| | Factor de Utilización | | | | | | | | | |
|------------|-----------------------|-------------|---------------|---------------|---------------|-----------|--------|-----|--|--|
| D1 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | Instalado | En Uso | % | | |
| Sala | 1 | | | | 2 | 7 | 7 | 100 | | |
| Comedor | 1 | 1 | 1 | | | 3 | 1 | 33 | | |
| Cocina | 1 | | | 1 | 1 | 6 | 4 | 67 | | |
| Baño | 1 | | | | | 1 | 0 | 0 | | |
| Escaleras | 1 | | | | | 1 | 1 | 100 | | |
| Pasillo | 2 | | | | | 2 | 2 | 100 | | |
| Recamara 1 | 1 | | 1 | 1 | | 4 | 4 | 100 | | |
| Recamara 2 | 1 | | 1 | 1 | | 4 | 4 | 100 | | |
| Recamara 3 | 1 | | 1 | 1 | | 4 | 4 | 100 | | |
| Baño 1 | 2 | | | 1 | | 4 | 0 | 0 | | |
| | | | - | - | | | Total | 70 | | |

| | Factor de Utilización | | | | | | | |
|------------|-----------------------|-------------|---------------|---------------|---------------|-----------|--------|-----|
| D2 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | Instalado | En Uso | % |
| Sala | 1 | 1 | | | 2 | 8 | 8 | 100 |
| Comedor | 1 | | 1 | | | 2 | 1 | 50 |
| Cocina | 1 | | | 1 | 1 | 6 | 3 | 50 |
| Baño | 1 | | | | | 1 | 0 | 0 |
| Escaleras | 1 | | | | | 1 | 1 | 100 |
| Pasillo | 2 | | | | | 2 | 2 | 100 |
| Recamara 1 | 1 | | 1 | 1 | | 4 | 4 | 100 |
| Recamara 2 | 1 | | 1 | 1 | | 4 | 4 | 100 |
| Recamara 3 | 1 | | 1 | 1 | | 4 | 3 | 75 |
| Baño 1 | 2 | | | 1 | | 4 | 1 | 25 |
| | | | | | | | Total | 70 |

| | Factor de Utilización | | | | | | | | |
|------------|-----------------------|-------------|---------------|---------------|---------------|-----------|--------|-----|--|
| D3 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | Instalado | En Uso | % | |
| Sala | 1 | | 1 | 1 | 1 | 7 | 6 | 86 | |
| Comedor | 1 | 1 | 1 | | | 3 | 2 | 67 | |
| Cocina | 1 | | | 1 | 1 | 6 | 3 | 50 | |
| Baño | 1 | | | | | 1 | 1 | 100 | |
| Escaleras | 1 | | | | | 1 | 1 | 100 | |
| Pasillo | 2 | | | | | 2 | 0 | 0 | |
| Recamara 1 | 1 | | 1 | 1 | | 4 | 4 | 100 | |
| Recamara 2 | 1 | | 1 | 1 | | 4 | 3 | 75 | |
| Recamara 3 | 1 | | 1 | 1 | | 4 | 4 | 100 | |
| Baño 1 | 2 | | | 1 | | 4 | 1 | 25 | |
| | | | | - | | | Total | 70 | |

| | Factor de Utilización | | | | | | | |
|------------|-----------------------|-------------|---------------|---------------|---------------|-----------|--------|-----|
| D4 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | Instalado | En Uso | % |
| Sala | 1 | 1 | 1 | 1 | 1 | 8 | 8 | 100 |
| Comedor | 1 | | 1 | | | 2 | 1 | 50 |
| Cocina | 1 | | | 1 | 1 | 6 | 3 | 50 |
| Baño | 1 | | | | | 1 | 0 | 0 |
| Escaleras | 1 | | | | | 1 | 1 | 100 |
| Pasillo | 2 | | | | | 2 | 2 | 100 |
| Recamara 1 | 1 | | 1 | 1 | | 4 | 4 | 100 |
| Recamara 2 | 1 | | 1 | 1 | | 4 | 4 | 100 |
| Recamara 3 | 1 | | 1 | 1 | | 4 | 3 | 75 |
| Baño 1 | 2 | | | 1 | | 4 | 1 | 25 |
| | | | | | | | Total | 70 |

| | Censo de Carga | | | | | | | |
|------------|----------------|-------------|---------------|---------------|---------------|-------|--|--|
| D1 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | | | |
| Sala | 1 | | | | 2 | | | |
| Comedor | 1 | 1 | 1 | | | | | |
| Cocina | 1 | | | 1 | 1 | | | |
| Baño | 1 | | | | | | | |
| Escaleras | 1 | | | | | | | |
| Pasillo | 2 | | | | | | | |
| Recamara 1 | 1 | | 1 | 1 | | | | |
| Recamara 2 | 1 | | 1 | 1 | | | | |
| Recamara 3 | 1 | | 1 | 1 | | | | |
| Baño 1 | 2 | | | 1 | | Watts | | |
| Total | 720 | 75 | 600 | 1500 | 1350 | 4245 | | |
| | | | | | Con f.u. | 2972 | | |

| | Censo de Carga | | | | | | | |
|------------|----------------|-------------|---------------|---------------|---------------|-------|--|--|
| D2 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | | | |
| Sala | 1 | | | | 2 | | | |
| Comedor | 1 | 1 | 1 | | | | | |
| Cocina | 1 | | | 1 | 1 | | | |
| Baño | 1 | | | | - | | | |
| Escaleras | 1 | | | | | | | |
| Pasillo | 2 | | | | | | | |
| Recamara 1 | 1 | | 1 | 1 | | | | |
| Recamara 2 | 1 | | 1 | 1 | | | | |
| Recamara 3 | 1 | | 1 | 1 | | | | |
| Baño 1 | 2 | | | 1 | | Watts | | |
| Total | 720 | 75 | 600 | 1500 | 1350 | 4245 | | |
| | | | | | Con f.u. | 2972 | | |

| | Censo de Carga | | | | | | | |
|------------|----------------|-------------|---------------|---------------|---------------|-------|--|--|
| D3 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | | | |
| Sala | 1 | | 1 | 1 | 1 | | | |
| Comedor | 1 | 1 | 1 | | | | | |
| Cocina | 1 | | | 1 | 1 | | | |
| Baño | 1 | | | | | | | |
| Escaleras | 1 | | | | | | | |
| Pasillo | 2 | | | | | | | |
| Recamara 1 | 1 | | 1 | 1 | | | | |
| Recamara 2 | 1 | | 1 | 1 | | | | |
| Recamara 3 | 1 | | 1 | 1 | | | | |
| Baño 1 | 2 | | | 1 | | Watts | | |
| Total | 720 | 75 | 750 | 1800 | 900 | 4245 | | |
| | | | | | Con f.u. | 2972 | | |

| | Censo de Carga | | | | | | | |
|------------|----------------|-------------|---------------|---------------|---------------|-------|--|--|
| D4 | Lámpara 60w | Lámpara 75w | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | | | |
| Sala | 1 | | 1 | 1 | 1 | | | |
| Comedor | 1 | 1 | 1 | | | | | |
| Cocina | 1 | | | 1 | 1 | | | |
| Baño | 1 | | | | | | | |
| Escaleras | 1 | | | | | | | |
| Pasillo | 2 | | | | | | | |
| Recamara 1 | 1 | | 1 | 1 | | | | |
| Recamara 2 | 1 | | 1 | 1 | | | | |
| Recamara 3 | 1 | | 1 | 1 | | | | |
| Baño 1 | 2 | | | 1 | | Watts | | |
| Total | 720 | 75 | 750 | 1800 | 900 | 4245 | | |
| | | | | | Con f.u. | 2972 | | |

| | | | | | Cuadro de | cargas | | | |
|----------------|-------|---------|---------|---------------|---------------|---------------|-----------|-------------|----------------|
| Circ | uitos | Lámpara | Lámpara | 1 Contacto P. | 2 Contacto P. | 3 Contacto P. | Watts [w] | Factor de | Interruptor |
| Circ | uitos | 60 | 75 | 150 | 300 | 450 | watts [w] | Utilización | Termomagnético |
| | D11 | 12 | 1 | | | | 795 | | 1x10 |
| Мı | D12 | | | 1 | 1 | 3 | 1800 | 70 | 1x15 |
| | D13 | | | 3 | 4 | | 1650 | | 1x15 |
| | D21 | 12 | 1 | | | | 795 | | 1x10 |
| M ₂ | D22 | | | 1 | 1 | 3 | 1800 | 70 | 1x15 |
| | D23 | | | 3 | 4 | | 1650 | | 1x15 |
| | D31 | 12 | 1 | | | | 795 | | 1x10 |
| Мз | D32 | | | 2 | 2 | 2 | 1800 | 70 | 1x15 |
| | D33 | | | 3 | 4 | | 1650 | | 1x15 |
| | D41 | 12 | 1 | | | | 795 | | 1x10 |
| M4 | D42 | | | 2 | 2 | 2 | 1800 | 70 | 1x15 |
| | D43 | | | 3 | 4 | | 1650 | | 1x15 |

| Total por medidor considerando f.u | 2972 | |
|------------------------------------|------|--|
|------------------------------------|------|--|

| M1 | Seccion | 5,6,7 |
|------|----------|-------|
| | A-B | 17.34 |
| PB | B-C | 10.02 |
| | C-D | 12.79 |
| | A-B | 28.03 |
| D.A. | В-С | 3.61 |
| PA | C-D | 21.97 |
| | D-E | 10.66 |
| | M1-S1-D1 | 7.6 |
| | Total | 136 |

| M3 | Seccion | 4,5,6,7 |
|----|----------|---------|
| | D-E | 11.98 |
| PB | E-F | 7.82 |
| | F-G-H | 23.01 |
| | E-F | 11.44 |
| | F-G-H | 19.1 |
| PA | H-I-J | 29.8 |
| | M3-S3-D3 | 15.68 |
| | Total | 134 |

| Bajadas | Altura |
|--------------------|--------|
| Medor | 1 |
| Caja de fusible | 1.3 |
| Circuito principal | 1.3 |
| Lampara muro | 0.5 |
| Apagadores | 1.75 |
| Contacto 1 | 1.8 |
| Contacto 2,3 | 2 |

| M2 | Seccion | 1,2,3 |
|----|----------|-------|
| | A-B | 17.34 |
| PB | B-C | 10.02 |
| | C-D | 12.79 |
| | A-B | 28.03 |
| | В-С | 3.61 |
| PA | C-D | 21.97 |
| | D-E | 10.66 |
| | M2-S2-D2 | 7.6 |
| _ | Total | 136 |

| M4 | Seccion | 1,2,3,4 |
|----|----------|---------|
| | D-E | 11.98 |
| PB | E-F | 7.82 |
| | F-G-H | 23.01 |
| | E-F | 11.44 |
| РА | F-G-H | 19.1 |
| | H-I-J | 29.8 |
| | M4-S4-D4 | 15.68 |
| | Total | 134 |

| Mangera total 1/2" | 600m |
|--------------------|------|
| Mangera total 3/4" | 50m |

Nota:

Valores calculados con un factor de corrección.

| D11 | Sección | 5,6,7 |
|------|---------|---------------|
| | A-B | 22.57 |
| PB | B-C | 20.04 |
| | C-D | 14.54 |
| D11 | Sección | 6,7,8,9,10,11 |
| | A-B | 63.03 |
| PA | B-C | 11.86 |
| PA | C-D | 43.11 |
| | D-E | 7.5 |
| 2-14 | Total | 237 |

| D12 | Sección | 5,6,7 |
|--------|---------|-------|
| | A-B | 11.91 |
| PB | B-C | 7.57 |
| | C-D | 8.65 |
| 2-12 | Total | 73 |
| 1-12-D | Total | 37 |

| D13 | Sección | 6,7,8,9,10,11 |
|--------|---------|---------------|
| | A-B | 17.2 |
| PA | В-С | 1.11 |
| PA | C-D | 10.89 |
| | D-C | 7.89 |
| 2-12 | Total | 96 |
| 1-12-D | Total | 48 |

| Bajadas | Altura |
|--------------------|--------|
| Medidor | 1 |
| Caja de fusible | 1.3 |
| Circuito principal | 1.3 |
| Lámpara muro | 0.5 |
| Apagadores | 1.75 |
| Contacto 1 | 1.8 |
| Contacto 2,3 | 2 |

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|----|----------|----|---|
| IV | U | ιa | • |

Valores calculados con un factor de corrección.

| D21 | Sección | 5,6,7 |
|------|---------|---------------|
| | A-B | 22.57 |
| PB | В-С | 20.04 |
| | C-D | 14.54 |
| D11 | Sección | 6,7,8,9,10,11 |
| | A-B | 64.03 |
| РА | B-C | 11.86 |
| PA | C-D | 43.11 |
| | D-E | 7.5 |
| 2-14 | Total | 239 |

| D22 | Sección | 5,6,7 |
|--------|---------|-------|
| | A-B | 11.91 |
| PB | B-C | 7.57 |
| | C-D | 8.65 |
| 2-12 | Total | 73 |
| 1-12-D | Total | 37 |

| D23 | Sección | 6,7,8,9,10,11 |
|--------|---------|---------------|
| | A-B | 17.2 |
| PA | B-C | 1.11 |
| PA | C-D | 10.89 |
| | D-C | 7.89 |
| 2-12 | Total | 96 |
| 1-12-D | Total | 48 |

| D31 | Sección | 4,5,6,7 |
|------|---------|---------------|
| | D-E | 5.8 |
| PB | E-F | 12.14 |
| | G-H | 32.71 |
| D31 | Sección | 6,7,8,9,10,11 |
| | E-F | 8.88 |
| PA | F-G | 25.85 |
| PA | G-H | 25.14 |
| | H-I-J | 39.21 |
| 2-14 | Total | 195 |

| D32 | Sección | 5,6,7 |
|--------|---------|-------|
| | D-E | 8.79 |
| PB | E-F | 7.82 |
| | F-G-H | 13.08 |
| 2-12 | Total | 77 |
| 1-12-D | Total | 39 |

| D33 | Sección | 6,7,8,9,10,11 |
|--------|---------|---------------|
| | E-F | 8.35 |
| PA | F-G | 10.14 |
| PA | G-H | 1.05 |
| | H-I-J | 18.35 |
| 2-12 | Total | 99 |
| 1-12-D | Total | 49 |

| Circuito principal | | Metros |
|--------------------|--------------|--------|
| M1 | Calibre # 12 | 3 |
| M2 | Calibre # 12 | 5 |
| M3 | Calibre # 6 | 15 |
| M4 | Calibre #4 | 17 |

| D41 | Sección | 4,5,6,7 |
|------|---------|---------------|
| | D-E | 5.8 |
| PB | E-F | 12.14 |
| | G-H | 32.71 |
| D41 | Sección | 6,7,8,9,10,11 |
| | E-F | 8.88 |
| PA | F-G | 25.85 |
| PA | G-H | 25.14 |
| | H-I-J | 39.21 |
| 2-14 | Total | 195 |

| D42 | Sección | 5,6,7 |
|--------|---------|-------|
| | D-E | 8.79 |
| PB | E-F | 7.82 |
| | F-G-H | 13.08 |
| 2-12 | Total | 77 |
| 1-12-D | Total | 39 |

| D43 | Sección | 6,7,8,9,10,11 |
|--------|---------|---------------|
| | E-F | 8.35 |
| PA | F-G | 10.14 |
| PA | G-H | 1.05 |
| | H-I-J | 18.35 |
| 2-12 | Total | 99 |
| 1-12-D | Total | 49 |

| Total de conductor | Metros |
|--------------------|--------|
| Calibre # 14 | 865 |
| Calibre # 12 | 698 |
| Calibre # 12-D | 345 |
| Calibre # 6 | 15 |
| Calibre # 4 | 17 |

COTIZACION 1 (MANGUERA FLEXIBLE)

| ID | Cant. | U/m | Descripción | P-Unitario | Importe |
|------|--------|----------|--|--------------|--------------|
| 1 | 4 | Pz. | Apagador cuatro vías | \$20.60 | \$82.40 |
| 2 | 4 | Emp. | Apagador sencillo, empaque 10 pzas | \$128.60 | \$514.40 |
| 3 | 2 | Emp. | Apagador tres vías, empaque 10 pzas | \$167.30 | \$334.60 |
| 4 | 4 | Pz. | Base para watthorímetro monofásico Seguro y arillo | \$128.92 | \$515.68 |
| 5 | 11 | kg | Cable desnudo cal. 12 (kg/m) | \$59.02 | \$649.22 |
| 6 | 17 | Metro | Cable THW cal. 4 | \$64.35 | \$1,093.95 |
| 7 | 15 | Metro | Cable THW cal. 6 | \$41.45 | \$621.75 |
| 8 | 7 | Caja | Cable THW cal. 12 , 100 m, Rojo/Negro | \$1,030.00 | \$7,210.00 |
| 9 | 9 | Caja | Cable THW cal. 14 , 100 m, Rojo/Negro | \$693.00 | \$6,237.00 |
| 10 | 1 | Caja | Caja de conexiones negra 1/2" Poliflex 60 pzas con tapa, loza | \$874.00 | \$874.00 |
| 11 | 8 | Pz. | Cartucho fusible clase H de 30 Amperes | \$17.76 | \$142.08 |
| 12 | 4 | Pz. | Centros de carga de 3 circuitos | \$151.93 | \$607.72 |
| 13 | 1 | Caja | Chalupa negra Poliflex caja con 100 pzas, muro | \$675.00 | \$675.00 |
| 14 | 1 | Pz. | Conector mecánico varilla de tierra | \$98.00 | \$98.00 |
| 15 | 10 | Emp. | Contacto Sencillo Polarizado, paquete con 10 pzas | \$99.00 | \$990.00 |
| 16 | 4 | Pz. | Interruptor de seguridad de 2 x 30 serie ligera | \$93.49 | \$373.96 |
| 17 | 4 | Pz. | Interruptor termomagnético 1x10 A | \$72.00 | \$288.00 |
| 18 | 8 | Pz. | Interruptor termomagnético 1x15 A | \$80.00 | \$640.00 |
| 19 | 4 | Pz. | Lámpara incandescente 75 w | \$10.00 | \$40.00 |
| 20 | 48 | Pz. | Lámpara incandescente 60 w | \$7.00 | \$336.00 |
| 21 | 6 | Pz. | Manguera Flexible 1/2 100 m con guía plástica | \$435.00 | \$2,610.00 |
| 22 | 1 | Pz. | Manguera Flexible 3/4 50 m con guía plástica | \$360.00 | \$360.00 |
| 23 | 1 | Pz. | Mufa acometida | \$97.00 | \$97.00 |
| 24 | 3 | Pz. | Placa de 1 ventana, paquete con 20 pzas | \$211.00 | \$633.00 |
| 25 | 2 | Pz. | Placa de 2 ventana, paquete con 20 pzas | \$211.00 | \$422.00 |
| 26 | 1 | Pz. | Placa de 3 ventana, paquete con 20 pzas | \$211.00 | \$211.00 |
| 27 | 3 | Emp. | Portalámparas redondo de 102mm con 20 pzas | \$340.00 | \$1,020.00 |
| 28 | 4 | Pz. | Sensor para exterior | \$140.00 | \$560.00 |
| 29 | 1 | Pz. | Tubo bajada acometida | \$279.00 | \$279.00 |
| 30 | 1 | Pz. | Varilla de tierra acometida 5/8 x 3m | \$106.00 | \$106.00 |
| 31 | 4 | Lte. | Materiales varios para instalación Herramienta y material extra. | \$1,500.00 | \$6,000.00 |
| Cost | o mano | o de obr | ra: | Costo Mate. | \$45,008.29 |
| P | or baj | ada | \$720.50 | Diseño | \$6,500.00 |
| | | | | Repre. Legal | \$1,560.00 |
| | | | | Mano de obra | \$74,932.00 |
| · | | | | | \$20,000.00 |
| | | | TOTAL PARA COTIZAR CLIEN | ΤЕ | \$148,000.29 |

Ganancia \$32,312.03

Nota:

Ganancia 30%

Precios mas IVA al facturar.

COTIZACION 2 (MURO DELGADO)

| ID | Cant. | U/m | Descripción | P-Unitario | Importe |
|------|--------|----------|--|--------------|--------------|
| 1 | 20 | Caja | Abrazadera omega 1/2", caja 30pzas | \$37.93 | \$758.60 |
| 2 | 4 | Pz. | Apagador cuatro vías | \$20.60 | \$82.40 |
| 3 | 4 | Emp. | Apagador sencillo, empaque 10 pzas | \$128.60 | \$514.40 |
| 4 | 2 | Emp. | Apagador tres vías, empaque 10 pzas | \$167.30 | \$334.60 |
| 5 | 4 | Pz. | Base para watthorímetro monofásico Seguro y arillo | \$128.92 | \$515.68 |
| 6 | 11 | kg | Cable desnudo cal. 12 (kg/m) | \$59.02 | \$649.22 |
| 7 | 17 | | Cable THW cal. 4 | \$64.35 | \$1,093.95 |
| 8 | 15 | Metro | Cable THW cal. 6 | \$41.45 | \$621.75 |
| 9 | 7 | Caja | Cable THW cal. 12 , 100 m, Rojo/Negro | \$1,030.00 | \$7,210.00 |
| 10 | 9 | Caja | Cable THW cal. 14,100 m, Rojo/Negro | \$693.00 | \$6,237.00 |
| 11 | 1 | Caja | Caja de conexiones galvanizada 1/2" 60 pzas c/tapa, loza | \$962.00 | \$962.00 |
| 12 | 8 | Pz. | Cartucho fusible clase H de 30 Amperes | \$17.76 | \$142.08 |
| 13 | 4 | Pz. | Centros de carga de 3 circuitos | \$151.93 | \$607.72 |
| 14 | 1 | Caja | Chalupa galvanizada caja con 100 pzas | \$720.30 | \$720.30 |
| 15 | 10 | Caja | Codo conduit 1/2" ,caja 30 pzas | \$246.30 | \$2,463.00 |
| 16 | 20 | Caja | Conector c/tornillo 1/2" , caja 30 pzas | \$68.30 | \$1,366.00 |
| 17 | 20 | Caja | Cople c/tornillo 1/2" ,caja 30pzas | \$67.45 | \$1,349.00 |
| 18 | 1 | Pz. | Conector mecánico varilla de tierra | \$98.00 | \$98.00 |
| 19 | 10 | Emp. | Contacto Sencillo Polarizado, paquete con 10 pzas | \$99.00 | \$990.00 |
| 20 | 4 | Pz. | Interruptor de seguridad de 2 x 30 serie ligera | \$93.49 | \$373.96 |
| 21 | 4 | Pz. | Interruptor termomagnético 1x10 A | \$72.00 | \$288.00 |
| 22 | 8 | Pz. | Interruptor termomagnético 1x15 A | \$80.00 | \$640.00 |
| 23 | 4 | Pz. | Lámpara incandescente 75 w | \$10.00 | \$40.00 |
| 24 | 48 | Pz. | Lámpara incandescente 60 w | \$7.00 | \$336.00 |
| 25 | 250 | Metro | Tubo conduit 1/2" s/cople 3m. | \$80.00 | \$20,000.00 |
| 26 | 20 | Metro | Tubo conduit 3/4 s/cople 3m. | \$96.60 | \$1,932.00 |
| 27 | 1 | Pz. | Mufa acometida | \$97.00 | \$97.00 |
| 28 | 3 | Pz. | Placa de 1 ventana, paquete con 20 pzas | \$211.00 | \$633.00 |
| 29 | 2 | Pz. | Placa de 2 ventana, paquete con 20 pzas | \$211.00 | \$422.00 |
| 30 | 1 | Pz. | Placa de 3 ventana, paquete con 20 pzas | \$211.00 | \$211.00 |
| 31 | 3 | Emp. | Portalámparas redondo de 102mm con 20 pzas | \$340.00 | \$1,020.00 |
| 32 | 4 | Pz. | Sensor para exterior | \$140.00 | \$560.00 |
| 33 | 1 | Pz. | Tubo bajada acometida | \$279.00 | \$279.00 |
| 34 | 1 | Pz. | Varilla de tierra acometida 5/8 x 3m | \$106.00 | \$106.00 |
| 35 | 4 | Lte. | Materiales varios para instalación Herramienta y material extra. | \$1,500.00 | \$6,000.00 |
| Cost | o man | o de obi | ra: + \$50 | Costo Mate. | \$76,563.58 |
| P | or baj | ada | \$770.50 | Diseño | \$6,500.00 |
| | | | | Repre. Legal | \$1,560.00 |
| Gana | ancia | \$3 | 39,599.02 | Mano de obra | \$80,132.00 |
| | | | | Ingeniería | \$20,000.00 |
| Nota | : | | TOTAL PARA COTIZAR CLIENTE | | \$184,755.58 |

Ganancia 30%

Precios mas IVA al facturar.

COTIZACION 2 (MURO GRUESO)

| | | | , | T | |
|------|--------|-------|--|--------------|--------------|
| ID | Cant. | U/m | Descripción (A) | P-Unitario | Importe |
| 1 | 20 | Caja | Abrazadera omega 1/2", caja 30pzas | \$37.93 | \$758.60 |
| 2 | 4 | Pz. | Apagador cuatro vías | \$20.60 | \$82.40 |
| 3 | 4 | Emp. | Apagador sencillo, empaque 10 pzas | \$128.60 | \$514.40 |
| 4 | 2 | Emp. | Apagador tres vías, empaque 10 pzas | \$167.30 | \$334.60 |
| 5 | 4 | Pz. | Base para watthorímetro monofásico Seguro y arillo | \$128.92 | \$515.68 |
| 6 | 11 | kg | Cable desnudo cal. 12 (kg/m) | \$59.02 | \$649.22 |
| 7 | 17 | Metro | Cable THW cal. 4 | \$64.35 | \$1,093.95 |
| 8 | 15 | Metro | Cable THW cal. 6 | \$41.45 | \$621.75 |
| 9 | 7 | Caja | Cable THW cal. 12 , 100 m, Rojo/Negro | \$1,030.00 | \$7,210.00 |
| 10 | 9 | Caja | Cable THW cal. 14,100 m, Rojo/Negro | \$693.00 | \$6,237.00 |
| 11 | 1 | Caja | Caja de conexiones galvanizada 1/2" 60 pzas c/tapa, loza | \$1,100.20 | \$1,100.20 |
| 12 | 8 | Pz. | Cartucho fusible clase H de 30 Amperes | \$17.76 | \$142.08 |
| 13 | 4 | Pz. | Centros de carga de 3 circuitos | \$151.93 | \$607.72 |
| 14 | 1 | Caja | Chalupa galvanizada caja con 100 pzas | \$720.30 | \$720.30 |
| 15 | 10 | Caja | Codo conduit 1/2" ,caja 30 pzas | \$266.30 | \$2,663.00 |
| 16 | 20 | Caja | Conector c/tornillo 1/2" , caja 30 pzas | \$68.30 | \$1,366.00 |
| 17 | 20 | Caja | Cople c/tornillo 1/2" ,caja 30pzas | \$67.45 | \$1,349.00 |
| 18 | 1 | Pz. | Conector mecánico varilla de tierra | \$98.00 | \$98.00 |
| 19 | 10 | Emp. | Contacto Sencillo Polarizado, paquete con 10 pzas | \$99.00 | \$990.00 |
| 20 | 4 | Pz. | Interruptor de seguridad de 2 x 30 serie ligera | \$93.49 | \$373.96 |
| 21 | 4 | Pz. | Interruptor termomagnético 1x10 A | \$72.00 | \$288.00 |
| 22 | 8 | Pz. | Interruptor termomagnético 1x15 A | \$80.00 | \$640.00 |
| 23 | 4 | Pz. | Lámpara incandescente 75 w | \$10.00 | \$40.00 |
| 24 | 48 | Pz. | Lámpara incandescente 60 w | \$7.00 | \$336.00 |
| 25 | 250 | Metro | Tubo conduit 1/2" s/cople 3m. | \$100.00 | \$25,000.00 |
| 26 | 20 | Metro | Tubo conduit 3/4 s/cople 3m. | \$116.60 | \$2,332.00 |
| 27 | 1 | Pz. | Mufa acometida | \$97.00 | \$97.00 |
| 28 | 3 | Pz. | Placa de 1 ventana, paquete con 20 pzas | \$211.00 | \$633.00 |
| 29 | 2 | Pz. | Placa de 2 ventana, paquete con 20 pzas | \$211.00 | \$422.00 |
| 30 | 1 | Pz. | Placa de 3 ventana, paquete con 20 pzas | \$211.00 | \$211.00 |
| 31 | 3 | Emp. | Portalámparas redondo de 102mm con 20 pzas | \$340.00 | \$1,020.00 |
| 32 | 4 | Pz. | Sensor para exterior | \$140.00 | \$560.00 |
| 33 | 1 | Pz. | Tubo bajada acometida | \$279.00 | \$279.00 |
| 34 | 1 | Pz. | Varilla de tierra acometida 5/8 x 3m | \$106.00 | \$106.00 |
| 35 | 4 | Lte. | Materiales varios para instalación Herramienta y material extra. | \$1,500.00 | \$6,000.00 |
| | | | ra: + \$100 | Costo Mate. | \$84,023.24 |
| | or baj | | \$820.50 | Diseño | \$6,500.00 |
| • | | | • | Repre. Legal | \$1,560.00 |
| Gana | ancia | \$4 | 11,259.98 | Mano de obra | \$85,332.00 |
| | | | | | \$20,000.00 |
| Nota | : | | TOTAL PARA COTIZAR CLIENTE | | \$197,415.24 |
| | - | | | | 9101,110.21 |

Ganancia 30%

Precios mas IVA al facturar.

COTIZACION POR BAJADA

| TRABAJO | X UNIADAD | PORTRABAJO TERMINADO |
|---|--------------|----------------------|
| Ranurado de muro 15mm de profundidad | 1 | \$50.00 |
| Elaboracion de cuadro de chalupa 12cm * 8cm | 1 | \$20.00 |
| Elaboracion de cuadro para caja de 1/2" | 1 | \$20.00 |
| Colocar manguera y fijarla | 1 | \$100.00 |
| Colocar chalupa | 1 | \$20.00 |
| Colocar caja de 1/2" | 1 | \$20.00 |
| Cablear | 1 | \$30.00 |
| Colocacion de contacto | 1 | \$15.00 |
| Colocar apagador | 1 | \$15.00 |
| Colocar portalampara y foco | 1 | \$15.00 |
| Colocar sensor para lampara muro | 1 | \$60.00 |
| Colocar centro de carga | 1 | \$100.00 |
| Colocar tapa | 1 | \$10.00 |
| Tendido de mangera por cuartro | 1 | \$150.00 |
| Recoger escombros y depositarlo hasta 20m | 1 | \$30.00 |
| Tota | l por bajada | \$655.00 |

| Material | Marca |
|--|----------|
| Apagador cuatro vías | IUSA |
| Apagador sencillo | IUSA |
| Apagador tres vías | IUSA |
| Base para watthorímetro monofásico Seguro y arillo | IUSA |
| Cable desnudo cal.12 | CONDUMEX |
| Cable THW cal. 4 | CONDUMEX |
| Cable THW cal. 6 | CONDUMEX |
| Cable THW cal. 12 ,Rojo/Negro | CONDUMEX |
| Cable THW cal. 14 ,Rojo/Negro | CONDUMEX |
| Caja de conexiones negra 1/2" | POLIFLEX |
| Cartucho fusible clase H de 30 Amperes | IUSA |
| Centros de carga de 3 circuitos | IUSA |
| Chalupa negra | POLIFLEX |
| Conector mecánico varilla de tierra | CADWELL |
| Contacto Sencillo Polarizado | IUSA |
| Interruptor de seguridad de 2 x 30 serie ligera | IUSA |
| Interruptor termomagnético 1x10 A | IUSA |
| Interruptor termomagnético 1x15 A | IUSA |
| Lámpara incandescente 75 w | PHILIPS |
| Lámpara incandescente 60 w | PHILIPS |
| Manguera Flexible 1/2 con guía plástica | POLIFLEX |
| Manguera Flexible 3/4 con guía plástica | POLIFLEX |
| Mufa acometida | AMESA |
| Placa de 1 ventana | IUSA |
| Placa de 2 ventana | IUSA |
| Placa de 3 ventana | IUSA |
| Portalámparas redondo | IUSA |
| Sensor para exterior | VOLTECH |
| Tubo bajada acometida | ATRESA |
| Varilla de tierra | AMESA |
| Materiales varios para instalación Herramienta y material extra. | Varios |