

ANÁLISIS DE COSTOS UNITARIOS

| | | | |
|-----------------------------|--|-----------------------------------|----------------|
| CODIGO: | ATSB | COSTO MATERIALES US(\$): | 6194.81 |
| ARMADO: | ARMADO TRIFÁSICO DE SUBESTACIÓN BIPOSTE | COSTO MANO DE OBRA US(\$): | 134.08 |
| NIVEL DE TENSIÓN: | 22.9 kV | COSTO EQUIPO US(\$): | 0.00 |
| ESTRUCTURA: | CONCRETO | % HERRAM. MO: | 5.00 |
| RENDIMIENTO Un/Jorn: | 1 | COSTO HERRAM. US (\$): | 309.74 |
| JORNAL (Hrs): | 8 | COSTO TOTAL US (\$): | 6638.63 |

| ÍTEM | CÓDIGO ELSE | CODIGO SICODI | INSUMO | UND. | CUAD. | CANT. | C.U. US (\$) | PARCIAL US (\$) |
|------|-------------|---------------|--|------|-------|-------|--------------|-----------------|
| 1 | I-LP120102 | CAA07 | CONDUCTOR DESNUDO DE ALUMINIO TIPO AAAC DE 7 HILOS 25 mm ² | m | 0.00 | 9.00 | 0.32 | 2.88 |
| 2 | I-LP120416 | CCB18 | CONDUCTOR DE ENERGIA NYY UNIPOLAR 1x70 mm ² | m | 0.00 | 20.00 | 6.17 | 123.40 |
| 3 | I-LP151404 | FKX10 | CONECTOR DE DOBLE VIA AI-AI DE DOS PERNOS 16-120mm ² | Und. | 0.00 | 3.00 | 0.99 | 2.97 |
| 4 | I-LP180417 | PAA08 | ABRAZADERA TIPO CCS DOBLE DE 64 mm, E=6,4 mm, D=240 mm C/2P/2T/2C/4A/2AP | Und. | 0.00 | 2.00 | 6.21 | 12.42 |
| 5 | I-LP181302 | PCB01 | PORTAESCALERA DE PERFIL ANGULAR 50x50x500 mm, L=400, A=300 | Und. | 0.00 | 1.00 | 18.81 | 18.81 |
| 6 | I-LP181306 | PCF04 | BASE SOPORTE PARA TRANSFORMADOR EN BIPOSTE | Und. | 0.00 | 1.00 | 62.58 | 62.58 |
| 7 | I-LP181309 | PSC18 | PALOMILLA DE PROTECCIÓN Y SECCIONAMIENTO DE 64x64x2700 mm, E=6,4 mm. CON 03 DADOS | Und. | 0.00 | 1.00 | 16 | 16.00 |
| 8 | I-LP181312 | AXP30 | PLATINA SOPORTE PARARRAYOS EN TRANSFORMADOR | Und. | 0.00 | 3.00 | 4.52 | 13.56 |
| 9 | I-LP182001 | FPM01 | PERNO MAQUINADO L= 50 mm, D= 13 mm C/T/C/2A/AP | Und. | 0.00 | 3.00 | 0.64 | 1.92 |
| 10 | I-LP200901 | CBA07 | CONDUCTOR DE COBRE DESNUDO TEMPLE SUAVE, SECCION = 25mm ² . | m | 0.00 | 10.00 | 1.94 | 19.40 |
| 11 | I-LP210228 | TTA34 | TRANSFORMADOR DE DISTRIBUCIÓN TRIFÁSICO 160 kVA (23/0.23 kV) | Und. | 0.00 | 1.00 | 5541.4 | 5541.40 |
| 12 | I-LP220103 | SSI12 | SECCIONADOR UNIPOLAR 22.9 kV DIAM.=438/597 mm., LF>600 mm/pulg., PESO=14 kg., 150 BIL | Und. | 0.00 | 3.00 | 76.12 | 228.36 |
| 13 | I-LP230106 | SPZ12 | PARARRAYOS LF=1320.8, 24kV, 348.5 A | Und. | 0.00 | 3.00 | 46.31 | 138.93 |
| 14 | I-LP260101 | LEC03 | GABINETE PARA TABLERO DE DISTRIBUCIÓN 60x80 cm. | Und. | 0.00 | 1.00 | 9.51 | 9.51 |
| 15 | I-LP261504 | CXT93 | TERMINALES DE CONEXIÓN Y UNIÓN PARA CABLE DE ALUMINIO O COBRE PARA SECCIÓN DE 70 mm ² | Und. | 0.00 | 3.00 | 0.89 | 2.67 |
| 16 | R-REC001 | REC03 | OPERARIO | Und. | 2.00 | 16.00 | 4.64 | 74.24 |
| 17 | R-REC002 | REC04 | PEON | Und. | 2.00 | 16.00 | 3.74 | 59.84 |