**Proyecto Eléctrico Domiciliario**

**Tablas de Determinación del Proyecto**

Tabla 1

|  |  |  |  |
| --- | --- | --- | --- |
| Conteo de P.M.U.s | |  |  |
|  |  |  |  |
| Habitación | SLA m² (aproximada) | bocas IUG a instalar | bocas TUG a instalar |
| Comedor | 18.7 | 3 | 4 dobles |
| Dormitorio 1 | 9.43 | 1 | 3 dobles + 1 simple = 4 |
| Dormitorio 2 | 7.62 | 2 (luz + ventilador) | 3 dobles |
| Dormitorio 3 | 9.25 | 2 (luz + ventilador) | 3 dobles |
| Cocina | (no corresponde) | 4 | 4 dobles + 1 simple = 5 |
| Baño | (no corresponde) | 1 | 1 doble |
| Recibidor | 6.37 | 1 + timbre = 2 | 1 doble |
| Pasillo | 3.25 | 1 | 1 doble |
| Galería | 2.4 / 2 | 2 | 0 |
| Suma |  | 18 bocas | 22 bocas |

Tabla 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Subdivisión Circuitos |  |  |  |  |  |
|  |  |  |  |  |  |
| Habitación | IUG-1 | TUG-1 | IUG-2 | TUG-2 | TUG-A.A. |
| Comedor | -- | -- | 3 | 4 | -- |
| Dormitorio 1 | 1 | 3 | -- | -- | 1 |
| Dormitorio 2 | 2 | 3 | -- | -- | -- |
| Dormitorio 3 | 2 | 3 | -- | -- | -- |
| Cocina | -- | -- | 4 | 5 | -- |
| Baño | 1 | 1 | -- | -- | -- |
| Recibidor | -- | -- | 2 | 1 | -- |
| Pasillo | 1 | 1 | -- | -- | -- |
| Galería | -- | -- | 2 | -- | -- |
| Totales | 7 bocas | 12 bocas | 11 bocas | 10 bocas | 1 boca |

Tabla 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Demandas y Corrientes |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | IUG-1 | TUG-1 | IUG-2 | TUG-2 | TUG-A.A. | Seccional |
| Cantidad de bocas | 9 bocas | 12 bocas | 9 bocas | 10 bocas | 1 boca |  |
| DPMS (VA) | 360 | 2200 | 360 | 2200 | 2200 | 6960 |
| Tensión (V) | 220 | 220 | 220 | 220 | 220 | 220 |
| IB (A) de cada boca | 1.64 | 10 | 1.64 | 10 | 10 | 33.28 |
| Sección Línea y Neutro (mm2) | 1.5 | 2.5 | 1.5 | 2.5 | 2.5 | 4 |
| Sección Puesta a Tierra (mm2) | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 4 |
| IZ (A) de los cables | 15 | 21 | 15 | 21 | 21 | 28 |
| IN (A) del ITM | 10 | 16 | 10 | 16 | 16 | 25 |

**Tablas de Insumos Eléctricos**

Tabla 4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Insumos por Habitación |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | B | C | D1 | D2 | D3 | P | EC | R | G | Suma | $ un. | $ |
| Octogonal PVC Genrod | 1 | 4 | 2 | 2 | 1 | 2 | 4 | 1 | 2 | 19 | 450 | 8550 |
| Caja 10 x 5 PVC Genrod | 2 | 8 | 4 | 4 | 4 | 3 | 6 | 2 | 1 | 34 | 400 | 13600 |
| Tomas 2x10 A Cambre | 2 | 9 | 6 | 6 | 6 | 2 | 8 | 2 | 0 | 41 | 6000 | 246000 |
| Tecla Simple Cambre 10 A | 1 | 4 | 1 | 2 | 2 | 0 | 2 | 2 | 0 | 14 | 3490 | 48860 |
| Tecla Combinada Cambre | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2250 | 4500 |
| Tecla Timbre Cambre | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3700 | 3700 |
| Total |  |  |  |  |  |  |  |  |  |  |  | 325210 |

Referencias para leer la Tabla 4:

B = Baño

C = Cocina

D1 = Dormitorio 1

D2 = Dormitorio 2

D3 = Dormitorio 3

P = Pasillo

EC = Estar Comedor

R = Recibidor

G = Galería

Tabla 5

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Insumos por Circuito (mts) |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | IUG-1 | IUG-2 | TUG-1 | TUG-2 | A.A. | Seccional | $/mts | $ |
| Caño Corrugado 3/4´´ | 0 | 0 | 29 | 17 | 8 | 7 | 312 | 19032 |
| Caño Corrugado 5/8´´ | 36 | 45 | 0 | 0 | 0 | 0 | 264 | 21384 |
| Cable 2.5 mm2 celeste | 0 | 0 | 29 | 17 | 8 | 0 | 595 | 32130 |
| Cable 2.5 mm2 marrón | 0 | 0 | 29 | 17 | 8 | 0 | 595 | 32130 |
| Cable 2.5 mm2 P.E | 0 | 0 | 29 | 17 | 8 | 0 | 595 | 32130 |
| Cable 1.5 mm2 celeste | 36 | 45 | 0 | 0 | 0 | 0 | 372 | 30132 |
| Cable 1.5 mm2 marrón | 36 | 45 | 0 | 0 | 0 | 0 | 372 | 30132 |
| Cable 6 mm2 Marrón | 0 | 0 | 0 | 0 | 0 | 15 | 1488 | 22320 |
| Cable 6 mm2 Celeste | 0 | 0 | 0 | 0 | 0 | 15 | 1488 | 22320 |
| Total |  |  |  |  |  |  |  | 241710 |

Tabla 6

|  |  |  |  |
| --- | --- | --- | --- |
| Insumos Generales |  |  |  |
|  |  |  |  |
|  |  | $ un. | $ |
| ITM 32 A | 1 | 5784 | 5784 |
| ITM 10 A | 2 | 5784 | 11568 |
| ITM 16 A BAW | 3 | 17100 | 51300 |
| ID 40 A ABB | 1 | 73000 | 73000 |
| Caja Para Pilar 8 Módulos IP 54 Conextube | 1 | 15600 | 15600 |
| Caja Din 8 a 12 mod EXT pvc con ventana TAAD | 1 | 4700 | 4700 |
| Conector PVC Genrod 3/4´´ | 70 | 190 | 13300 |
| Conector PVC Genrod 5/8´´ | 50 | 254 | 14500 |
| Jabalina 3/8´´ 1.5 m, tomacable y Caja inspección | 1 | 23000 | 23000 |
| Bornera P. a T. Distribuidor 7 Tomas BAW | 1 | 5444 | 5444 |
| Cable 4 mm2 verde/amarillo | 7 mts | 998 | 6986 |
| Caño p.v.c. rígido doblado en frío 3/4´´ | 9 mts | 3680 | 11040 |
| Caja Estanca 10 x 10 x 6 EXT | 1 | 2600 | 2600 |
| Total |  |  | 238822 |

**Total Presupuestado de Insumos Eléctricos: $ 805.742.-**