

| PRECIOS UNITARIOS                                          |                              |               |          |                |             |  |  |                |                |
|------------------------------------------------------------|------------------------------|---------------|----------|----------------|-------------|--|--|----------------|----------------|
| #REF1                                                      |                              |               |          |                |             |  |  |                |                |
| Registo (0.000 km) en Concreto de 3500 PSI (Fondo y Tapas) |                              |               |          |                |             |  |  |                |                |
| #REF1                                                      |                              |               |          |                |             |  |  |                |                |
| UNIDAD UN                                                  |                              |               |          |                |             |  |  |                |                |
| A                                                          | MATERIALES                   |               |          |                |             |  |  |                |                |
|                                                            | DESCRIPCION                  | UNIDAD        | CANTIDAD | V. UNITARIO    | DESC(%)     |  |  | V. PARCIAL     |                |
| 1                                                          | Concreto 3500 PSI para Fondo | M3            | 0.004    | 578.833.00 Pps |             |  |  | 36.317.33 Pps  |                |
| 2                                                          | Concreto 3500 PSI para Tapas | M3            | 0.024    | 578.833.00 Pps |             |  |  | 139.719.94 Pps |                |
| 3                                                          | Concreto 3500 PSI para Muro  | M3            | 0.046    | 578.833.00 Pps |             |  |  | 36.317.33 Pps  |                |
| 4                                                          | Acido de sulfato             | kg            | 21.79    | 2.685.00 Pps   |             |  |  | 58460.00 Pps   |                |
| 5                                                          | SALA impermeabilizante       | kg            | 0.542    | 5.900.00 Pps   |             |  |  | 3.195.00 Pps   |                |
| SUB-TOTAL MATERIALES                                       |                              |               |          |                |             |  |  | \$             | 362.559.76 Pps |
| B                                                          | MAGNAGUIN Y EQUIPO           |               |          |                |             |  |  |                |                |
|                                                            | DESCRIPCION                  | TARIFA/DIA    |          | RENDIMIENTO    |             |  |  | V. PARCIAL     |                |
| 1                                                          | Mano de obra Menores         | 25.000.00 Pps |          | 1              |             |  |  | 25.000.00 Pps  |                |
| 2                                                          | Equipo                       | 17.800.00 Pps |          | 4              |             |  |  | 71.120.00 Pps  |                |
| SUB-TOTAL MAGNAGUIN Y EQUIPOS                              |                              |               |          |                |             |  |  | \$             | 33.860.00 Pps  |
| C                                                          | TRANSPORTE                   |               |          |                |             |  |  |                |                |
|                                                            | MATERIALES                   | VOL/TON       |          | DISTA. KM      | TARIFA/DIA  |  |  | V. PARCIAL     |                |
| SUB-TOTAL TRANSPORTE                                       |                              |               |          |                |             |  |  | \$             | - Pps          |
| D                                                          | MANO DE OBRA                 |               |          |                |             |  |  |                |                |
|                                                            | TRABAJADOR                   | JORNAL        | PREST    | JORNAL TOTAL   | RENDIMIENTO |  |  | V. PARCIAL     |                |
| 1                                                          | Oficial                      | 36.000        | 73.920   | 576.333.33 Pps | 3.5         |  |  | 488.633.33 Pps |                |

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|-----------------------------------|------------|--|----------|----------|-------------|---------------|
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$ |            |  |          |          |             | 12,873.95 PIS |
| C                                 | TRANSPORTE |  |          |          |             |               |
|                                   | MATERIALES |  | VOL/TONS | DISTA/KM | M3 o Ton/km | TARIFA        |
|                                   |            |  |          |          |             | V. PARCIAL    |
|                                   |            |  |          |          |             |               |
|                                   |            |  |          |          |             |               |
|                                   |            |  |          |          |             |               |
|                                   |            |  |          |          |             |               |
|                                   |            |  |          |          |             |               |
|                                   |            |  |          |          |             |               |
| SUB-TOTAL TRANSPORTES \$          |            |  |          |          |             | - PIS         |

|  |               |  |  |  |  |  |                |
|--|---------------|--|--|--|--|--|----------------|
|  | COSTO DIRECTO |  |  |  |  |  | 14.377.61 Ptas |
|  | COSTO TOTAL   |  |  |  |  |  | 14.377.61 Ptas |

|  |                                                                |           |
|--|----------------------------------------------------------------|-----------|
|  | Excavación manual en material conglomerado (<1.50 m) Registros | #REF!     |
|  |                                                                | UNIDAD M3 |

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| D | MANO DE OBRA |        |        |                |               |
|---|--------------|--------|--------|----------------|---------------|
|   | TRABAJADOR   | JORNAL | PREST  | JORNAL TOTAL   | RENDIMIENTO   |
| 2 | Obreiro (2)  | 97.667 | 82.847 | 180.514,53 Pzs | 4             |
|   |              |        |        |                | 65.078,33 Pzs |
|   |              |        |        |                |               |
|   |              |        |        |                |               |
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|--------------|--|--------|--|----------|--|-------------|--|-------------|--|
|              |  |        |  | #REF!    |  | UNIDAD :    |  | M3          |  |
| A MATERIALES |  |        |  |          |  |             |  |             |  |
| DESCRIPCION  |  | UNIDAD |  | CANTIDAD |  | V. UNITARIO |  | DESCRIPCIÓN |  |
|              |  |        |  |          |  |             |  | V. PARCIAL  |  |
|              |  |        |  |          |  |             |  | Pda         |  |

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|  |                                                               |                                                  |
|--|---------------------------------------------------------------|--------------------------------------------------|
|  | Excavación mecánica en material conglomerado (3.00 - 6.00 m). |                                                  |
|  |                                                               | <div>#REF!</div> <div>UNIDAD</div> <div>M3</div> |

| N | MAQUINARIA Y EQUIPO                | TARIFA/ANDA    | RENDIMIENTO | V. PARCIAL    |
|---|------------------------------------|----------------|-------------|---------------|
|   | DESCRIPCION                        |                |             |               |
| 1 | Seguradoras manuales               | 30.000,00 Pzs  | 58          | 650,45 Pzs    |
| 2 | Rebato-escopadura a Escopadora 320 | 180.000,00 Pzs | 10,0        | 18.000,00 Pzs |
|   |                                    |                |             |               |
|   | SUB-TOTAL MAQUINARIA Y EQUIPOS     | \$             |             | 18.650,45 Pzs |



| MATERIALES              |            | VOL/TON | DISTA KM | M2 o Ton/M2 | TARIFA | V. PARCIAL   |
|-------------------------|------------|---------|----------|-------------|--------|--------------|
| 1                       | TRABAJADOR | 8.10    | 10       | 1.00        | 2      | 1,418.00 P/s |
|                         |            |         |          |             |        |              |
|                         |            |         |          |             |        |              |
| SUB-TOTAL TRANSPORTE \$ |            |         |          |             |        | 1,418.00 P/s |

| D MANO DE OBRA            |        | JORNAL | PREST | JORNAL TOTAL  | RENDIMIENTO | V. PARCIAL |
|---------------------------|--------|--------|-------|---------------|-------------|------------|
| 1                         | Obrero | 41.403 |       | 35,155.87 P/s | 2.00        | 43.87 P/s  |
|                           |        |        |       |               |             |            |
|                           |        |        |       |               |             |            |
|                           |        |        |       |               |             |            |
| SUB-TOTAL MANO DE OBRA \$ |        |        |       |               |             | 43.87 P/s  |

|               |  |  |  |  |  |              |
|---------------|--|--|--|--|--|--------------|
| COSTO DIRECTO |  |  |  |  |  | 3,858.87 P/s |
| COSTO TOTAL   |  |  |  |  |  | 5,266.80 P/s |

| PRECIOS UNITARIOS \$/REF |  |
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|                                                                    |  |        |        |    |
|--------------------------------------------------------------------|--|--------|--------|----|
| Suministro e Instalación de Tablero de (Entabla Metálica Dedicada) |  | \$/REF | UNIDAD | M2 |
|--------------------------------------------------------------------|--|--------|--------|----|

| A MATERIALES            |                           | UNIDAD | CANTIDAD | V. UNITARIO   | DESP/V | V. PARCIAL    |
|-------------------------|---------------------------|--------|----------|---------------|--------|---------------|
| 1                       | Tablero de fibra, 120x120 | M2     | 2.00     | 15,000.00 P/s |        | 30,000.00 P/s |
|                         |                           |        |          |               |        |               |
|                         |                           |        |          |               |        |               |
|                         |                           |        |          |               |        |               |
|                         |                           |        |          |               |        |               |
|                         |                           |        |          |               |        |               |
|                         |                           |        |          |               |        |               |
| SUB-TOTAL MATERIALES \$ |                           |        |          |               |        | 30,000.00 P/s |

| B MAQUINARIA Y EQUIPO             |                     | TARIFA/DIA    | RENDIMIENTO | V. PARCIAL |
|-----------------------------------|---------------------|---------------|-------------|------------|
| 1                                 | Mezcladora mecánica | 25,000.00 P/s | 50          | 500.00 P/s |
|                                   |                     |               |             |            |
|                                   |                     |               |             |            |
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$ |                     |               |             | 500.00 P/s |

| C TRANSPORTE            |            | MATERIALES | VOL/TON | DISTA KM | TARIFA/DIA | V. PARCIAL   |
|-------------------------|------------|------------|---------|----------|------------|--------------|
| 1                       | CAMION 350 |            | 0.600   | 5.00 P/s | 80,000.00  | 2,000.00 P/s |
|                         |            |            |         |          |            |              |
|                         |            |            |         |          |            |              |
| SUB-TOTAL TRANSPORTE \$ |            |            |         |          |            | 2,000.00 P/s |

| D MANO DE OBRA            |              | JORNAL  | PREST   | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL    |
|---------------------------|--------------|---------|---------|----------------|-------------|---------------|
| 1                         | Mano de obra | 110.000 |         | 330,000.00 P/s | 20.00       | 12,000.00 P/s |
| 2                         | Albañil (1)  | 150.000 | 150.000 | 300,000.00 P/s | 20.00       | 15,000.00 P/s |
|                           |              |         |         |                |             |               |
|                           |              |         |         |                |             |               |
| SUB-TOTAL MANO DE OBRA \$ |              |         |         |                |             | 27,000.00 P/s |

|               |  |  |  |  |  |               |
|---------------|--|--|--|--|--|---------------|
| COSTO DIRECTO |  |  |  |  |  | 63,122.33 P/s |
| COSTO TOTAL   |  |  |  |  |  | 65,122.33 P/s |

| PRECIOS UNITARIOS \$/REF |  |
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|                                                                 |  |        |        |    |
|-----------------------------------------------------------------|--|--------|--------|----|
| Instalación Tubería PVC Sanitaria doble pared estructural Ø=12" |  | \$/REF | UNIDAD | M. |
|-----------------------------------------------------------------|--|--------|--------|----|

| A MATERIALES            |               | UNIDAD | CANTIDAD | V. UNITARIO   | DESP/V | V. PARCIAL   |
|-------------------------|---------------|--------|----------|---------------|--------|--------------|
| 1                       | Tubo de 120 g | 1      | 0.08     | 15,000.00 P/s | 2      | 1,000.00 P/s |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
| SUB-TOTAL MATERIALES \$ |               |        |          |               |        | 1,000.00 P/s |

| B MAQUINARIA Y EQUIPO             |                     | TARIFA/DIA   | RENDIMIENTO | V. PARCIAL   |
|-----------------------------------|---------------------|--------------|-------------|--------------|
| 1                                 | Mezcladora mecánica | 5,647.41 P/s | 0.15        | 1,447.11 P/s |
|                                   |                     |              |             |              |
|                                   |                     |              |             |              |
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$ |                     |              |             | 1,447.11 P/s |

| C TRANSPORTE            |  | MATERIALES | VOL/TON | DISTA KM | TARIFA/DIA | V. PARCIAL |
|-------------------------|--|------------|---------|----------|------------|------------|
|                         |  |            |         |          |            |            |
|                         |  |            |         |          |            |            |
|                         |  |            |         |          |            |            |
| SUB-TOTAL TRANSPORTE \$ |  |            |         |          |            | - P/s      |

| D MANO DE OBRA            |             | JORNAL | PREST  | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL   |
|---------------------------|-------------|--------|--------|----------------|-------------|--------------|
| 1                         | Obrero      | 62.087 | 78.267 | 140,354.33 P/s | 27          | 5,200.27 P/s |
| 2                         | Albañil (1) | 88.724 | 41.424 | 130,155.87 P/s | 27          | 5,200.27 P/s |
|                           |             |        |        |                |             |              |
|                           |             |        |        |                |             |              |
| SUB-TOTAL MANO DE OBRA \$ |             |        |        |                |             | 9,647.41 P/s |

|               |  |  |  |  |  |               |
|---------------|--|--|--|--|--|---------------|
| COSTO DIRECTO |  |  |  |  |  | 12,184.32 P/s |
| COSTO TOTAL   |  |  |  |  |  | 12,184.32 P/s |

| PRECIOS UNITARIOS \$/REF |  |
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|                                                                 |  |        |        |    |
|-----------------------------------------------------------------|--|--------|--------|----|
| Instalación Tubería PVC Sanitaria doble pared estructural Ø=18" |  | \$/REF | UNIDAD | M. |
|-----------------------------------------------------------------|--|--------|--------|----|

| A MATERIALES            |               | UNIDAD | CANTIDAD | V. UNITARIO   | DESP/V | V. PARCIAL   |
|-------------------------|---------------|--------|----------|---------------|--------|--------------|
| 1                       | Tubo de 120 g | 1      | 0.08     | 15,000.00 P/s | 2      | 1,000.00 P/s |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
| SUB-TOTAL MATERIALES \$ |               |        |          |               |        | 1,000.00 P/s |

| B MAQUINARIA Y EQUIPO             |                     | TARIFA/DIA    | RENDIMIENTO | V. PARCIAL   |
|-----------------------------------|---------------------|---------------|-------------|--------------|
| 1                                 | Mezcladora mecánica | 17,355.33 P/s | 0.15        | 2,603.30 P/s |
|                                   |                     |               |             |              |
|                                   |                     |               |             |              |
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$ |                     |               |             | 2,603.30 P/s |

| C TRANSPORTE            |  | MATERIALES | VOL/TON | DISTA KM | TARIFA/DIA | V. PARCIAL |
|-------------------------|--|------------|---------|----------|------------|------------|
|                         |  |            |         |          |            |            |
|                         |  |            |         |          |            |            |
|                         |  |            |         |          |            |            |
| SUB-TOTAL TRANSPORTE \$ |  |            |         |          |            | - P/s      |

| D MANO DE OBRA            |             | JORNAL | PREST  | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL    |
|---------------------------|-------------|--------|--------|----------------|-------------|---------------|
| 1                         | Obrero      | 62.087 | 78.267 | 140,354.33 P/s | 15          | 11,364.55 P/s |
| 2                         | Albañil (1) | 88.724 | 41.424 | 130,155.87 P/s | 15          | 8,015.48 P/s  |
|                           |             |        |        |                |             |               |
|                           |             |        |        |                |             |               |
| SUB-TOTAL MANO DE OBRA \$ |             |        |        |                |             | 17,369.33 P/s |

|               |  |  |  |  |  |               |
|---------------|--|--|--|--|--|---------------|
| COSTO DIRECTO |  |  |  |  |  | 29,879.33 P/s |
| COSTO TOTAL   |  |  |  |  |  | 29,879.33 P/s |

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|                                                                 |  |        |        |    |
|-----------------------------------------------------------------|--|--------|--------|----|
| Instalación Tubería PVC Sanitaria doble pared estructural Ø=20" |  | \$/REF | UNIDAD | M. |
|-----------------------------------------------------------------|--|--------|--------|----|

| A MATERIALES            |               | UNIDAD | CANTIDAD | V. UNITARIO   | DESP/V | V. PARCIAL   |
|-------------------------|---------------|--------|----------|---------------|--------|--------------|
| 1                       | Tubo de 120 g | 1      | 0.08     | 15,000.00 P/s | 2      | 1,000.00 P/s |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
|                         |               |        |          |               |        |              |
| SUB-TOTAL MATERIALES \$ |               |        |          |               |        | 1,000.00 P/s |

| PRECIOS UNITARIOS |                                                                                                                                                |        |    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|
| #REF1             |                                                                                                                                                |        |    |
| ITEM:             | Cilindro Pozo de Inspección D= 1,20 mts, E=0,20m-H= 2,3M (incluye concreto de 4000 PSI impermeabilizado, cinta en PVC y epoxico para la junta) | #REF1  |    |
|                   |                                                                                                                                                | UNIDAD | ML |

| B | MAQUINARIA Y EQUIPO.           |    | TARIFA/HORA  | RENDIMIENTO | V. PARCIAL   |
|---|--------------------------------|----|--------------|-------------|--------------|
|   | DESCRIPCION                    |    |              |             |              |
| 1 | Herramientas manuales          |    | 6,000.00 Pps | 1.6         | 9,333.33 Pps |
|   |                                |    |              |             |              |
|   |                                |    |              |             |              |
|   |                                |    |              |             |              |
|   |                                |    |              |             |              |
|   | SUB-TOTAL MAQUINARIA Y EQUIPOS | \$ |              |             | 9,333.33 Pps |

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| A | MATERIALES   |  |        |          |               |         |               |
|---|--------------|--|--------|----------|---------------|---------|---------------|
|   | DESCRIPCION  |  | UNIDAD | CANTIDAD | V. UNITARIO   | DESP(%) | V. PARCIAL    |
| 1 | arena de Rio |  | M3     | 1.15     | 61.880.00 Pts |         | 71.162.00 Pts |

| B | MAQUINARIA Y EQUIPO. |  |  |               |             |  |              |
|---|----------------------|--|--|---------------|-------------|--|--------------|
|   | DESCRIPCION          |  |  | TARIFA/MDA    | RENDIMIENTO |  | V. PARCIAL   |
| 1 | Herramientas Menores |  |  | 20.625.69 Pps | 7.0         |  | 2.946.53 Pps |

| C | TRANSPORTE:   |          |           |             |             |               |  |
|---|---------------|----------|-----------|-------------|-------------|---------------|--|
|   | MATERIALES    | VOL/TON/ | DISTA/ KM | M3 o Ton/Km | TARIFA      | V. PARCIAL    |  |
| 1 | Volqueta 15m3 | 1.15     | 25        | 28.75       | \$ 1.418.00 | 40.787.50 Pts |  |

| TRABAJADOR |               | JORNAL | PREST  | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL    |
|------------|---------------|--------|--------|----------------|-------------|---------------|
| 1          | Oficial       | 92.067 | 78.257 | 170.323.33 Pts | 17          | 10.019.02 Pts |
| 2          | Asustados (2) | 97.467 | 82.847 | 180.313.33 Pts | 17          | 10.606.67 Pts |

|                           |  |  |  |  |  |  |                |
|---------------------------|--|--|--|--|--|--|----------------|
| SUB-TOTAL MANO DE OBRA \$ |  |  |  |  |  |  | 20.623.69 Pts  |
| COSTO DIRECTO             |  |  |  |  |  |  | 135.601.71 Pts |

#REF!

|   | DESCRIPCION                    | UNIDAD | CANTIDAD | V. UNITARIO    | DESP(%) | V. PARCIAL     |
|---|--------------------------------|--------|----------|----------------|---------|----------------|
| 1 | Silla Vea o Tee 8"x6" #B LOC   | Und    | 1        | 180.084.00 Pts |         | 180.084.00 Pts |
| 4 | Codo PVC Sanitario de 45" x 6" | Und    | 1        | 67.485.00 Pts  |         | 67.485.00 Pts  |

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|   |             |  |  |          |           |            |            |
|---|-------------|--|--|----------|-----------|------------|------------|
| C | TRANSPORTE. |  |  |          |           |            |            |
|   | MATERIALES  |  |  | VOL/TON/ | DISTA/ KM | TARIFA/DIA | V. PARCIAL |

|   |              |  |  |        |        |                |             |               |
|---|--------------|--|--|--------|--------|----------------|-------------|---------------|
| D | MANO DE OBRA |  |  |        |        |                |             |               |
|   | TRABAJADOR   |  |  | JORNAL | PREST  | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL    |
| 2 | Oficial      |  |  | 92 067 | 78 257 | 170 323 33 Pts | 3.0         | 56 774 44 Pts |

|                           |  |  |  |  |  |  |                |
|---------------------------|--|--|--|--|--|--|----------------|
| SUB-TOTAL MANO DE OBRA \$ |  |  |  |  |  |  | 86,826.67 Pts  |
| COSTO DIRECTO             |  |  |  |  |  |  | 340,473.53 Pts |

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|   |                |  |        |          |                 |            |                   |
|---|----------------|--|--------|----------|-----------------|------------|-------------------|
|   |                |  |        | UNIDAD : |                 | BREP1      |                   |
|   |                |  |        |          |                 |            |                   |
| A | MATERIALES     |  |        |          |                 |            |                   |
|   | RECONSTRUCCION |  | UNIDAD | ALMACEN  | SE CONSTRUCCION | REPOSICION | SE RECONSTRUCCION |

| A | MATERIALES |  |  | UNIDAD | CANTIDAD | V. UNITARIO | DESP(%) | V. PARCIAL |
|---|------------|--|--|--------|----------|-------------|---------|------------|
|---|------------|--|--|--------|----------|-------------|---------|------------|

|   |                              |     |   |               |  |               |
|---|------------------------------|-----|---|---------------|--|---------------|
| 4 | Cabo PVC Serrado de 45" x 6" | Und | 1 | 67.485,00 Pts |  | 67.485,00 Pts |
|---|------------------------------|-----|---|---------------|--|---------------|

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|                                                                                                                               |                                        |                |             |                |             |                |                  |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------|-------------|----------------|-------------|----------------|------------------|
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$                                                                                             |                                        |                |             |                |             |                | \$2.794.47 Pts   |
| C                                                                                                                             | TRANSPORTE                             |                |             |                |             |                |                  |
| 1                                                                                                                             | MATERIALES                             |                | VOL/TONS    | DISTA KM       | TARIFA/DI   | V. PARCIAL     |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
| SUB-TOTAL TRANSPORTE I                                                                                                        |                                        |                |             |                |             |                | - Pts            |
| D                                                                                                                             | MANO DE OBRA TRABAJADOR                | JORNAL         | PREST       | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL     |                  |
| 2                                                                                                                             | Oficial                                | 50.087         | 78.257      | 170.343.33 Pts | 1.9         | 83.843.88 Pts  |                  |
| 3                                                                                                                             | Ayudante (4)                           | 156.933        | 155.693     | 306.628.87 Pts | 1.9         | 159.833.93 Pts |                  |
| SUB-TOTAL MANO DE OBRA I                                                                                                      |                                        |                |             |                |             |                | 279.447.37 Pts   |
| COSTO DIRECTO                                                                                                                 |                                        |                |             |                |             |                | 1.864.486.70 Pts |
| COSTO TOTAL                                                                                                                   |                                        |                |             |                |             |                | 1.864.487.90 Pts |
| ITEM: Cálculo Pauta de Inspección Di- 1,30 mbs. E=0,20m H= 1.6 y 3 m. (incluye concreto                                       |                                        |                |             |                |             |                | B UNIDAD ML      |
| A                                                                                                                             | MATERIALES DESCRIPCION                 | UNIDAD         | CANTIDAD    | V. UNITARIO    | DESPUJL     | V. PARCIAL     |                  |
| 3                                                                                                                             | Concreto de A300/25                    | m3             | 1.37.05(0)  | 678.132.78 Pts |             | 927.388.93 Pts |                  |
| 4                                                                                                                             | CINTA PVC 15X2                         | MB             | 8.2         | 33.393.03 Pts  | 1           | 88.884.45 Pts  |                  |
| 5                                                                                                                             | Fibras para DSI                        | KGS            | 1.08        | 18.202.02 Pts  | 1           | 78.251.42 Pts  |                  |
| SUB-TOTAL MATERIALES \$                                                                                                       |                                        |                |             |                |             |                | 873.244.85 Pts   |
| B                                                                                                                             | MAQUINARIA Y EQUIPO DESCRIPCION        | TARIFA/DIA     | RENDIMIENTO | V. PARCIAL     |             |                |                  |
| 1                                                                                                                             | Huinchirrita Mecánica                  | 204.872.22 Pts | 0.01        | 2.949.72 Pts   |             |                |                  |
| 2                                                                                                                             | Formadora para muro Corrugado Plástico | 71.000.00 Pts  | 1.6         | 50.000.00 Pts  |             |                |                  |
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$                                                                                             |                                        |                |             |                |             |                | \$2.949.72 Pts   |
| C                                                                                                                             | TRANSPORTE                             |                |             |                |             |                |                  |
| 1                                                                                                                             | MATERIALES                             |                | VOL/TONS    | DISTA KM       | TARIFA/DI   | V. PARCIAL     |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
| SUB-TOTAL TRANSPORTE I                                                                                                        |                                        |                |             |                |             |                | - Pts            |
| D                                                                                                                             | MANO DE OBRA TRABAJADOR                | JORNAL         | PREST       | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL     |                  |
| 2                                                                                                                             | Oficial                                | 50.087         | 78.257      | 170.343.33 Pts | 1.8         | 94.654.07 Pts  |                  |
| 3                                                                                                                             | Ayudante (4)                           | 156.933        | 165.693     | 360.628.87 Pts | 1.8         | 200.348.13 Pts |                  |
| SUB-TOTAL MANO DE OBRA I                                                                                                      |                                        |                |             |                |             |                | 294.872.22 Pts   |
| COSTO DIRECTO                                                                                                                 |                                        |                |             |                |             |                | 1.620.168.88 Pts |
| COSTO TOTAL                                                                                                                   |                                        |                |             |                |             |                | 1.620.167.88 Pts |
| ITEM: s de Inspección Di 1,20 mbs. E=0,20m H= mas 3 m. (incluye concreto de 4000 PSI impermeabilizado, cinta en PVC y epoxico |                                        |                |             |                |             |                | B UNIDAD ML      |
| A                                                                                                                             | MATERIALES DESCRIPCION                 | UNIDAD         | CANTIDAD    | V. UNITARIO    | DESPUJL     | V. PARCIAL     |                  |
| 3                                                                                                                             | Concreto de A300/25                    | m3             | 1.37.05(0)  | 678.132.78 Pts |             | 927.388.93 Pts |                  |
| 4                                                                                                                             | CINTA PVC 15X2                         | MB             | 8.2         | 33.393.03 Pts  | 1           | 88.884.45 Pts  |                  |
| 5                                                                                                                             | Fibras para DSI                        | KGS            | 1.08        | 18.202.02 Pts  | 1           | 78.251.42 Pts  |                  |
| SUB-TOTAL MATERIALES \$                                                                                                       |                                        |                |             |                |             |                | 873.244.85 Pts   |
| B                                                                                                                             | MAQUINARIA Y EQUIPO DESCRIPCION        | TARIFA/DIA     | RENDIMIENTO | V. PARCIAL     |             |                |                  |
| 1                                                                                                                             | Huinchirrita Mecánica                  | 312.503.53 Pts | 0.01        | 3.123.24 Pts   |             |                |                  |
| 2                                                                                                                             | Formadora para muro Corrugado Plástico | 71.000.00 Pts  | 1.6         | 50.000.00 Pts  |             |                |                  |
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$                                                                                             |                                        |                |             |                |             |                | \$3.123.24 Pts   |
| C                                                                                                                             | TRANSPORTE                             |                |             |                |             |                |                  |
| 1                                                                                                                             | MATERIALES                             |                | VOL/TONS    | DISTA KM       | TARIFA/DI   | V. PARCIAL     |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
| SUB-TOTAL TRANSPORTE I                                                                                                        |                                        |                |             |                |             |                | - Pts            |
| D                                                                                                                             | MANO DE OBRA TRABAJADOR                | JORNAL         | PREST       | JORNAL TOTAL   | RENDIMIENTO | V. PARCIAL     |                  |
| 2                                                                                                                             | Oficial                                | 50.087         | 78.257      | 170.343.33 Pts | 1.7         | 100.196.26 Pts |                  |
| 3                                                                                                                             | Ayudante (4)                           | 156.933        | 165.693     | 360.628.87 Pts | 1.7         | 212.133.39 Pts |                  |
| SUB-TOTAL MANO DE OBRA I                                                                                                      |                                        |                |             |                |             |                | 312.323.63 Pts   |
| COSTO DIRECTO                                                                                                                 |                                        |                |             |                |             |                | 1.837.881.61 Pts |
| COSTO TOTAL                                                                                                                   |                                        |                |             |                |             |                | 1.837.881.61 Pts |
| ITEM: Construcción de placa superior Pauta Inspección Concreto 4000PSI E=0,20m                                                |                                        |                |             |                |             |                | B UNIDAD UN      |
| A                                                                                                                             | MATERIALES DESCRIPCION                 | UNIDAD         | CANTIDAD    | V. UNITARIO    | DESPUJL     | V. PARCIAL     |                  |
| 3                                                                                                                             | Concreto de A300/25                    | m3             | 0.29        | 618.132.78 Pts | 1           | 186.318.58 Pts |                  |
| 7                                                                                                                             | Mortero 1:1 (impermeabiliz.)           | m2             | 0.1         | 316.507.06 Pts | 1           | 88.889.71 Pts  |                  |
| SUB-TOTAL MATERIALES \$                                                                                                       |                                        |                |             |                |             |                | 265.168.28 Pts   |
| B                                                                                                                             | MAQUINARIA Y EQUIPO DESCRIPCION        | TARIFA/DIA     | RENDIMIENTO | V. PARCIAL     |             |                |                  |
| 1                                                                                                                             | Huinchirrita Mecánica                  | 179.985.33 Pts | 0.07        | 12.388.63 Pts  |             |                |                  |
| 2                                                                                                                             | Formadora para muro Corrugado Plástico | 71.000.00 Pts  | -0          | 5.000.00 Pts   |             |                |                  |
| SUB-TOTAL MAQUINARIA Y EQUIPOS \$                                                                                             |                                        |                |             |                |             |                | 17.388.63 Pts    |
| C                                                                                                                             | TRANSPORTE                             |                |             |                |             |                |                  |
| 1                                                                                                                             | MATERIALES                             |                | VOL/TONS    | DISTA KM       | TARIFA/DI   | V. PARCIAL     |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
|                                                                                                                               |                                        |                |             |                |             |                |                  |
| SUB-TOTAL TRANSPORTE I                                                                                                        |                                        |                |             |                |             |                |                  |

