



EMPRESA MOLINSUR S.A.

AMPLIACIÓN DE OBRA LIC C71- PUNTE SOBRE RÍO CEBOLLATI-

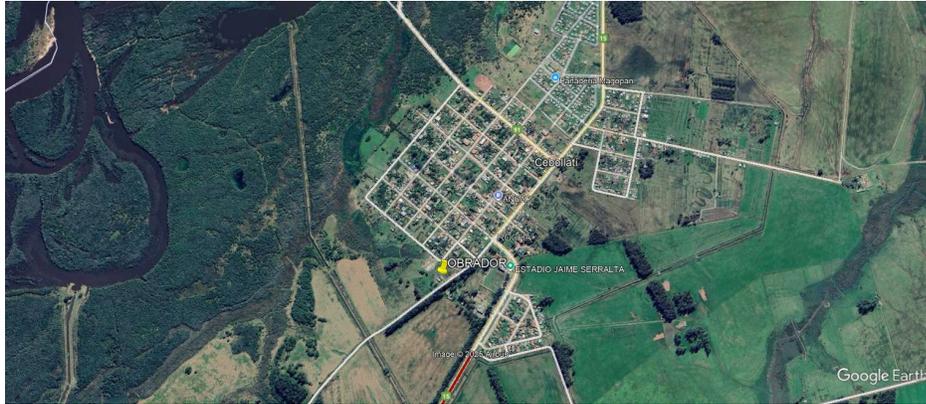
FLUJO DE FONDOS

| GRUPO | RUBRO | DESCRIPCIÓN | UNIDAD | IMPORTE (\$) |
|---|-------|--|-----------|----------------------|
| RUBROS GENERALES | | | | |
| 1 | 1 | Modificación | gr | 1,018,880.00 |
| 2 | 75 | Reingeniería ambiental | gr | 1,829,756.18 |
| 17 | 583 | Satisfacción de obra | gr | 364,763.15 |
| 89 | 1302 | Ayuda para atención de servicios | gr | 1,050,000.00 |
| 80 | 912 | Alimentación | Pers/Vtas | 214,872.00 |
| 81 | 8100 | Comensales con chofar | com/tras | 648,856.00 |
| 89 | 930 | Alquiler de plantas de obra | Pers/Vtas | 508,000.00 |
| | | | | SUBTOTAL (\$) |
| | | | | 6,897,853.18 |
| TRABAJOS ASIGNADOS AL PUNTE DE CARRETERA | | | | |
| 2 | 65 | Urgencia de corte de riego (No incluye reposición de especies vegetales) | gr | 4,390,000.00 |
| 14 | 811 | Albardados nuevos | m | 1,290,000.00 |
| 76 | 1310 | Provisión para mantenimiento de puentes y seccion | gr | 1,171,000.00 |
| 17 | 584 | Remoción de puente sobre R 17 | gr | 1,836,836.00 |
| 13 | 294 | Alcantarillas de cañón de hormigón para lograr curvas vehiculares | m | 181,831.20 |
| | | | | SUBTOTAL (\$) |
| | | | | 10,068,776.20 |
| RETENCIÓN DE RUTA 15 Y RUTA 19 | | | | |
| 2 | 6 | Restricción no clasificada | m3 | 66,729.70 |
| 2 | 7 | Restricción no clasificada a depósito | m3 | 688,805.48 |
| 4 | 56 | Cemento portland para base estabilizada con cemento | ton | 629,267.16 |
| 3 | 78 | Transporte de material de base | m3/m | 1,230,813.00 |
| 3 | 88 | Transporte de mezcla asfáltica | ton/m3 | 3,096,360.00 |
| 5 | 102 | Mezcla asfáltica para carpeta de rodadura | ton | 2,113,888.75 |
| 6 | 111 | Separación de tratamiento bituminoso de argamasa | m2 | 68,988.00 |
| 6 | 118 | Separación de tratamiento bituminoso de adherencia | m2 | 63,313.00 |
| 7 | 131 | Resa granzar (BR 40 % (con transporte) | m3 | 1,584,802.10 |
| 7 | 133 | Resa granzar (BR 40 % (con transporte) | m3 | 739,548.18 |
| 7 | 180 | Resaca de pavimentos | m3 | 290,242.10 |
| 8 | 212 | Aplicación pintura fino para tratamiento | m3 | 65,000.00 |
| 13 | 263 | Hormigón armado clase VI para abrigos de alcantarillas | m3 | 46,294.08 |
| 13 | 274 | Alcantarillas de cañón de hormigón armado de 60 cm (con subsección) | m | 288,710.80 |
| 13 | 285 | Cableteas de hormigón armado clase VI para alcantarillas de cañón | m3 | 110,224.00 |
| 17 | 379 | Refrío y colocación de señalización | gr | 64,615.00 |
| 20 | 439 | Acordón de hormigón de concreto | m3 | 74,844.00 |
| 20 | 406 | Barra para pavimentos | c/a | 636,447.00 |
| 69 | 873 | Carbones de hormigón simple | m | 644,898.00 |
| 133 | 2134 | Suministro, transporte y colocación de cemento asfáltico | ton | 1,188,005.18 |
| 132 | 2125 | Suministro, transporte y colocación de emulsiones asfálticas | m3 | 177,687.00 |
| 805 | 3050 | Señales clase 1 instaladas | m2 | 835,430.00 |
| 42 | 424 | Poste de caño para señales | m al3 | 688,896.00 |
| 41 | 424-2 | Soporte para señales 2.40*2.40 en 12767 | m | 66,095.00 |
| 41 | 424-4 | Soporte para señales 2.40*2.40 en 12767 | m | 79,758.00 |
| 804 | 3062 | Teñidos instalados | c/a | 60,280.00 |
| 804 | 3063 | Se aplicados en caliente | m2 | 64,120.00 |
| 804 | 3064 | Rese aplicados en caliente | m2 | 288,540.00 |
| 804 | 3065 | Asfalto aplicados en caliente | m2 | 214,830.00 |
| 804 | 3066 | Superficies aplicados en caliente | m2 | 562,000.00 |
| 805 | 3051 | Superficies portadas (curbstone) | m2 | 225,760.00 |
| | | | | SUBTOTAL (\$) |
| | | | | 18,969,229.25 |

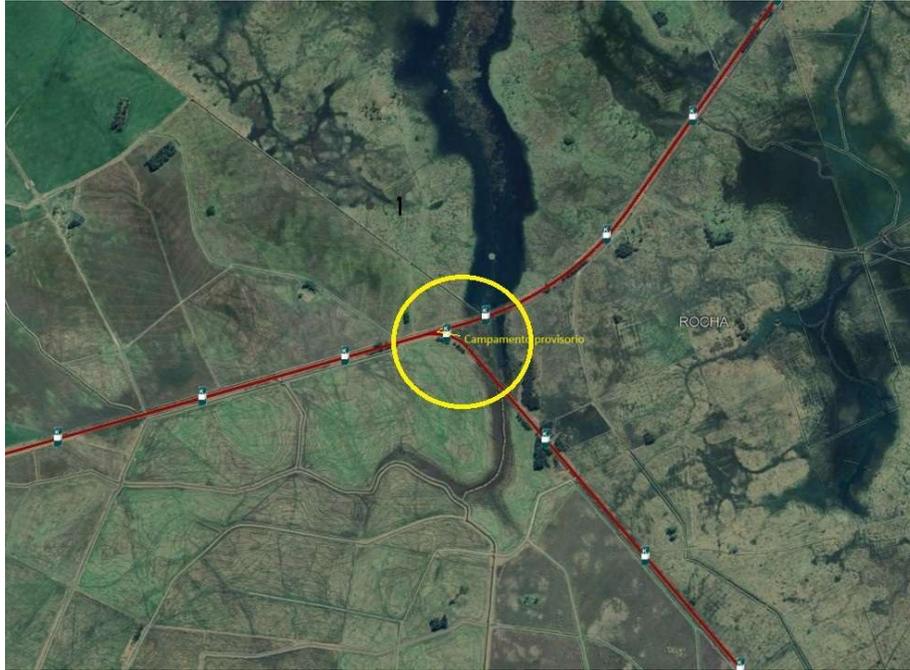
| N° EJECUTADO AL 30/1/25 | Feb-25 | Mar-25 | Abr-25 | May-25 |
|-------------------------|--------------|--------------|--------------|--------------|
| 1,018,880.00 | - | - | - | - |
| 864,276.14 | - | - | - | 864,276.14 |
| 364,763.15 | - | - | - | - |
| 1,050,000.00 | - | - | - | - |
| 214,872.00 | 25,812.00 | - | - | - |
| 648,856.00 | 838,076.00 | - | - | - |
| 112,644.00 | 81,136.00 | - | - | - |
| SUBTOTAL | | | | |
| 467,380.00 | 326,253.00 | 329,250.00 | 329,250.00 | 329,470.00 |
| 836,000.00 | 1,124,560.00 | 1,124,560.00 | 1,124,560.00 | 1,124,560.00 |
| 1,171,000.00 | - | - | - | - |
| 1,836,836.00 | - | - | - | - |
| 181,831.20 | - | - | - | - |
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| 1,836,836.00 | - | - | - | |

Obradores

Ubicación del obrador en Cebollatí:



Ubicación del campamento provisorio en Ruta 15 y R19:



Situación pre-operacional

Registros fotográficos previos a la obra:

Curva de R15 dentro de Cebollatí



Ruta 15 en dirección a Lascano-Pueblo Cebollatí



Empalme de Ruta 15 y Ruta 19-Vista en dirección a Pueblo Cebollatí



Trabajos con hormigón

Los trabajos de hormigón se ejecutarán en sitio mediante el empleo de hormigoneras con motor a combustión. La capacidad de producción será de una bolsa por canchada. Las tareas se realizarán a pie de obra, luego de cada hormigonado se trasladarán todos los equipos al obrador y las herramientas involucradas, se lavarán en tanques de 200 lts acondicionados para ello, al agua resultante se le analizará su PH, si este es menor a 7 se adicionará ácido clorhídrico hasta neutralizar la misma, luego se decantará en sitio. Los materiales residuales de los lavados se incorporarán al relleno a realizar en distintos frentes de obra.

PLAN DE MANEJO DE AGUAS PLUVIALES

El objetivo es instrumentar durante toda la obra un plan de evacuación de pluviales siguiendo los criterios actuales de funcionamiento. Previamente se realizará un relevamiento de toda la zona de obras.

Con esta obra no se prevé cambiar el escurrimiento actual de los mismos, por lo que se mantendrán en funcionamiento los existentes hasta tanto algunos se vayan sustituyendo para adecuarlos a los proyectados.

Las tareas involucradas suponen la colocación de tuberías de hormigón que reemplazarán las existentes y mejorarán las secciones, por tanto, se obtendrá un funcionamiento correcto de todo el sistema.

Abastecimiento de Combustible

El abastecimiento de combustible se realiza mediante camiones surtidores, los cuales proveen a los equipos de gasoil, cuentan con pico surtidor y bandejas de contención que se colocarán debajo de la manguera para evitar derrames

En obra también se contará con bolsa de kit de absorción de derrame. (IT8115 Rev2).

No se cuenta con almacenamiento de productos químicos en la obra