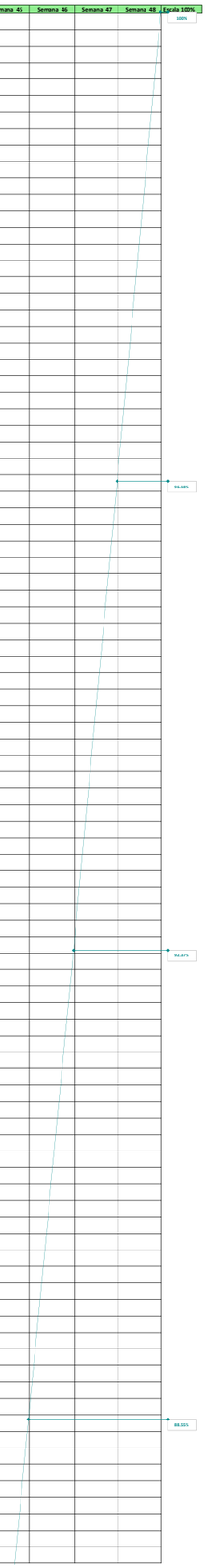
**CRONOGRAMA VALORADO DE TRABAJOS**

OBRA: SISTEMA DE AGUA POTABLE URBANO MARGINAL CHILE, PARROQUIA CHILE, CANTÓN CALVAS.

OFERENTE: CONSORCIO IKONAGUA

| ITEM | CODIGO | DESCRIPCION | UNIDAD | CANTIDAD | P.UNITARIO | TOTAL | Semana 1 | Semana 2 | Semana 3 | Semana 4 | Semana 5 | Semana 6 | Semana 7 | Semana 8 | Semana 9 | Semana 10 | Semana 11 | Semana 12 | Semana 13 | Semana 14 | Semana 15 | Semana 16 | Semana 17 | Semana 18 | Semana 19 | Semana 20 | Semana 21 | Semana 22 | Semana 23 | Semana 24 | Semana 25 | Semana 26 | Semana 27 | Semana 28 | Semana 29 | Semana 30 | Semana 31 | Semana 32 | Semana 33 | Semana 34 | Semana 35 | Semana 36 | Semana 37 | Semana 38 | Semana 39 | Semana 40 | Semana 41 | Semana 42 | Semana 43 | Semana 44 | Semana 45 | Semana 46 | Semana 47 | Semana 48 | Escala 100% |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 24.00 | 0.97 | 23.28 | 5.82 | 5.82 | 5.82 | 5.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100% |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 96.00 | 0.78 | 74.88 | 18.72 | 18.72 | 18.72 | 18.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-003 | 527047 | EXCAVACION A MANO SIN CLASIFICAR EN PRESENCIA | M3 | 35.00 | 10.73 | 375.55 | 46.94 | 46.94 | 46.94 | 46.94 | 46.94 | 46.94 | 46.94 | 46.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-004 | 527048 | EXCAVACION EN ROCA CON EXPLOSIVOS CON PRESEN | M3 | 2.82 | 39.00 | 109.82 | 13.73 | 13.73 | 13.73 | 13.73 | 13.73 | 13.73 | 13.73 | 13.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 1.21 | 13.00 | 15.69 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 123.24 | 6.82 | 840.50 | | | | 93.38 | 93.38 | 93.38 | 93.38 | 93.38 | 93.38 | 93.38 | 93.38 | 93.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 4,329.91 | 2.09 | 9,049.51 | | | | 1,005.40 | 1,005.40 | 1,005.40 | 1,005.40 | 1,005.40 | 1,005.40 | 1,005.40 | 1,005.40 | 1,006.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-008 | 527052 | HORMIGÓN SIMPLE EN REPLANTILLO F'C=140 KG/CM | M3 | 3.95 | 112.12 | 442.35 | | | | 49.15 | 49.15 | 49.15 | 49.15 | 49.15 | 49.15 | 49.15 | 49.15 | 49.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 26.62 | 185.25 | 4,931.82 | | | | 547.93 | 547.93 | 547.93 | 547.93 | 547.93 | 547.93 | 547.93 | 547.93 | 548.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 15.92 | 4.88 | 77.69 | | | | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 8.44 | 19.50 | 164.58 | | | | 18.28 | 18.28 | 18.28 | 18.28 | 18.28 | 18.28 | 18.28 | 18.28 | 18.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-012 | 527056 | MECHINALES PVC 75 MM | U | 14.00 | 4.50 | 63.00 | | | | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 40.00 | 12.18 | 487.20 | | | | | | | | 97.44 | 97.44 | 97.44 | 97.44 | 97.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-014 | 527058 | TRANSPORTE EN ACEMILA | M3*M | 14,701.88 | 0.29 | 4,263.55 | | | | 473.68 | 473.68 | 473.68 | 473.68 | 473.68 | 473.68 | 473.68 | 473.68 | 474.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-015 | 527059 | REJILLA METÁLICA (149X40MM) BARROTES 1*1/2", PE | U | 1.00 | 131.62 | 131.62 | | | | | | | | 26.32 | 26.32 | 26.32 | 26.32 | 26.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-016 | 527060 | COMPUERTA METÁLICA CON VOLANTE Y VERTEDERO | U | 1.00 | 538.56 | 538.56 | | | | | | | | 107.71 | 107.71 | 107.71 | 107.71 | 107.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-017 | 527061 | TUBERÍA PVC UPSE 200MM X 6M 1,00MPA(145PSI) | M | 2.50 | 31.20 | 78.00 | | | | | | | | 15.60 | 15.60 | 15.60 | 15.60 | 15.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-018 | 527062 | TUBERÍA PVC UPSE 160MM X 6M 1,00MPA(145PSI) | M | 10.00 | 24.37 | 243.70 | | | | | | | | 48.74 | 48.74 | 48.74 | 48.74 | 48.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 48.00 | 0.97 | 46.56 | | | | 9.31 | 9.31 | 9.31 | 9.31 | 9.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 41.40 | 0.78 | 32.29 | | | | 6.46 | 6.46 | 6.46 | 6.46 | 6.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 47.46 | 13.00 | 616.98 | | | | 68.55 | 68.55 | 68.55 | 68.55 | 68.55 | 68.55 | 68.55 | 68.55 | 68.61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 22.60 | 19.50 | 440.70 | | | | | | | | 48.96 | 48.96 | 48.96 | 48.96 | 48.96 | 48.96 | 48.96 | 48.96 | 49.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 15.29 | 185.25 | 2,833.03 | | | | | | | | 314.75 | 314.75 | 314.75 | 314.75 | 314.75 | 314.75 | 314.75 | 314.75 | 315.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 118.68 | 6.82 | 809.40 | | | | | | | | 89.92 | 89.92 | 89.92 | 89.92 | 89.92 | 89.92 | 89.92 | 89.92 | 90.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 56.10 | 12.18 | 683.30 | | | | | | | | | | | | 136.66 | 136.66 | 136.66 | 136.66 | 136.66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 17.28 | 9.75 | 168.48 | | | | | | | | | | | | 33.70 | 33.70 | 33.70 | 33.70 | 33.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-020 | 527064 | TAPA DE BOCA DE VISITA TOL 1/16" (0.60m x 0.60m) | U | 3.00 | 82.87 | 248.61 | | | | | | | | | | | | 49.72 | 49.72 | 49.72 | 49.72 | 49.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 644.16 | 2.09 | 1,346.29 | | | | | | | | 149.57 | 149.57 | 149.57 | 149.57 | 149.57 | 149.57 | 149.57 | 149.57 | 149.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-021 | 527065 | PINTURA CAUCHO LATEX | M2 | 60.10 | 3.51 | 210.94 | | | | | | | | | | | | 42.19 | 42.19 | 42.19 | 42.19 | 42.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-022 | 527066 | CERRAMIENTO DE MALLA + TUBO HG DE 2" | M | 35.68 | 29.25 | 1,043.64 | | | | | | | | | | | | 208.73 | 208.73 | 208.73 | 208.73 | 208.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-023 | 527067 | PUERTA PEATONAL DE MALLA Y TUBO HG 2" | M2 | 2.00 | 146.25 | 292.50 | | | | | | | | | | | | 58.50 | 58.50 | 58.50 | 58.50 | 58.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-024 | 527068 | HORMIGON CICLOPEO (60% H.S. F'c=180 Kg/cm2) | M3 | 5.35 | 160.88 | 861.03 | | | | | | | | 95.66 | 95.66 | 95.66 | 95.66 | 95.66 | 95.66 | 95.66 | 95.66 | 95.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-025 | 527069 | HORMIGÓN SIMPLE EN COLUMNAS F'c=210 Kg/cm² | M3 | 0.31 | 199.87 | 62.66 | | | | | | | | 6.96 | 6.96 | 6.96 | 6.96 | 6.96 | 6.96 | 6.96 | 6.96 | 6.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-026 | 527070 | HORMIGON SIMPLE F'c=180 Kg/cm2 | M3 | 1.61 | 156.00 | 250.47 | | | | | | | | 27.83 | 27.83 | 27.83 | 27.83 | 27.83 | 27.83 | 27.83 | 27.83 | 27.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-027 | 527071 | UNION GIBAULT HD TIPO DRESSER 160MM | U | 17.00 | 73.12 | 1,243.04 | | | | | | | | | | | | 248.61 | 248.61 | 248.61 | 248.61 | 248.61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-028 | 527072 | TEE LA LL 160mm x 160mm e=4 mm | U | 3.00 | 102.38 | 307.14 | | | | | | | | | | | | 61.43 | 61.43 | 61.43 | 61.43 | 61.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-018 | 527062 | TUBERÍA PVC UPSE 160MM X 6M 1,00MPA(145PSI) | M | 15.00 | 24.37 | 365.55 | | | | | | | | | | | | 73.11 | 73.11 | 73.11 | 73.11 | 73.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-029 | 527073 | CODO 90° LA LL 160 mm e=4mm | U | 3.00 | 102.38 | 307.14 | | | | | | | | | | | | 61.43 | 61.43 | 61.43 | 61.43 | 61.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-030 | 527074 | TUBERÍA LA LL Ø=160mm, e=4m, sin costura | M | 3.00 | 87.75 | 263.25 | | | | | | | | | | | | 52.65 | 52.65 | 52.65 | 52.65 | 52.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-031 | 527045 | VALVULA DE COMPUERTA HF LL 160mm | U | 4.00 | 565.50 | 2,262.00 | | | | | | | | | | | | 452.40 | 452.40 | 452.40 | 452.40 | 452.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-032 | 527044 | REPLANTEO Y NIVELACION DEL EJE CON EQUIPO TOP | Km | 2.43 | 302.25 | 734.47 | 183.62 | 183.62 | 183.62 | 183.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-033 | 527043 | EXCAVACION MANUAL ZANJAS | M3 | 1,166.40 | 8.58 | 10,007.71 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | 625.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-004 | 527048 | EXCAVACION EN ROCA CON EXPLOSIVOS CON PRESEN | M3 | 5.00 | 39.00 | 195.00 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | 12.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 545.04 | 4.88 | 2,659.77 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | 166.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-034 | 527027 | RELLENO COMPACTADO DE ZANJAS | M3 | 545.04 | 10.73 | 5,848.23 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | 365.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-017 | 527061 | TUBERÍA PVC UPSE 200MM X 6M 1,00MPA(145PSI) | M | 2,430.00 | 31.20 | 75,816.00 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | 4,738.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-035 | 527014 | RASANTEO DE ZANJA | M | 2,430.00 | 0.68 | 1,652.40 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | 101.28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-036 | 527015 | SUMINISTRO Y COLOCACIÓN DE COLCHÓN DE ARENA | M3 | 145.80 | 15.21 | 2,217.62 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | 138.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-026 | 527070 | HORMIGON SIMPLE F'c=180 Kg/cm2 | M3 | 5.00 | 156.00 | 780.00 | | | | | | | | | | | | 156.00 | 156.00 | 156.00 | 156.00 | 156.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 5.28 | 13.00 | 68.64 | | | | | | | | | | | | 13.73 | 13.73 | 13.73 | 13.73 | 13.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-026 | 527070 | HORMIGON SIMPLE F'c=180 Kg/cm2 | M3 | 3.92 | 156.00 | 611.52 | | | | | | | | | | | | 122.30 | 122.30 | 122.30 | 122.30 | 122.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-037 | 527016 | CABLE DE ACERO 1/2", (INCL. SUMINISTRO E INSTALAC | M | 45.00 | 6.53 | 293.85 | | | | | | | | | | | | 58.77 | 58.77 | 58.77 | 58.77 | 58.77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-038 | 527017 | CABLE DE ACERO 3/8" (INCLUYE TRANSPORTE E INSTA | M | 36.60 | 10.73 | 392.72 | | | | | | | | | | | | 78.54 | 78.54 | 78.54 | 78.54 | 78.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-039 | 527018 | MORDAZA PARA CABLE 3/8" | U | 36.00 | 4.73 | 170.28 | | | | | | | | | | | | 34.06 | 34.06 | 34.06 | 34.06 | 34.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-040 | 527019 | GUARDACABLE 3/8" | U | 9.00 | 1.50 | 13.50 | | | | | | | | | | | | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-041 | 527020 | TUBERÍA LA LL Ø=200mm, e=6mm, sin costura | M | 20.00 | 72.63 | 1,452.60 | | | | | | | | | | | | 290.52 | 290.52 | 290.52 | 290.52 | 290.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-042 | 527021 | TENSOR 3/8" | U | 1.00 | 12.19 | 12.19 | | | | | | | | | | | | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-043 | 529B29 | CANDADO TIPO BARRIL 80 mm | U | 1.00 | 16.09 | 16.09 | | | | | | | | | | | | 3.22 | 3.22 | 3.22 | 3.22 | 3.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-044 | 527023 | CADENA DE ACERO D=5mm | M | 1.00 | 2.05 | 2.05 | | | | | | | | | | | | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-045 | 527024 | TORRES HG 6" (h=5.60M) | U | 2.00 | 243.75 | 487.50 | | | | | | | | | | | | 97.50 | 97.50 | 97.50 | 97.50 | 97.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 0.72 | 13.00 | 9.36 | | | | | | | | | | | | 1.87 | 1.87 | 1.87 | 1.87 | 1.87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-026 | 527070 | HORMIGON SIMPLE F'c=180 Kg/cm2 | M3 | 0.07 | 156.00 | 10.92 | | | | | | | | | | | | 2.18 | 2.18 | 2.18 | 2.18 | 2.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-046 | 527025 | HORMIGÓN SIMPLE EN PUNTOS F'c=210 Kg/cm2 | M3 | 0.14 | 183.30 | 25.66 | | | | | | | | | | | | 5.13 | 5.13 | 5.13 | 5.13 | 5.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-047 | 527026 | HORMIGÓN SIMPLE EN COLUMNAS F'c=210 Kg/cm2 I | M3 | 0.20 | 209.63 | 41.93 | | | | | | | | | | | | 8.39 | 8.39 | 8.39 | 8.39 | 8.39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 31.66 | 2.09 | 66.17 | | | | | | | | | | | | 13.23 | 13.23 | 13.23 | 13.23 | 13.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-048 | 527028 | ACERO ESTRUCTURAL | Kg | 250.00 | 3.22 | 805.00 | | | | | | | | | | | | 161.00 | 161.00 | 161.00 | 161.00 | 161.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 3.50 | 13.00 | 45.50 | | | | | | | | | | | | | | | | 9.10 | 9.10 | 9.10 | 9.10 | 9.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 1.25 | 185.25 | 231.56 | | | | | | | | | | | | | | | | 46.31 | 46.31 | 46.31 | 46.31 | 46.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 25.32 | 6.82 | 172.68 | | | | | | | | | | | | | | | | 34.54 | 34.54 | 34.54 | 34.54 | 34.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-020 | 527064 | TAPA DE BOCA DE VISITA TOL 1/16" (0.60m x 0.60m) | U | 4.00 | 82.87 | 331.48 | | | | | | | | | | | | | | | | 66.30 | 66.30 | 66.30 | 66.30 | 66.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-049 | 527042 | SUMINISTRO E INSTALACIÓN DE COLLARIN PVC 160* | U | 4.00 | 32.18 | 128.72 | | | | | | | | | | | | | | | | 25.74 | 25.74 | 25.74 | 25.74 | 25.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-050 | 527029 | TUBERÍA PVC PR DE 1" | M | 2.85 | 2.63 | 7.50 | | | | | | | | | | | | | | | | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-051 | 527030 | VÁLVULA DE AIRE 1" DOBLE ACCION + ACCESORIOS | U | 4.00 | 297.38 | 1,189.52 | | | | | | | | | | | | | | | | 237.90 | 237.90 | 237.90 | 237.90 | 237.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-052 | 527031 | LLAVE DE PASO 1" | U | 4.00 | 15.51 | 62.04 | | | | | | | | | | | | | | | | 12.41 | 12.41 | 12.41 | 12.41 | 12.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-053 | 527032 | UNIVERSAL PVC-PR 1" | U | 8.00 | 4.88 | 39.04 | | | | | | | | | | | | | | | | 7.81 | 7.81 | 7.81 | 7.81 | 7.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 5.00 | 13.00 | 65.00 | | | | | | | | | | | | | | | | 13.00 | 13.00 | 13.00 | 13.00 | 13.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 4.50 | 185.25 | 833.62 | | | | | | | | | | | | | | | | 166.72 | 166.72 | 166.72 | 166.72 | 166.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 40.00 | 6.82 | 272.80 | | | | | | | | | | | | | | | | 54.56 | 54.56 | 54.56 | 54.56 | 54.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-020 | 527064 | TAPA DE BOCA DE VISITA TOL 1/16" (0.60m x 0.60m) | U | 4.00 | 82.87 | 331.48 | | | | | | | | | | | | | | | | 66.30 | 66.30 | 66.30 | 66.30 | 66.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-054 | 527033 | UNION GIBAULT HD TIPO DRESSER 200MM | U | 16.00 | 85.80 | 1,372.80 | | | | | | | | | | | | | | | | 274.56 | 274.56 | 274.56 | 274.56 | 274.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-055 | 527034 | TEE PVC UPSE Ø200mm | U | 5.00 | 160.88 | 804.40 | | | | | | | | | | | | | | | | 160.88 | 160.88 | 160.88 | 160.88 | 160.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-017 | 527061 | TUBERÍA PVC UPSE 200MM X 6M 1,00MPA(145PSI) | M | 4.00 | 31.20 | 124.80 | | | | | | | | | | | | | | | | 24.96 | 24.96 | 24.96 | 24.96 | 24.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-056 | 527035 | VÁLVULA DE COMPUERTA HF SB LL SRM Ø=200mm | U | 4.00 | 650.01 | 2,600.04 | | | | | | | | | | | | | | | | 520.01 | 520.01 | 520.01 | 520.01 | 520.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 18.00 | 0.97 | 17.46 | | | | 3.49 | 3.49 | 3.49 | 3.49 | 3.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 10.00 | 0.78 | 7.80 | | | | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-003 | 527047 | EXCAVACION A MANO SIN CLASIFICAR EN PRESENCIA | M3 | 11.25 | 10.73 | 120.71 | | | | 13.41 | 13.41 | 13.41 | 13.41 | 13.41 | 13.41 | 13.41 | 13.41 | 13.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-004 | 527048 | EXCAVACION EN ROCA CON EXPLOSIVOS CON PRESEN | M3 | 1.25 | 39.00 | 48.75 | | | | 5.42 | 5.42 | 5.42 | 5.42 | 5.42 | 5.42 | 5.42 | 5.42 | 5.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 30.76 | 6.82 | 209.78 | | | | 23.31 | 23.31 | 23.31 | 23.31 | 23.31 | 23.31 | 23.31 | 23.31 | 23.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 8.00 | 2.09 | 16.72 | | | | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-024 | 527068 | HORMIGON CICLOPEO (60% H.S. F'c=180 Kg/cm2) | M3 | 6.48 | 160.88 | 1,042.50 | | | | 115.82 | 115.82 | 115.82 | 115.82 | 115.82 | 115.82 | 115.82 | 115.82 | 115.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 3.01 | 185.25 | 557.23 | | | | 61.91 | 61.91 | 61.91 | 61.91 | 61.91 | 61.91 | 61.91 | 61.91 | 61.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 1.20 | 4.88 | 5.86 | | | | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 3.56 | 19.50 | 69.42 | | | | 13.88 | 13.88 | 13.88 | 13.88 | 13.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH-057 | 527036 | VERTEDERO DE TOL GALVANIZADO (1/16") (0.50x0.30 | U | 1.00 | 80.89 | 80.89 | | | | | | | | 16.18 | 16.18 | 16.18 | 16.18 | 16.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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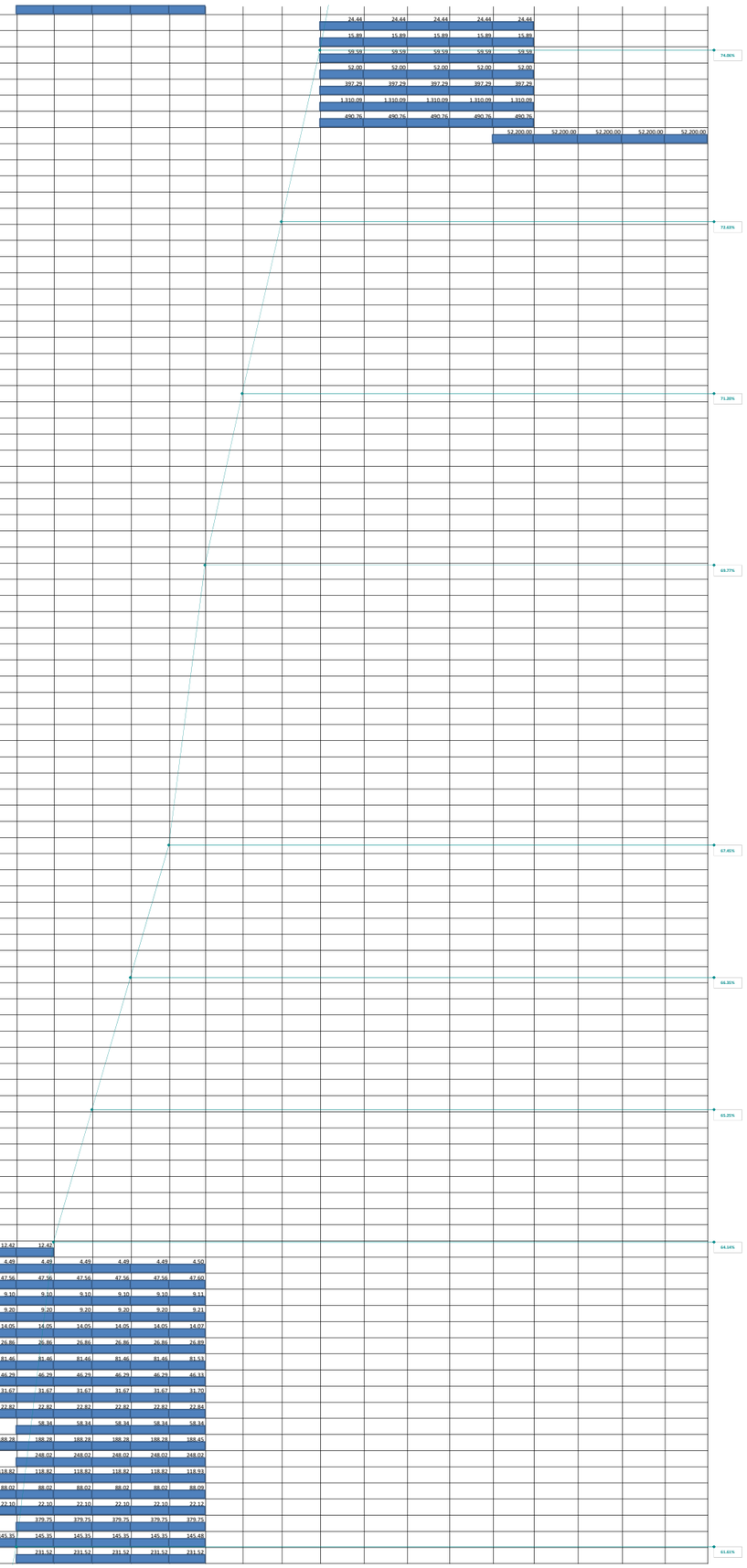
|---|---|---|---|---|---|---|
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 126.00 | 0.97 | 122.22 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 101.87 | 0.78 | 79.46 |
| CH-074 | 527119 | EXCAVACIÓN A MÁQUINA CIELO ABIERTO PLATAFORM | M3 | 152.80 | 1.95 | 297.96 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 20.00 | 13.00 | 260.00 |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 101.87 | 19.50 | 1,986.46 |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 35.36 | 185.25 | 6,550.44 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 1,174.06 | 2.09 | 2,453.79 |
| CH-081 | 527126 | SUMINISTRO E INSTALACIÓN DE PLANTA MODULAR ( | U | 1.00 | 261,000.00 | 261,000.00 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 35.00 | 0.97 | 33.95 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 27.09 | 0.78 | 21.13 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 6.50 | 13.00 | 84.45 |
| CH-082 | 527127 | RELLENO COMPACTADO CON MATERIAL DE MEJORAN | M3 | 2.00 | 16.38 | 32.76 |
| CH-083 | 527128 | DESALOJO DE MATERIAL | M3 | 2.80 | 8.28 | 23.18 |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 4.00 | 4.88 | 19.52 |
| CH-026 | 527070 | HORMIGON SIMPLE F'c=180 Kg/cm2 | M3 | 4.80 | 156.00 | 748.80 |
| CH-024 | 527068 | HORMIGÓN CICLOPEO (60% H.S. F'c=180 Kg/cm2) | M3 | 2.58 | 160.88 | 415.07 |
| CH-084 | 527129 | HORMIGÓN SIMPLE EN CADENAS F'C=210 KG/CM2, IN | M3 | 1.43 | 178.16 | 254.77 |
| CH-047 | 527026 | HORMIGÓN SIMPLE EN COLUMNAS F'c=210 Kg/cm2 I | M3 | 4.01 | 209.63 | 840.62 |
| CH-085 | 527130 | HORMIGÓN SIMPLE EN VIGAS F'C=210 KG/CM2, INCL | M3 | 1.88 | 214.50 | 403.26 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 1,199.37 | 2.09 | 2,506.68 |
| CH-086 | 527131 | HORMIGÓN SIMPLE EN LOSA DE CUBIERTA F'C=210 K | M3 | 2.21 | 224.25 | 495.59 |
| CH-087 | 527132 | BLOQUE ALIVIANADO PARA LOSA | U | 315.00 | 0.73 | 229.95 |
| CH-088 | 527133 | MAMPOSTERIA DE BLOQUE DE 10 | M2 | 86.55 | 17.55 | 1,518.95 |
| CH-076 | 527121 | CONTRAPISO HORMIGÓN SIMPLE F'C=180 KG/CM2 E= | M2 | 41.29 | 25.35 | 1,046.70 |
| CH-089 | 527134 | CERAMICA EN PISO | M2 | 41.29 | 22.43 | 926.13 |
| CH-090 | 527135 | ENLUCIDO VERTICAL-PALETEADO FINO | M2 | 199.97 | 7.82 | 1,563.77 |
| CH-091 | 527136 | ENLUCIDO DE FAJAS | M | 50.00 | 10.73 | 536.50 |
| CH-021 | 527065 | PINTURA CAUCHO LATEX | M2 | 199.97 | 3.51 | 701.89 |
| CH-092 | 527137 | PINTURA CAUCHO CIELO RASO | M2 | 31.60 | 4.39 | 138.72 |
| CH-093 | 527138 | VENTANA DE HIERRO | M2 | 10.00 | 58.50 | 585.00 |
| CH-094 | 527139 | CLOSETS Y REPISAS DE MADERA | M2 | 6.24 | 156.00 | 973.44 |
| CH-095 | 527140 | PUNTO DE ILUMINACION | PTO. | 7.00 | 19.50 | 136.50 |
| CH-096 | 527111 | PUNTO TOMACORRIENTE DOBLE | PTO | 6.00 | 29.25 | 175.50 |
| CH-097 | 527141 | LÁMPARA FLUORESCENTE 2X32W CAT T8 | U | 4.00 | 17.55 | 70.20 |
| CH-098 | 527110 | TABLERO ELÉCTRICO 2-4 PUNTOS (INCLUYE BREAKERS | U | 1.00 | 69.23 | 69.23 |
| CH-099 | 527108 | PUNTO DE AGUA 1/2" | PTO | 8.00 | 15.41 | 123.28 |
| CH-100 | 527079 | TUBERIA PVC-P U/Rc 1/2" | M | 24.00 | 2.09 | 50.16 |
| CH-101 | 527080 | BAJANTE DE AGUA LLUVIAS PVC 110 mm | M | 12.00 | 6.53 | 78.36 |
| CH-062 | 527041 | TUBERÍA PVC-S E/C DESAGÜE 110mm | M | 12.00 | 6.14 | 73.68 |
| CH-102 | 527081 | DESAGUE PVC NORMAL 50 mm. | M | 15.00 | 10.24 | 153.60 |
| CH-103 | 527082 | DESAGUE PVC NORMAL 110 mm. | pt | 5.00 | 16.86 | 84.30 |
| CH-104 | 527083 | TUBERIA PVC-S E/C DESAGUE 50mm | M | 30.00 | 3.07 | 92.10 |
| CH-105 | 527084 | REJILLA DE PISOS DE ALUMINIO 50 mm | U | 14.00 | 7.36 | 103.04 |
| CH-077 | 527122 | CAJA DE REVISIÓN DE H.S. F'c= 180Kg/cm2 0.80 X 0.80 | U | 2.00 | 92.63 | 185.26 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 250.50 | 0.97 | 242.98 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 0.17 | 0.78 | 0.13 |
| CH-106 | 527085 | EXCAVACION DE ZANJAS A MAQUINA | M3 | 220.44 | 2.20 | 484.97 |
| CH-035 | 527014 | RASANTEO DE ZANJA | M | 167.00 | 0.68 | 113.56 |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 200.40 | 4.88 | 977.95 |
| CH-083 | 527128 | DESALOJO DE MATERIAL | M3 | 20.60 | 8.28 | 170.57 |
| CH-107 | 527086 | SUMINISTRO DE TUBERIA PERFILADA DE PARED INTE | M | 66.00 | 14.04 | 926.64 |
| CH-108 | 529831 | SUMINISTRO DE TUBERIA PERFILADA DE PARED INTE | M | 101.00 | 4.88 | 492.88 |
| CH-036 | 527015 | SUMINISTRO Y COLOCACIÓN DE COLCHÓN DE ARENA | M3 | 10.02 | 15.21 | 152.40 |
| CH-109 | 527088 | POZO DE REVISION H=0.8-2.00 m. INCLUYE ENCONFR | U | 5.00 | 429.00 | 2,145.00 |
| CH-110 | 527089 | CAJAS DE REVISION DE LADRILLO 60X60X60cm INCL. T | U | 12.00 | 73.12 | 877.44 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 4.50 | 0.97 | 4.36 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 2.54 | 0.78 | 1.98 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 5.07 | 13.00 | 65.91 |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 2.54 | 19.50 | 49.43 |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 3.35 | 185.25 | 621.33 |
| CH-075 | 527120 | MALLA ELECTROSOLDADA DE 15x15x8mm | M2 | 18.07 | 8.77 | 158.47 |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 26.00 | 6.82 | 177.32 |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 13.00 | 12.18 | 158.34 |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 2.50 | 9.75 | 24.38 |
| CH-062 | 527041 | TUBERÍA PVC-S E/C DESAGÜE 110mm | M | 6.00 | 6.14 | 36.84 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 2.25 | 0.97 | 2.18 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 2.10 | 0.78 | 1.64 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 6.75 | 13.00 | 87.75 |
| CH-009 | 527053 | HORMIGON SIMPLE F'c=210 Kg/cm2 | M3 | 1.47 | 185.25 | 273.15 |
| CH-075 | 527120 | MALLA ELECTROSOLDADA DE 15x15x8mm | M2 | 12.72 | 8.77 | 111.58 |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 25.45 | 6.82 | 173.55 |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 12.72 | 12.18 | 154.97 |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 1.50 | 9.75 | 14.62 |
| CH-062 | 527041 | TUBERÍA PVC-S E/C DESAGÜE 110mm | M | 6.00 | 6.14 | 36.84 |
| CH-111 | 527090 | GRAVA SELECCIONADA Y GRADADA PARA FILTROS | M3 | 0.34 | 97.50 | 33.05 |
| CH-112 | 527091 | ARENA PARA FILTROS D=10-20 MM | M3 | 0.34 | 126.75 | 42.97 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 64.00 | 0.97 | 62.08 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 51.85 | 0.78 | 40.44 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 32.93 | 13.00 | 428.09 |
| CH-082 | 527127 | RELLENO COMPACTADO CON MATERIAL DE MEJORAN | M3 | 5.00 | 16.38 | 81.90 |
| CH-083 | 527128 | DESALOJO DE MATERIAL | M3 | 10.00 | 8.28 | 82.80 |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 25.92 | 4.88 | 126.49 |
| CH-026 | 527070 | HORMIGON SIMPLE F'c=180 Kg/cm2 | M3 | 1.55 | 156.00 | 241.80 |
| CH-046 | 527025 | HORMIGÓN SIMPLE EN PLINTOS F'c=210 Kg/cm2 | M3 | 4.00 | 183.30 | 733.20 |
| CH-024 | 527068 | HORMIGÓN CICLOPEO (60% H.S. F'c=180 Kg/cm2) | M3 | 2.59 | 160.88 | 416.68 |
| CH-084 | 527129 | HORMIGÓN SIMPLE EN CADENAS F'C=210 KG/CM2, IN | M3 | 1.60 | 178.16 | 285.06 |
| CH-047 | 527026 | HORMIGÓN SIMPLE EN COLUMNAS F'c=210 Kg/cm2 I | M3 | 0.98 | 209.63 | 205.44 |
| CH-085 | 527130 | HORMIGÓN SIMPLE EN VIGAS F'C=210 KG/CM2, INCL | M3 | 1.36 | 214.50 | 291.72 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 810.87 | 2.09 | 1,694.72 |
| CH-086 | 527131 | HORMIGÓN SIMPLE EN LOSA DE CUBIERTA F'C=210 K | M3 | 5.53 | 224.25 | 1,240.10 |
| CH-113 | 527092 | SUMINISTRO Y COLOCACIÓN DE PLACA COLABORANT | M2 | 51.00 | 20.97 | 1,069.47 |
| CH-048 | 527028 | ACERO ESTRUCTURAL | Kg | 246.03 | 3.22 | 792.22 |
| CH-114 | 527093 | MALLA ELECTROSOLDADA 20x20x4.0 mm | M2 | 51.00 | 3.90 | 198.90 |
| CH-088 | 527133 | MAMPOSTERIA DE BLOQUE DE 10 | M2 | 108.19 | 17.55 | 1,898.73 |
| CH-076 | 527121 | CONTRAPISO HORMIGÓN SIMPLE F'C=180 KG/CM2 E= | M2 | 51.61 | 25.35 | 1,308.31 |
| CH-089 | 527134 | CERAMICA EN PISO | M2 | 51.61 | 22.43 | 1,157.61 |



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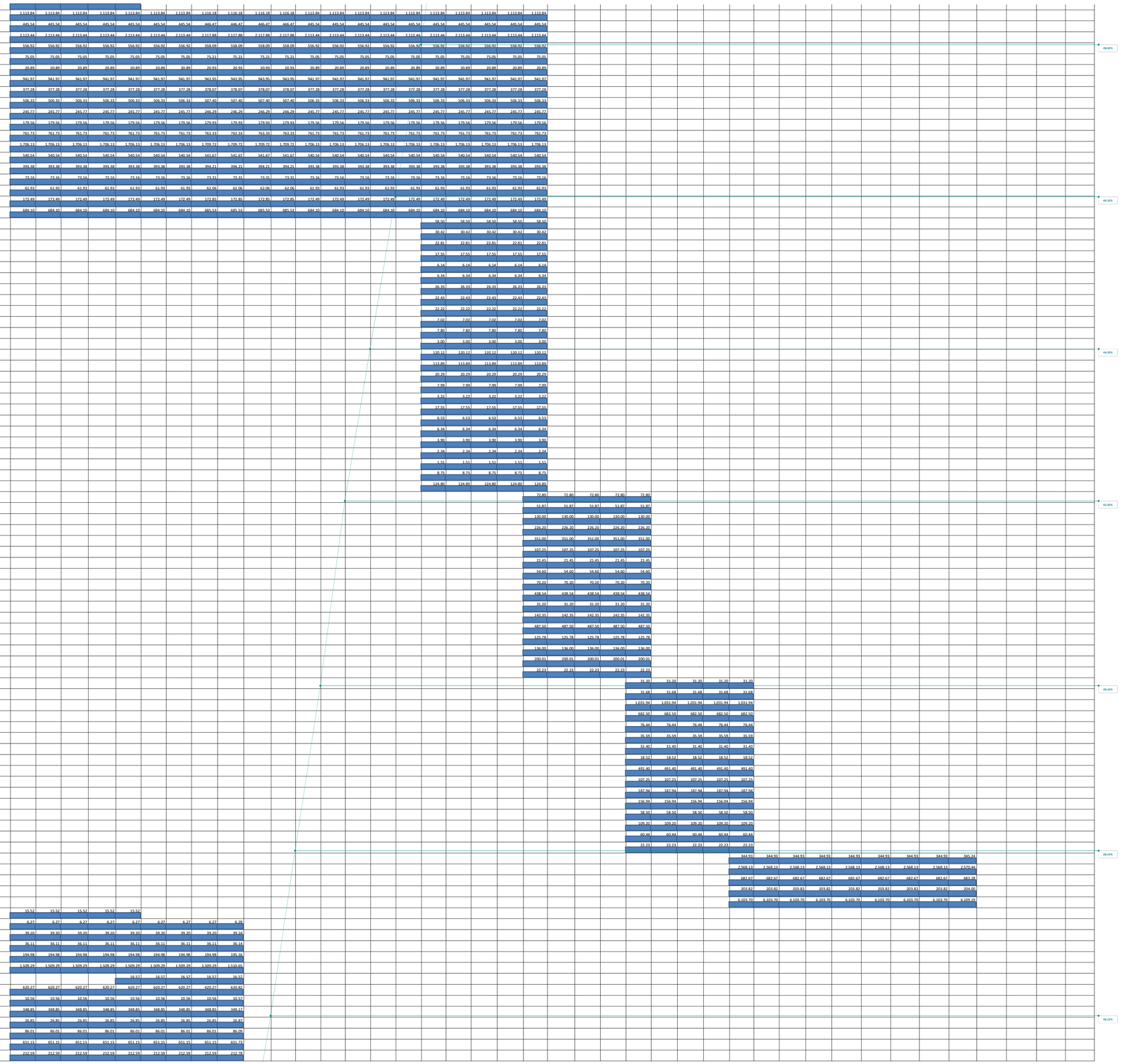
|---|---|---|---|---|---|---|
| CH-157 | 526939 | ROTURA Y REPOSICIÓN DE PAVIMENTO ASFALTICO | M2 | 1,200.00 | 19.50 | 23,400.00 |
| CH-153 | 526935 | ROTURA DE PAVIMENTO RIGIDO e=20 cm A MAQUIN | M2 | 1,200.00 | 7.80 | 9,360.00 |
| CH-154 | 526936 | REPOSICIÓN DE PAVIMENTO RÍGIDO e=20 cm | M2 | 1,200.00 | 37.00 | 44,400.00 |
| CH-155 | 526937 | RETIRO Y REPOSICION DE ADOQUÍN | M2 | 1,200.00 | 9.75 | 11,700.00 |
| CH-033 | 527043 | EXCAVACION MANUAL ZANJAS | M3 | 183.76 | 8.58 | 1,576.66 |
| CH-070 | 527115 | EXCAVACION EN ROCA CON EXPLOSIVOS | M3 | 10.00 | 43.88 | 438.80 |
| CH-106 | 527085 | EXCAVACION DE ZANJAS A MAQUINA | M3 | 8,995.15 | 2.20 | 19,789.33 |
| CH-035 | 527014 | RASANTEO DE ZANJA | M | 11,656.00 | 0.68 | 7,926.08 |
| CH-036 | 527015 | SUMINISTRO Y COLOCACIÓN DE COLCHÓN DE ARENA | M3 | 699.36 | 15.21 | 10,637.27 |
| CH-071 | 527116 | RELLENO COMPACTADO MANUAL | M3 | 1,058.04 | 4.88 | 5,163.24 |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 772.99 | 4.88 | 3,772.19 |
| CH-017 | 527061 | TUBERÍA PVC UPSE 200MM X 6M 1,00MPA(145PSI) | M | 512.91 | 31.20 | 16,002.79 |
| CH-018 | 527062 | TUBERÍA PVC UPSE 160MM X 6M 1,00MPA(145PSI) | M | 1,470.79 | 24.37 | 35,843.15 |
| CH-064 | 527076 | TUBERÍA PVC UPSE 110MM X 6M 1,00MPA(145PSI) | M | 1,013.01 | 11.21 | 11,355.84 |
| CH-158 | 526940 | TUBERÍA PVC UPSE 90MM 1,00MPA(145PSI) | M | 1,412.71 | 5.85 | 8,264.35 |
| CH-159 | 526941 | TUBERÍA PVC UPSE 75MM X 6M 1,00MPA(145PSI) | M | 334.83 | 4.59 | 1,536.87 |
| CH-160 | 526942 | TUBERÍA PVC UPSE 63MM 1,00MPA(145PSI) | M | 333.58 | 3.90 | 1,300.96 |
| CH-161 | 526943 | TUBERÍA PVC UPSE 50MM X 6M 1,00MPA(145PSI) | M | 1,199.90 | 3.02 | 3,623.70 |
| CH-162 | 526914 | TUBERIA PVC - P E/C 32 MM 1.00 MPA | M | 5,548.95 | 2.59 | 14,371.78 |
| CH-163 | 526913 | SUMINISTRO E INSTALACION CRUZ 160 MM PVC P U | U | 3.00 | 97.50 | 292.50 |
| CH-164 | 526912 | SUMINISTRO E INSTALACION CRUZ 110 MM PVC P U | U | 3.00 | 50.70 | 152.10 |
| CH-165 | 526896 | SUMINISTRO E INSTALACION CRUZ 90 MM PVC P UP | U | 3.00 | 38.02 | 114.06 |
| CH-166 | 526883 | SUMINISTRO E INSTALACION CRUZ 63 MM PVC P UP | U | 5.00 | 17.55 | 87.75 |
| CH-167 | 526884 | SUMINISTRO E INSTALACION CRUZ 50 MM PVC P E/C | U | 3.00 | 10.24 | 30.72 |
| CH-168 | 526885 | SUMINISTRO E INSTALACION CRUZ 32 MM PVC P E/C | U | 5.00 | 6.34 | 31.70 |
| CH-169 | 526886 | SUMINISTRO E INSTALACION DE CODO 90º PVC P UP | U | 3.00 | 43.88 | 131.64 |
| CH-170 | 526887 | SUMINISTRO E INSTALACION DE CODO 90º PVC P UP | U | 5.00 | 22.43 | 112.15 |
| CH-171 | 526888 | SUMINISTRO E INSTALACION DE CODO 90º PVC P UP | U | 6.00 | 18.52 | 111.12 |
| CH-172 | 526889 | SUMINISTRO E INSTALACION DE CODO PVC P UPSE 9 | U | 4.00 | 8.77 | 35.08 |
| CH-173 | 526890 | SUMINISTRO E INSTALACION DE CODO PVC P UPSE 9 | U | 5.00 | 7.80 | 39.00 |
| CH-174 | 526891 | CODO PVC E/C X90° D=32MM, PT=1.00 MPA | U | 7.00 | 2.14 | 14.98 |
| CH-073 | 527118 | SUMINISTRO E INSTALACION DE TEE PVP P UPSE 110 | U | 11.00 | 54.60 | 600.60 |
| CH-175 | 526892 | SUMINISTRO E INSTALACION DE TEE PVP P UPSE 90 | U | 16.00 | 35.59 | 569.44 |
| CH-176 | 526893 | SUMINISTRO E INSTALACION DE TEE PVP P UPSE 63 | U | 16.00 | 6.34 | 101.44 |
| CH-177 | 526894 | SUMINISTRO E INSTALACION DE TEE PVC P UPSE 50m | U | 5.00 | 7.99 | 39.95 |
| CH-178 | 526895 | TEE PVC E/C D=32MM PT=1.00 MPA | U | 5.00 | 3.22 | 16.10 |
| CH-179 | 526897 | SUMINISTRO E INSTALACION REDUCTOR PVCP UPSE | U | 5.00 | 17.55 | 87.75 |
| CH-180 | 526911 | SUMINISTRO E INSTALACION REDUCTOR PVCP UPSE | U | 5.00 | 6.53 | 32.65 |
| CH-181 | 526898 | SUMINISTRO E INSTALACION REDUCTOR PVCP UPSE | U | 5.00 | 6.34 | 31.70 |
| CH-182 | 526899 | SUMINISTRO E INSTALACION REDUCTOR PVCP UPSE | U | 5.00 | 3.90 | 19.50 |
| CH-183 | 526900 | SUMINISTRO E INSTALACION REDUCTOR PVCP UPSE | U | 5.00 | 2.34 | 11.70 |
| CH-184 | 526901 | SUMINISTRO E INSTALACION REDUCTOR PVCP UPSE | U | 5.00 | 1.51 | 7.55 |
| CH-185 | 526902 | TAPON PVC P E/C 32 MM PT=1.00 MPA | U | 18.00 | 2.43 | 43.74 |
| CH-026 | 527070 | HORMIGON SIMPLE f'c=180 Kg/cm2 | M3 | 4.00 | 156.00 | 624.00 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 28.00 | 13.00 | 364.00 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 1.40 | 185.25 | 259.35 |
| CH-056 | 527035 | VÁLVULA DE COMPUERTA HF SB LL SRM Ø=200mm | U | 1.00 | 650.01 | 650.01 |
| CH-031 | 527045 | VALVULA DE COMPUERTA HF LL 160mm | U | 2.00 | 565.50 | 1,131.00 |
| CH-186 | 526903 | VALVULA DE COMPUERTA HF LL 110MM | U | 5.00 | 351.00 | 1,755.00 |
| CH-187 | 526904 | VÁLVULA DE COMPUERTA HF SB LL SRM Ø=90mm | U | 5.00 | 107.25 | 536.25 |
| CH-188 | 526905 | VÁLVULA DE COMPUERTA HF LL DN Ø=90mm | U | 1.00 | 107.25 | 107.25 |
| CH-189 | 526906 | VALVULA COMPUERTA Y VOLANTE DE BRONCE 2" | U | 5.00 | 54.60 | 273.00 |
| CH-190 | 526907 | VALVULA COMPUERTA Y VOLANTE BRONCE 1" | U | 9.00 | 39.00 | 351.00 |
| CH-191 | 526908 | CAJA DE VÁLVULA HF 160mm TRAFICO PESADO + TUB | U | 28.00 | 78.31 | 2,192.68 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 12.00 | 13.00 | 156.00 |
| CH-192 | 526909 | VALVULA REDUCTORA DE PRESIÓN HF LL Ø=110mm | U | 1.00 | 711.75 | 711.75 |
| CH-193 | 526910 | VALVULA REDUCTORA DE PRESIÓN HF LL Ø=90mm | U | 4.00 | 609.37 | 2,437.48 |
| CH-194 | 529828 | VALVULA REDUCTORA DE PRESIÓN HF BB Ø= 63mm | U | 1.00 | 628.88 | 628.88 |
| CH-195 | 526945 | VALVULA REGULADORA DE PRESION 2" + ACCESORIO | U | 2.00 | 340.00 | 680.00 |
| CH-196 | 526946 | VALVULA REDUCTORA DE PRESIÓN 1" | U | 4.00 | 250.01 | 1,000.04 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 0.60 | 185.25 | 111.15 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 12.00 | 13.00 | 156.00 |
| CH-106 | 527085 | EXCAVACION DE ZANJAS A MAQUINA | M3 | 72.00 | 2.20 | 158.40 |
| CH-197 | 526947 | HIDRANTE HF TIPO SIAMESA Ø=110mm | U | 7.00 | 737.10 | 5,159.70 |
| CH-198 | 526981 | HIDRANTE HF TIPO SIAMESA Ø=90mm | U | 5.00 | 682.50 | 3,412.50 |
| CH-073 | 527118 | SUMINISTRO E INSTALACION DE TEE PVP P UPSE 110 | U | 7.00 | 54.60 | 382.20 |
| CH-175 | 526892 | SUMINISTRO E INSTALACION DE TEE PVP P UPSE 90 | U | 5.00 | 35.59 | 177.95 |
| CH-170 | 526887 | SUMINISTRO E INSTALACION DE CODO 90º PVC P UP | U | 7.00 | 22.43 | 157.01 |
| CH-171 | 526888 | SUMINISTRO E INSTALACION DE CODO 90º PVC P UP | U | 5.00 | 18.52 | 92.60 |
| CH-186 | 526903 | VALVULA DE COMPUERTA HF LL 110MM | U | 7.00 | 351.00 | 2,457.00 |
| CH-187 | 526904 | VÁLVULA DE COMPUERTA HF SB LL SRM Ø=90mm | U | 5.00 | 107.25 | 536.25 |
| CH-191 | 526908 | CAJA DE VÁLVULA HF 160mm TRAFICO PESADO + TUB | U | 12.00 | 78.31 | 939.72 |
| CH-064 | 527076 | TUBERÍA PVC UPSE 110MM X 6M 1,00MPA(145PSI) | M | 70.00 | 11.21 | 784.70 |
| CH-158 | 526940 | TUBERÍA PVC UPSE 90MM 1,00MPA(145PSI) | M | 50.00 | 5.85 | 292.50 |
| CH-066 | 527078 | UNION GIBAULT HD 110MM | U | 14.00 | 39.00 | 546.00 |
| CH-199 | 526982 | UNION GIBAULT HD TIPO DRESSER 90MM | U | 10.00 | 30.22 | 302.20 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 0.60 | 185.25 | 111.15 |
| CH-106 | 527085 | EXCAVACION DE ZANJAS A MAQUINA | M3 | 1,411.20 | 2.20 | 3,104.64 |
| CH-082 | 527127 | RELLENO COMPACTADO CON MATERIAL DE MEJORAM | M3 | 1,411.20 | 16.38 | 23,115.46 |
| CH-100 | 527079 | TUBERIA PVC-P U/Rc 1/2" | M | 2,940.00 | 2.09 | 6,144.60 |
| CH-026 | 527070 | HORMIGON SIMPLE f'c=180 Kg/cm2 | M3 | 11.76 | 156.00 | 1,834.56 |
| CH-200 | 526983 | CONEXION DOMICILIARIA 1/2" MEDIDOR DE 1/2" Y A | U | 490.00 | 112.12 | 54,938.80 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 80.00 | 0.97 | 77.60 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 72.38 | 0.78 | 56.46 |
| CH-074 | 527119 | EXCAVACIÓN A MÁQUINA CIELO ABIERTO PLATAFORM | M3 | 180.95 | 1.95 | 352.85 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 25.00 | 13.00 | 325.00 |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE f'c=180 kg/cm2 | M2 | 90.00 | 19.50 | 1,755.00 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 6,500.00 | 2.09 | 13,585.00 |
| CH-020 | 527064 | TAPA DE BOCA DE VISITA TOL 1/16" (0.60m x 0.60m) | U | 1.00 | 82.87 | 82.87 |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 458.37 | 12.18 | 5,582.95 |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 9.75 | 9.75 | 95.06 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 16.95 | 185.25 | 3,139.99 |
| CH-088 | 527133 | MAMPOSTERIA DE BLOQUE DE 10 | M2 | 13.77 | 17.55 | 241.66 |
| CH-147 | 526929 | DREN PVC NORMAL 110 mm | M | 63.51 | 12.19 | 774.19 |
| CH-148 | 526930 | ENCOFRADO CIRCULAR DE PAREDES | M2 | 176.80 | 33.15 | 5,860.92 |
| CH-149 | 526931 | ENCOFRADO ESPECIAL CUPULA | M2 | 72.70 | 26.32 | 1,913.46 |



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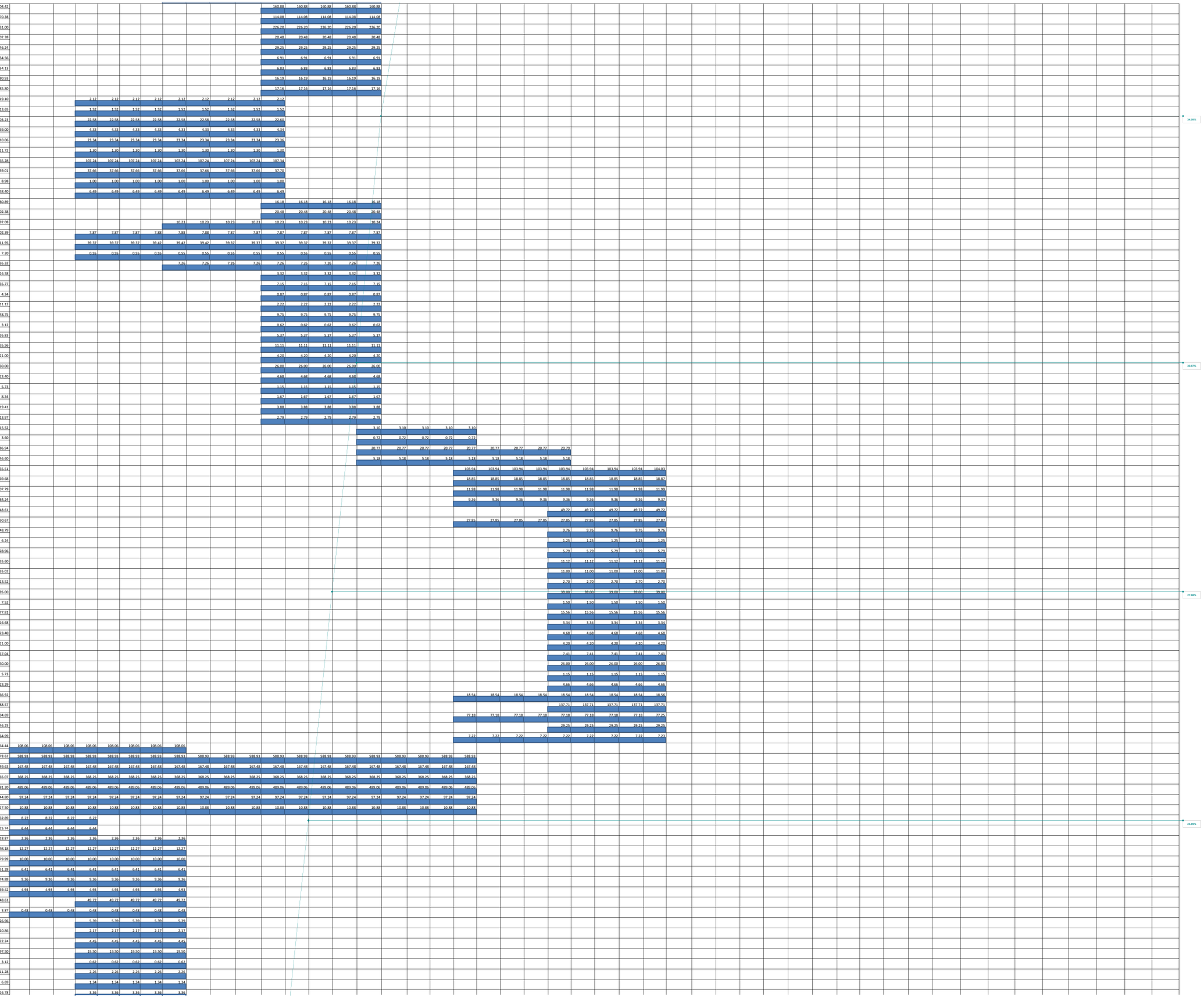
|---|---|---|---|---|---|---|
| CH-021 | 527065 | PINTURA CAUCHO LATEX | M2 | 229.18 | 3.51 | 804.42 |
| CH-030 | 527074 | TUBERÍA LA LL Ø=160mm, e=4m, sin costura | M | 6.50 | 87.75 | 570.38 |
| CH-031 | 527045 | VALVULA DE COMPUERTA HF LL 160mm | U | 2.00 | 565.50 | 1,131.00 |
| CH-028 | 527072 | TEE LA LL 160mm x 160mm e=4 mm | U | 1.00 | 102.38 | 102.38 |
| CH-027 | 527071 | UNION GIBAULT HD TIPO DRESSER 160MM | U | 2.00 | 73.12 | 146.24 |
| CH-150 | 526932 | BOCA CAMPANA 160mm | U | 1.00 | 34.56 | 34.56 |
| CH-151 | 526933 | TUBERÍA LA LL Ø=110mm, e=4m, sin costura | M | 1.00 | 34.13 | 34.13 |
| CH-152 | 526934 | CODO 90° LA LL 110mm e=4mm | U | 1.00 | 80.93 | 80.93 |
| CH-054 | 527033 | UNION GIBAULT HD TIPO DRESSER 200MM | U | 1.00 | 85.80 | 85.80 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 19.69 | 0.97 | 19.10 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 17.50 | 0.78 | 13.65 |
| CH-003 | 527047 | EXCAVACION A MANO SIN CLASIFICAR EN PRESENCIA | M3 | 18.94 | 10.73 | 203.23 |
| CH-004 | 527048 | EXCAVACION EN ROCA CON EXPLOSIVOS CON PRESER | M3 | 1.00 | 39.00 | 39.00 |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 30.80 | 6.82 | 210.06 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 5.61 | 2.09 | 11.72 |
| CH-024 | 527068 | HORMIGON CICLOPEO (60% H.S. f'c=180 Kg/cm2) | M3 | 6.00 | 160.88 | 965.28 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 1.83 | 185.25 | 339.01 |
| CH-010 | 527054 | RELLENO COMPACTADO CON MATERIAL DEL SITIO | M3 | 1.84 | 4.88 | 8.98 |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 3.00 | 19.50 | 58.40 |
| CH-057 | 527036 | VERTEDERO DE TOL GALVANIZADO (1/16") (0.50x0.30 | U | 1.00 | 80.89 | 80.89 |
| CH-058 | 527037 | REJILLA METÁLICA (0.71X0.27)(ANGULO 1x1x1/8)(BAR | U | 1.00 | 102.38 | 102.38 |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 7.56 | 12.18 | 92.08 |
| CH-059 | 527038 | TRANSPORTE DE CEMENTO EN ACEMILA | Tn | 3.00 | 34.13 | 102.39 |
| CH-060 | 527039 | TRANSPORTE DE MATERIAL PETREO EN ACEMILA | M3*KM | 15.00 | 34.13 | 511.95 |
| CH-061 | 527040 | TRANSPORTE DE HIERRO EN ACEMILA | U | 80.00 | 0.09 | 7.20 |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 6.70 | 9.75 | 65.32 |
| CH-062 | 527041 | TUBERÍA PVC-S E/C DESAGÜE 110mm | M | 2.70 | 6.14 | 16.58 |
| CH-201 | 526984 | CERNIDERAS DE ALUMINIO ROSCADA 1 1/2" o 40 mm | U | 1.00 | 35.77 | 35.77 |
| CH-202 | 526985 | TUBERÍA PVC PR DE 1 1/4" | M | 1.20 | 3.62 | 4.34 |
| CH-203 | 526986 | UNIVERSAL PVC-PR 1 1/4" | U | 2.00 | 5.56 | 11.12 |
| CH-204 | 526987 | VÁLVULA DE COMPUERTA Y VOLANTE DE BRONCE 1 1 | U | 1.00 | 48.75 | 48.75 |
| CH-205 | 526988 | ADAPTADORES DE PVC-PR 40mm A 1 1/4" | U | 1.00 | 3.12 | 3.12 |
| CH-206 | 526989 | TUBERÍA HG 3" | M | 1.00 | 26.83 | 26.83 |
| CH-207 | 526990 | UNIVERSAL HG 3" | U | 3.00 | 18.52 | 55.56 |
| CH-208 | 526991 | NEPLO HG LL 3" L=12cm | U | 3.00 | 7.00 | 21.00 |
| CH-209 | 526992 | VALVULA COMPUERTA Y VOLANTE DE BRONCE 3" | U | 1.00 | 130.00 | 130.00 |
| CH-210 | 526993 | TEE HG 3" | U | 1.00 | 23.40 | 23.40 |
| CH-211 | 526994 | ADAPTADOR PVC-HG 90mm x 3" | U | 1.00 | 5.73 | 5.73 |
| CH-212 | 526995 | CODO HG 90º 3" | U | 1.00 | 8.34 | 8.34 |
| CH-213 | 526996 | TUBERIA PVC-P E/C 90 mm 0.63MPA | M | 3.00 | 6.47 | 19.41 |
| CH-214 | 526997 | CODO PVC E/C 90 mm x 45° | U | 1.00 | 13.97 | 13.97 |
| CH-001 | 526882 | LIMPIEZA MANUAL DEL TERRENO | M2 | 16.00 | 0.97 | 15.52 |
| CH-002 | 527046 | REPLANTEO MANUAL PARA ESTRUCTURAS | M2 | 4.62 | 0.78 | 3.60 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 14.38 | 13.00 | 186.94 |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 2.39 | 19.50 | 46.60 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 5.05 | 185.25 | 935.51 |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 24.88 | 6.82 | 169.68 |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 8.85 | 12.18 | 107.79 |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 8.64 | 9.75 | 84.24 |
| CH-020 | 527064 | TAPA DE BOCA DE VISITA TOL 1/16" (0.60m x 0.60m) | U | 3.00 | 82.87 | 248.61 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 119.94 | 2.09 | 250.67 |
| CH-021 | 527065 | PINTURA CAUCHO LATEX | M2 | 13.90 | 3.51 | 48.79 |
| CH-205 | 526988 | ADAPTADORES DE PVC-PR 40mm A 1 1/4" | U | 2.00 | 3.12 | 6.24 |
| CH-202 | 526985 | TUBERÍA PVC PR DE 1 1/4" | M | 8.00 | 3.62 | 28.96 |
| CH-203 | 526986 | UNIVERSAL PVC-PR 1 1/4" | U | 10.00 | 5.56 | 55.60 |
| CH-215 | 526998 | NEPLO PVC-PR 1 1/4" | U | 14.00 | 3.93 | 55.02 |
| CH-216 | 526999 | TEE PVC PR DE 1 1/4" | U | 2.00 | 6.76 | 13.52 |
| CH-204 | 526987 | VÁLVULA DE COMPUERTA Y VOLANTE DE BRONCE 1 1 | U | 4.00 | 48.75 | 195.00 |
| CH-217 | 527000 | CODO PVC PR DE 1 1/4" x 90° | U | 2.00 | 3.76 | 7.52 |
| CH-206 | 526989 | TUBERÍA HG 3" | M | 2.90 | 26.83 | 77.81 |
| CH-212 | 526995 | CODO HG 90º 3" | U | 2.00 | 8.34 | 16.68 |
| CH-210 | 526993 | TEE HG 3" | U | 1.00 | 23.40 | 23.40 |
| CH-208 | 526991 | NEPLO HG LL 3" L=12cm | U | 3.00 | 7.00 | 21.00 |
| CH-207 | 526990 | UNIVERSAL HG 3" | U | 2.00 | 18.52 | 37.04 |
| CH-209 | 526992 | VALVULA COMPUERTA Y VOLANTE DE BRONCE 3" | U | 1.00 | 130.00 | 130.00 |
| CH-211 | 526994 | ADAPTADOR PVC-HG 90mm x 3" | U | 1.00 | 5.73 | 5.73 |
| CH-213 | 526996 | TUBERIA PVC-P E/C 90 mm 0.63MPA | M | 3.60 | 6.47 | 23.29 |
| CH-026 | 527070 | HORMIGON SIMPLE f'c=180 Kg/cm2 | M3 | 1.07 | 156.00 | 166.92 |
| CH-024 | 527068 | HORMIGON CICLOPEO (60% H.S. f'c=180 Kg/cm2) | M3 | 4.28 | 160.88 | 688.57 |
| CH-022 | 527066 | CERRAMIENTO DE MALLA + TUBO HG DE 2" | M | 23.75 | 29.25 | 694.69 |
| CH-023 | 527067 | PUERTA PEATONAL DE MALLA Y TUBO HG 2" | M2 | 1.00 | 146.25 | 146.25 |
| CH-047 | 527026 | HORMIGÓN SIMPLE EN COLUMNAS f'c=210 Kg/cm2 (I | M3 | 0.31 | 209.63 | 64.99 |
| CH-032 | 527044 | REPLANTEO Y NIVELACION DEL EJE CON EQUIPO TOP | Km | 2.86 | 302.25 | 864.44 |
| CH-033 | 527043 | EXCAVACION MANUAL ZANJAS | M3 | 1,372.80 | 8.58 | 11,778.62 |
| CH-071 | 527116 | RELLENO COMPACTADO MANUAL | M3 | 686.40 | 4.88 | 3,349.63 |
| CH-034 | 527027 | RELLENO COMPACTADO DE ZANJAS | M3 | 686.40 | 10.73 | 7,365.07 |
| CH-218 | 527001 | TUBERIA P.V.C.-P E/C 40mm 1.00 Mpa | M | 2,860.00 | 3.42 | 9,781.20 |
| CH-035 | 527014 | RASANTEO DE ZANJA | M | 2,860.00 | 0.68 | 1,944.80 |
| CH-036 | 527015 | SUMINISTRO Y COLOCACIÓN DE COLCHÓN DE ARENA | M3 | 14.30 | 15.21 | 217.50 |
| CH-005 | 527049 | EXCAVACION A MANO EN SUELO SIN CLASIFICAR | M3 | 2.53 | 13.00 | 32.89 |
| CH-011 | 527055 | REPLANTILLO DE HORMIGÓN SIMPLE F'c=180 kg/cm2 | M2 | 1.32 | 19.50 | 25.74 |
| CH-219 | 527002 | MAMPOSTERIA DE PIEDRA MORT 1:4 | M3 | 0.20 | 94.36 | 18.87 |
| CH-009 | 527053 | HORMIGON SIMPLE f'c=210 Kg/cm2 | M3 | 0.53 | 185.25 | 98.18 |
| CH-220 | 527003 | MAMPOSTERIA DE LADRILLO | M2 | 3.84 | 20.83 | 79.99 |
| CH-013 | 527057 | ENLUCIDO + IMPERMEABILIZANTE | M2 | 4.21 | 12.18 | 51.28 |
| CH-019 | 527063 | ENLUCIDO PALETEADO FINO 1:3 | M2 | 7.68 | 9.75 | 74.88 |
| CH-006 | 527050 | ENCOFRADO / DESENCOFRADO | M2 | 5.78 | 6.82 | 39.42 |
| CH-020 | 527064 | TAPA DE BOCA DE VISITA TOL 1/16" (0.60m x 0.60m) | U | 3.00 | 82.87 | 248.61 |
| CH-007 | 527051 | ACERO DE REFUERZO fy=4200 Kg/cm² | Kg | 1.85 | 2.09 | 3.87 |
| CH-021 | 527065 | PINTURA CAUCHO LATEX | M2 | 7.68 | 3.51 | 26.96 |
| CH-202 | 526985 | TUBERÍA PVC PR DE 1 1/4" | M | 3.00 | 3.62 | 10.86 |
| CH-203 | 526986 | UNIVERSAL PVC-PR 1 1/4" | U | 4.00 | 5.56 | 22.24 |
| CH-204 | 526987 | VÁLVULA DE COMPUERTA Y VOLANTE DE BRONCE 1 1 | U | 2.00 | 48.75 | 97.50 |
| CH-205 | 526988 | ADAPTADORES DE PVC-PR 40mm A 1 1/4" | U | 1.00 | 3.12 | 3.12 |
| CH-217 | 527000 | CODO PVC PR DE 1 1/4" x 90° | U | 3.00 | 3.76 | 11.28 |
| CH-221 | 527004 | TUBERÍA PVC UPSE 63MM 0.63MPA | M | 3.00 | 2.23 | 6.69 |
| CH-222 | 527005 | TUBERIA PVC-P U/Rc 2" | M | 2.00 | 8.39 | 16.78 |



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