

ANÁLISIS DE COSTOS UNITARIOS

|                      |                                                    |                            |        |
|----------------------|----------------------------------------------------|----------------------------|--------|
| CODIGO:              | AU3                                                | COSTO MATERIALES US(\$):   | 86.36  |
| ARMADO:              | ARMADO MONOFÁSICO (UNIFILAR) DE ANCLAJE CON CADENA | COSTO MANO DE OBRA US(\$): | 13.40  |
| NIVEL DE TENSIÓN:    | 13.2 kV                                            | COSTO EQUIPO US(\$):       | 0.00   |
| ESTRUCTURA:          | CONCRETO                                           | % HERRAM. MO:              | 5.00   |
| RENDIMIENTO Un/Jorn: | 5                                                  | COSTO HERRAM. US (\$):     | 4.32   |
| JORNAL (Hrs):        | 8                                                  | COSTO TOTAL US (\$):       | 104.08 |

| ÍTEM | CÓDIGO<br>ELSE | CODIGO<br>SICODI | INSUMO                                                                                          | UND. | CUAD. | CANT. | C.U.<br>US (\$) | PARCIAL<br>US (\$) |
|------|----------------|------------------|-------------------------------------------------------------------------------------------------|------|-------|-------|-----------------|--------------------|
| 1    | I-LP060201     | AP503            | AISLADOR DE PORCELANA TIPO PIN ANSI 56-2                                                        | Und. | 0.00  | 1.00  | 5.08            | 5.08               |
| 2    | I-LP070101     | ASS01            | AISLADOR DE PORCELANA TIPO SUSPENSION 52-3                                                      | Und. | 0.00  | 4.00  | 6.43            | 25.72              |
| 3    | I-LP130102     | AXC06            | ESPIGA PARA VERTICE PUNTA DE POSTE L= 508 mm, DR= 35 mm, PARA AISLADOR PIN ANSI 56-2 C/T/C/A/AP | Und. | 0.00  | 1.00  | 5.61            | 5.61               |
| 4    | I-LP140301     | AXA04            | ADAPTADOR CASQUILLO OJO LARGO                                                                   | Und. | 0.00  | 2.00  | 2.27            | 4.54               |
| 5    | I-LP140601     | AXA02            | ADAPTADOR HORQUILLA BOLA                                                                        | Und. | 0.00  | 2.00  | 2.41            | 4.82               |
| 6    | I-LP150404     | CXP18            | VARILLA DE ARMAR PREFORMADA SIMPLE DE AL DE 1371 mm, 11 HILOS PARA CONDUCTOR DE AL 70 mm²       | Und. | 0.00  | 1.00  | 2.15            | 2.15               |
| 7    | I-LP150701     | CXX09            | CINTA PLANA DE ARMAR DE ALUMINIO                                                                | Und. | 0.00  | 2.00  | 0.26            | 0.52               |
| 8    | I-LP150901     | CXX05            | ALAMBRE DE AMARRE DE ALUMINIO DE 10 mm²                                                         | m    | 0.00  | 2.50  | 2.18            | 5.45               |
| 9    | I-LP151001     | AXG01            | GRAPA DE ANCLAJE TIPO PISTOLA DE DOS PERNOS PARA CONDUCTORES DE SECCIÓN 16 a 50 mm²             | Und. | 0.00  | 2.00  | 4.7             | 9.40               |
| 10   | I-LP151404     | FKX10            | CONECTOR DE DOBLE VIA AI-AI DE DOS PERNOS 16-120mm²                                             | Und. | 0.00  | 1.00  | 0.99            | 0.99               |
| 11   | I-LP180106     | RXA01            | ABRAZADERA PARA ARMADO VERTICAL de 75 mm, E= 6,4 mm, D=160 mm C/3P/3T/3C/6A/3AP                 | Und. | 0.00  | 2.00  | 7.91            | 15.82              |
| 12   | I-LP181202     | AXA01            | GRILLETE DE ANCLAJE TIPO RECTO D=16mm C/PASADOR DE SEGURIDAD                                    | Und. | 0.00  | 2.00  | 1.7             | 3.40               |
| 13   | I-LP182015     | FPM10            | PERNO MAQUINADO L= 229 mm, D= 16 mm C/T/C/2A/AP                                                 | Und. | 0.00  | 2.00  | 1.24            | 2.48               |
| 14   | I-LP182101     | FAC01            | ARANDELA CUADRADA CURVA DE 57 x 57 x 5 mm, D= 14 mm                                             | Und. | 0.00  | 2.00  | 0.19            | 0.38               |
| 15   | R-REC001       | REC03            | OPERARIO                                                                                        | Und. | 1.00  | 1.60  | 4.64            | 7.42               |
| 16   | R-REC002       | REC04            | PEON                                                                                            | Und. | 1.00  | 1.60  | 3.74            | 5.98               |