00** | |  | **COSTO TOTAL DE OBRA** | | |  | **$ 3.718.782.886,00** | |  | **EVALUACIÓN Y SEGUIMIENTO DE INSTRUMENTOS DE CONTROL Y MANEJO AMBIENTAL (PERMISOS CONCESIONES Y AUTORIZACIONES (0.5%)** | | |  | **$ 20.999.646,00** | |  | **PROGRAMA DE ADAPTACION AMBIENTAL (PAGA)** | | |  | **$ 41.722.593,00** | |  | **PLAN DE MANEJO DE TRÁNSITO (PMT)** | | |  | **$ 122.789.652,00** | |  | **CARACTERIZACION DE LA VIA** | | |  | **$ 19.305.000,00** | |  | **TOTAL VALOR DEL PROYECTO** | | |  | **$ 3.923.599.777,00** | | |