

ANÁLISIS DE COSTOS UNITARIOS

|                      |                                                  |                            |        |
|----------------------|--------------------------------------------------|----------------------------|--------|
| CODIGO:              | ATH7                                             | COSTO MATERIALES US(\$):   | 173.15 |
| ARMADO:              | ARMADO TRIFÁSICO TIPO H DE SUSPENSIÓN CON CADENA | COSTO MANO DE OBRA US(\$): | 44.70  |
| NIVEL DE TENSIÓN:    | 22.9 kV                                          | COSTO EQUIPO US(\$):       | 0.00   |
| ESTRUCTURA:          | MADERA                                           | % HERRAM. MO:              | 5.00   |
| RENDIMIENTO Un/Jorn: | 3                                                | COSTO HERRAM. US (\$):     | 8.66   |
| JORNAL (Hrs):        | 8                                                | COSTO TOTAL US (\$):       | 226.51 |

| ÍTEM | CÓDIGO<br>ELSE | CODIGO<br>SICODI | INSUMO                                                                          | UND. | CUAD. | CANT. | C.U.<br>US (\$) | PARCIAL<br>US (\$) |
|------|----------------|------------------|---------------------------------------------------------------------------------|------|-------|-------|-----------------|--------------------|
| 1    | I-LP050103     | PCM10            | CRUCETA DE MADERA TRATADA IMPORTADA 102x127mm, L=2,40 m, ARMADO "H"             | Und. | 0.00  | 2.00  | 15.14           | 30.28              |
| 2    | I-LP050104     | PCM11            | CRUCETA DE MADERA TRATADA IMPORTADA 102x127mm, L=4,30 m, ARMADO "H"             | Und. | 0.00  | 2.00  | 21.3            | 42.60              |
| 3    | I-LP070101     | ASS01            | AISLADOR DE PORCELANA TIPO SUSPENSION 52-3                                      | Und. | 0.00  | 6.00  | 6.43            | 38.58              |
| 4    | I-LP140301     | AXA04            | ADAPTADOR CASQUILLO OJO LARGO                                                   | Und. | 0.00  | 3.00  | 2.27            | 6.81               |
| 5    | I-LP140601     | AXA02            | ADAPTADOR HORQUILLA BOLA                                                        | Und. | 0.00  | 3.00  | 2.41            | 7.23               |
| 6    | I-LP150701     | CXX09            | CINTA PLANA DE ARMAR DE ALUMINIO                                                | Und. | 0.00  | 3.00  | 0.26            | 0.78               |
| 7    | I-LP151101     | AXG07            | GRAPA DE SUSPENSIÓN DE ALUMINIO PARA CONDUCTORES ENTRE 16 mm² - 95 mm² DE 45 kN | Und. | 0.00  | 3.00  | 7.9             | 23.70              |
| 8    | I-LP181202     | AXA01            | GRILLETE DE ANCLAJE TIPO RECTO D=16mm C/PASADOR DE SEGURIDAD                    | Und. | 0.00  | 3.00  | 1.7             | 5.10               |
| 9    | I-LP181502     | FAC07            | ARANDELA CUADRADA PLANA DE 57 x 57 x 5 mm, D= 17.5 mm                           | Und. | 0.00  | 20.00 | 0.2             | 4.00               |
| 10   | I-LP181805     | FPD05            | PERNO DOBLE ARMADO 16 mm, L= 457 mm, CR=77kN C/2T/2C/4A/2AP                     | Und. | 0.00  | 7.00  | 2.01            | 14.07              |
| 11   | R-REC001       | REC03            | OPERARIO                                                                        | Und. | 2.00  | 5.33  | 4.64            | 24.75              |
| 12   | R-REC002       | REC04            | PEON                                                                            | Und. | 2.00  | 5.33  | 3.74            | 19.95              |