

Obra : REHABILITACION, EQUIPAMIENTO CAMPO DE POZOS E INSTALACIONES DEPOSITO REGULADOR Y CONSTRUCCION ESTAFETA COMERCIAL ACUEDUCTO QUISQUEYA.

Ubicaci3n: PROVINCIA SAN PEDRO DE MACORIS

Zona: VI



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|----------|---|----------|------|--------------|--------------|
| A | REHABILITACION CASETA DE BOMBEO Y SUSTITUCCION EQUIPO POZO No.1 | | | | |
| 1 | EQUIPAMIENTO | | | | |
| 1.1 | SUMINISTRO DE ELECTROBOMBA TURBINA DE EJE VERTICAL CON CAPACIDAD DE 700 GPM Y MOTOR DE 60 HP A 460 VOL, 60HZ. | 1.00 | U | 1,144,600.00 | 1,144,600.00 |
| 1.2 | SUMINISTRO Y COLOCACION REDUCCION COPA Ø 6" X 4" ACERO SCH-40 PLATILLADA AMBOS EXTREMOS, INC. TORNILLO Y J.G. | 1.00 | U | 4,528.33 | 4,528.33 |
| 1.3 | NIPLE DE Ø 6" X 12" ACERO SCH-40 C/PROTECCION ANTICORROSIVA, PLATILLADO EN UN EXTREMO | 3.00 | U | 2,836.67 | 8,510.01 |
| 1.4 | CHECK HORIZONTAL LIMITADOR DE CAUDAL INTEGRADO DE Ø6" PLATILLADO 150 PSI | 1.00 | U | 148,065.56 | 148,065.56 |
| 1.5 | VALVULA DE COMPUERTA DE Ø6" DE 150 PSI PLATILLADA COMPLETA | 1.00 | U | 24,423.89 | 24,423.89 |
| 1.6 | VALVULA DE AIRE Ø1" COMPLETA DE H.F., 150 PSI | 2.00 | U | 8,872.34 | 17,744.68 |
| 1.7 | MANOMETRIA COMPLETA INC. MANOMETRO SUMERGIDO EN GLISERINA | 1.00 | U | 1,764.34 | 1,764.34 |
| 1.8 | NIPLE DE Ø 4" X 12" SCH-80 C/PROTECCION ANTICORROSIVA, PLATILLADO EN UN EXTREMO | 1.00 | U | 2,011.53 | 2,011.53 |
| 1.9 | JUNTA MECANICA TIPO DRESSER DE Ø 6" 150 PSI | 2.00 | U | 1,840.17 | 3,680.34 |
| 1.10 | ANCLAJE H.A. PARA PIEZAS (SEGUN DETALLE) | 1.00 | U | 5,000.00 | 5,000.00 |
| 1.11 | DESMANTELAMIENTO DE DESCARGA | 1.00 | U | 3,500.00 | 3,500.00 |
| 1.12 | MANO DE OBRA DESINTALACION Y REINSTALACION DE EQUIPO DE BOMBEO | 1.00 | U | 75,000.00 | 75,000.00 |
| 2 | ELECTRIFICACION | | | | |
| 2.1 | SUMINISTRO DE ARRANCADOR TIPO AUTOTRANSFORMADOR, NEMA 3 TRIFASICO A 460 VOL, 60HZ. 60HP | 1.00 | U | 165,200.00 | 165,200.00 |
| 2.2 | BREAKER ENCLOSE DE 125 AMPS 460 V TRIFASICO | 1.00 | U | 24,603.00 | 24,603.00 |
| 2.3 | SALIDA CENITAL EMT INC. LAMPARA | 2.00 | U | 1,567.00 | 3,134.00 |
| 2.4 | SALIDA INTERRUPTOR SENCILLO EMT | 1.00 | U | 1,043.28 | 1,043.28 |
| 2.5 | SALIDA T.C SENSILLO EMT | 2.00 | U | 1,184.78 | 2,369.56 |
| 2.6 | PANEL DE BREAKER 4/8C CON BREAKER 15A, 20A | 1.00 | U | 1,800.00 | 1,800.00 |
| 2.7 | CONDUCTOR ELECTRICO ST NO.10 PARA ALIMENTACION PANEL DE BREAKER | 15.00 | PIES | 8.25 | 123.75 |
| 2.8 | TARUGOS Y TORNILLOS | 8.00 | U | 1.85 | 14.80 |
| 2.9 | TUBERIA LT 3" | 15.00 | PIES | 340.00 | 5,100.00 |
| 2.10 | CONECTOR LT RECTO 3" | 6.00 | U | 589.00 | 3,534.00 |
| 2.11 | TORNILLO HILTI 3/8 X 3" | 12.00 | U | 15.25 | 183.00 |
| 2.12 | ABRAZADERAS EMT 3" | 8.00 | U | 40.00 | 320.00 |
| 2.13 | TAPE 3 M DE GOMA | 1.00 | U | 689.25 | 689.25 |
| 2.14 | CONDUCTOR THHN 2 ST DESDE PANEL ARRANCADOR A MOTOR (DOS POR FASE) | 120.00 | PIES | 55.00 | 6,600.00 |
| 2.15 | TAPE 3 M | 1.00 | U | 258.36 | 258.36 |
| 2.16 | SUMINISTRO TRANSFORMADOR SECO 5 KVA, 480/120-240 VOLTIOS | 1.00 | U | 20,165.02 | 20,165.02 |
| 2.17 | CONDUCTOR ELECTRICO ST NO.10 PARA ALIMENTACION DE TRANSF. SECO. | 25.00 | PIES | 8.25 | 206.25 |
| 2.18 | LAMAPARA TIPO COBRA 250W | 3.00 | U | 3,200.00 | 9,600.00 |
| 2.19 | ALAMBRE 10/3 VINIL. | 130.00 | PIES | 50.25 | 6,532.50 |
| 2.20 | MANO DE OBRA | 0.30 | % | 244,929.93 | 73,478.98 |

| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|---|----------|------|-------------|--------------|
| 3 | LIMPIEZAS Y MANTENIMIENTO | | | | |
| 3.1 | PINTURA ACRILICA INTERIOR Y EXTERIOR CASETA DE BOMBEO | 130.00 | M2 | 99.21 | 12,897.30 |
| 3.2 | LIMPIEZA, MANTENIMIENTO Y PINTURA EN TECHO DESLIZABLE | 1.00 | UD | 2,000.00 | 2,000.00 |
| 3.3 | LIMPIEZA, DESYERBO AREA CIRCUNDANTE A LA CASETA, (INC. BOTE DE ESCOMBRO C/CAMION D=5 KM) | 192.00 | M2 | 15.06 | 2,891.52 |
| 3.4 | MURO DE BLOCK DE 6" PARA CERRAR HUECO DE PUERTA DE (4.50 MTS. DE ANCHO Y 3.00 MTS. DE ALTURA), INC. ZAPATA DE MURO | 4.50 | ML | 2,682.04 | 12,069.18 |
| 3.5 | DEMOLICION DE MURO DE BLOCK DE 6" PARA CONSTRUIR PUERTA DE 4.50 MTS. DE ANCHO | 2.25 | M3 | 620.86 | 1,396.94 |
| 3.6 | COLUMNAS C2 0.25 X 0.25 - 4.79QQ/M3 (PARA PUERTA) HORMIGON 210 KG/CM2 (SEGUN DETALLE) | 2.00 | UD | 6,112.30 | 12,224.60 |
| 3.7 | COLOCACION DE PUERTA MALLA CICLONICA 4.00 MTS. | 1.00 | UD | 1,200.00 | 1,200.00 |
| 3.8 | PINTURA PUERTA MALLA CICLONICA, INC. MANO DE OBRA Y MATERIALES | 1.00 | UD | 1,000.00 | 1,000.00 |
| 3.9 | PUERTA FRONTAL FORRADA EN ALUZINC LISO EN CASETA DE BOMBEO DE 6 ML | 1.00 | UD | 64,409.12 | 64,409.12 |
| 3.10 | PUERTA POSTERIOR Y LATERAL DE (2.10 X 0.90 EN TOLA DE 1/8 X 4 X 8 EN CASETA DE BOMBEO) | 2.00 | UD | 63,112.30 | 126,224.60 |
| 3.11 | DEMOLICION DE BASE EXISTENTE DE MOTOR DIESEL, INC. BOTE DE ESCOMBRO IN SITU (1.20 X 0.80 X 0.60) | 1.00 | UD | 1,179.64 | 1,179.64 |
| 4 | TRABAJO PARA SUBIR EL NIVEL DE EQUIPO DE BOMBEO | | | | |
| 4.1 | TUBO DE ACERO Ø 12" SCH-30, C/PROTECCION ANTICORROSIVA, SIN COSTURA | 3.00 | ML | 7,527.59 | 22,582.77 |
| 4.2 | BASE DE HORMIGON PARA BOMBA (SEGÚN DETALLE) | 1.00 | UD | 6,500.00 | 6,500.00 |
| 5 | CASETA PARA GENERADOR DE 50 KW - 100 KW EN CASETA DE BOMBEO POZO No.1 | | | | |
| 5.1 | REPLANTEO | 1.00 | U | 500.00 | 500.00 |
| 5.2 | MOV. DE TIERRA | 1.00 | U | 1,746.14 | 1,746.14 |
| 5.3 | HORMIGON ARMADO EN : F'C=210 KG/CM2 | | | | |
| 5.3.1 | ZAPATA DE MURO 0.87 QQ/M3 | 3.95 | M3 | 7,244.68 | 28,616.49 |
| 5.3.2 | COLUMNA 0.20 X 0.20 4.58 QQ/M3 | 0.48 | M3 | 21,158.38 | 10,156.02 |
| 5.3.3 | VIGA DINTEL CORRIDO V1 0.20 X 0.20 4.44 QQ/M3 | 1.02 | M3 | 22,562.58 | 23,013.83 |
| 5.3.4 | DINTEL 0.20 X 0.20 2.59 QQ/M3 | 0.58 | M3 | 15,993.08 | 9,275.99 |
| 5.3.5 | LOSA DE TECHO E=0.12 M 1.24 QQ/M3 | 4.85 | M3 | 10,241.08 | 49,669.24 |
| 5.3.6 | BASE H.A. P/PLANTA 3.2 X 1.85 X 0.50 0.63 QQ/M3 | 2.96 | M3 | 7,651.88 | 22,649.56 |
| 5.4 | MURO DE BLOQUES: | | | | |
| 5.4.1 | DE 6" BNP | 25.09 | M2 | 836.42 | 20,985.78 |
| 5.4.2 | DE 6" SNP | 64.05 | M2 | 857.78 | 54,940.81 |
| 5.4.3 | CALADOS | 4.82 | M2 | 1,043.89 | 5,031.55 |
| 5.5 | TERMINACION DE SUPERFICIE | | | | |
| 5.5.1 | PAÑETE INTERIOR (INC. TECHO) | 59.22 | M2 | 275.54 | 16,317.48 |
| 5.5.2 | PAÑETE EXTERIOR | 55.70 | M2 | 265.27 | 14,775.54 |
| 5.5.3 | FINO LOSA DE TECHO | 29.92 | M2 | 433.09 | 12,958.05 |
| 5.5.4 | CANTOS Y MOCHETAS | 77.23 | M | 68.67 | 5,303.38 |
| 5.5.5 | PINTURA (INC. TECHO) | 114.92 | M2 | 99.21 | 11,401.21 |
| 5.5.6 | PISO H.S. PULIDO | 19.12 | M2 | 605.09 | 11,569.32 |
| 5.5.7 | ZABALETA | 21.28 | M | 141.33 | 3,007.50 |
| 5.5.8 | ARENA BAJO BASE DE H.A. P/ REDUCIR VIBRACION | 0.66 | M3 | 923.73 | 609.66 |
| 5.5.9 | ANTEPECHO | 21.28 | M | 381.80 | 8,124.70 |
| 5.6 | ACERA EXT. DE 0.80 DE ANCHO | 14.98 | M2 | 672.95 | 10,080.79 |

C-10-18



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|--|----------|------|-------------|---------------------|
| 5.7 | PORTAJE | | | | |
| 5.7.1 | PUERTA METALICA ENROLLABLE (INC. INSTALACION) | 6.30 | M2 | 3,583.13 | 22,573.72 |
| 5.8 | INSTALACIONES ELECTRICAS | | | | |
| 5.8.1 | ENTRADA GENERAL | 1.00 | U | 2,500.00 | 2,500.00 |
| 5.8.2 | SALIDAS CENITALES | 3.00 | U | 1,010.35 | 3,031.05 |
| 5.8.3 | INTERRUPTORES SENCILLOS | 3.00 | U | 1,024.17 | 3,072.51 |
| 5.8.4 | TOMACORRIENTES SENCILLOS | 2.00 | U | 1,050.34 | 2,100.68 |
| 5.9 | LOGO Y LETRERO DE INAPA | 1.00 | U | 4,000.00 | 4,000.00 |
| 6 | ESTRUCTURA H.A. DE SOPORTE P/DEPOSITO DE COMBUSTIBLE: | | | | |
| 6.1 | MOVIMIENTO DE TIERRA | | | | |
| 6.1.1 | EXCAVACION A MANO | 7.20 | M3 | 278.65 | 2,006.28 |
| 6.1.2 | RELLENO COMPACTADO A MANO | 2.36 | M3 | 72.67 | 171.50 |
| 6.1.3 | BOTE DE MATERIAL IN SITU | 5.81 | M3 | 70.78 | 411.23 |
| 6.2 | HORMIGON ARMADO EN:(F'C=210KGS/CM2) | | | | |
| 6.2.1 | ZAPATA 0.20M 0.87 QQ/M3 | 1.08 | M3 | 7,244.68 | 7,824.25 |
| 6.2.2 | COLUMNA (0.60 x 0.20) 2.79 QQ/M3 | 1.10 | M3 | 14,153.75 | 15,569.13 |
| 6.3 | TERMINACION DE SUPERFICIE | | | | |
| 6.3.1 | PAÑETE EXTERIOR | 18.85 | M2 | 265.27 | 5,000.34 |
| 6.3.2 | PINTURA MANTENIMIENTO | 16.65 | M2 | 160.70 | 2,675.66 |
| 6.3.3 | CANTOS | 33.68 | M | 68.67 | 2,312.81 |
| 6.4 | LIMPIEZA FINAL | 1.00 | U | 500.00 | 500.00 |
| 7 | CASA DE OPERADOR | | | | |
| 7.1 | PINTURA GENERAL CASA DE OPERADOR (ACRILICA) | 365.00 | M2 | 99.21 | 36,211.65 |
| 7.2 | SALIDAS CENITAL EN EMT INC. LAMPARA. | 7.00 | U | 1,567.00 | 10,969.00 |
| 7.3 | SALIDAS INTERRUPTOR TRIPLE EN EMT | 1.00 | U | 1,043.28 | 1,043.28 |
| 7.4 | SALIDAS INTERRUPTOR SENCILLO EMT | 4.00 | U | 1,043.28 | 4,173.12 |
| 7.5 | SALIDAS T.C SENCILLOS EMT | 6.00 | U | 1,184.78 | 7,108.68 |
| 7.6 | PANEL DE BREAKER 4/8C CON BREAKER 15A, 20A | 1.00 | U | 1,800.00 | 1,800.00 |
| 7.7 | ALAMBRE 10/3 VINIL PARA CONEXION ELECTRICA DESDE CASETA DE BOMBEO A PANEL DE BREAKER CASETA DE OPERADOR (AEREO). | 40.00 | PIES | 51.26 | 2,050.40 |
| | SUB-TOTAL FASE A | | | | 2,488,198.43 |

fine



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|----------|---|----------|------|--------------|--------------|
| B | REABILITACION CASETA DE BOMBEO E INSTALACION DE EQUIPO POZO No.2 | | | | |
| 1 | LIMPIEZAS Y MANTENIMIENTO | | | | |
| 1.1 | PINTURA ACRILICA INTERIOR Y EXTERIOR CASETA DE BOMBEO | 130.00 | M2 | 99.21 | 12,897.30 |
| 1.2 | LIMPIEZA, DESYERBO AREA CIRCUNDANTE A LA CASETA, (INC. BOTE DE ESCOMBRO C/CAMION D=5 KM) | 192.00 | M2 | 15.06 | 2,891.52 |
| 1.3 | MURO DE BLOCK DE 6" PARA CERRAR HUECO EXISTENTE DE (4.50 MTS. DE ANCHO Y 3.00 MTS. DE ALTURA), INC. ZAPATA DE MURO | 4.50 | ML | 2,682.04 | 12,069.18 |
| 1.4 | COLUMNAS C2 0.25X0.25 - 4.79QQ/M3, HORMIGON 210 KG/CM2 (PARA PUERTA) (SEGUN DETALLE) | 1.00 | UD | 6,112.30 | 6,112.30 |
| 1.5 | SUMINISTRO Y COLOCACION DE PUERTA MALLA CICLONICA 4.00 MTS. | 1.00 | UD | 24,449.42 | 24,449.42 |
| 1.6 | PUERTA FRONTAL FORRADA EN ALUZINC LISO EN CASETA DE BOMBEO DE 6 ML | 1.00 | UD | 64,409.12 | 64,409.12 |
| 1.7 | PUERTA POSTERIOR Y LATERAL DE (2.10 X 0.90 EN TOLA DE 1/8 X 4 X 8 EN CASETA DE BOMBEO) | 2.00 | UD | 63,112.30 | 126,224.60 |
| 1.8 | VENTANA DE BLOCK CALADO EN CASETA DE DE BOMBEO | 3.80 | M2 | 1,043.89 | 3,966.78 |
| 1.9 | DEMOLICION DE BASE EXISTENTE DE MOTOR DIESEL, INC. BOTE DE ESCOMBRO IN SITU (1.20 X 0.80 X 0.60) | 1.00 | UD | 1,179.64 | 1,179.64 |
| 1.10 | CONSTRUCCION DE TECHO DESLIZABLE PARA CASETA DE BOMBEO (SEGUN DETALLE) | 1.00 | UD | 60,851.16 | 60,851.16 |
| 2 | TRABAJO PARA SUBIR EL NIVEL DE EQUIPO DE BOMBEO Y CONEXI3N E INSTALACION DE EQUIPO DE BOMBEO | | | | |
| 2.1 | TUBO DE ACERO Ø 12" SCH-30, C/PROTECCION ANTICORROSIVA, SIN COSTURA | 6.00 | ML | 7,527.59 | 45,165.54 |
| 2.2 | BASE DE HORMIGON PARA BOMBA | 1.00 | UD | 6,500.00 | 6,500.00 |
| 3 | INSTALACION EQUIPOS DE BOMBEO POZO No.2 | | | | |
| 3.1 | SUMINISTRO DE ELECTROBOMBA TURBINA DE EJE VERTICAL CON CAPACIDAD DE 700 GPM Y MOTOR DE 60 HP A 460 VOL, 60HZ. | 1.00 | UD | 1,144,600.00 | 1,144,600.00 |
| 3.2 | SUMINISTRO Y COLOCACION REDUCCION COPA Ø 6" X 4" ACERO SCH-40 PLATILLADA AMBOS EXTREMOS, INC. TORNILLO Y J.G. | 1.00 | UD | 4,528.33 | 4,528.33 |
| 3.3 | NIPLE DE Ø 6" X 12" ACERO SCH-40 C/PROTECCION ANTICORROSIVA, PLATILLADO EN UN EXTREMO | 3.00 | U | 2,836.67 | 8,510.01 |
| 3.4 | CHECK HORIZONTAL LIMITADOR DE CAUDAL INTEGRADO DE Ø6" PLATILLADO 150 PSI | 1.00 | UD | 148,065.56 | 148,065.56 |
| 3.5 | VALVULA DE COMPUERTA DE Ø6" DE 150 PSI PLATILLADA COMPLETA | 1.00 | UD | 24,423.89 | 24,423.89 |
| 3.6 | VALVULA DE AIRE Ø 1" COMPLETA DE H.F., 150 PSI | 2.00 | UD | 8,872.34 | 17,744.68 |
| 3.7 | PANEL ARRANCADOR DE BOMBA, AUTO TRANSFORMADOR | 2.00 | UD | 156,884.00 | 313,768.00 |
| 3.8 | TUBERIA FLEXIBLE PARA CONDUCTORES | 60.00 | PIES | 150.00 | 9,000.00 |
| 3.9 | MANOMETRIA COMPLETA INC. MANOMETRO SUMERGIDO EN GLISERINA | 1.00 | UD | 1,764.34 | 1,764.34 |
| 3.10 | NIPLE DE Ø 4" X 12" SCH-80 C/PROTECCION ANTICORROSIVA, PLATILLADO EN UN EXTREMO | 1.00 | U | 2,011.53 | 2,011.53 |
| 3.11 | JUNTA MECANICA TIPO DRESSER DE Ø 6" 150 PSI | 2.00 | UD | 1,840.17 | 3,680.34 |
| 3.12 | ANCLAJE H.A. PARA PIEZAS (SEGUN DETALLE) | 1.00 | UD | 5,000.00 | 5,000.00 |
| 3.13 | MANO DE OBRA INSTALACION DE EQUIPO DE BOMBEO | 1.00 | UD | 75,000.00 | 75,000.00 |

D.M.F.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|---|----------|------|-------------|--------------|
| 4 | ELECTRIFICACION | | | | |
| 4.1 | SUMINISTRO DE ARRANCADOR TIPO AUTOTRANSFORMADOR, NEMA 3 TRIFASICO A 460 VOL, 60HZ. 60HP | 1.00 | U | 165,200.00 | 165,200.00 |
| 4.2 | BREAKER ENCLOSE DE 125 AMPS 460 V TRIFASICO | 1.00 | U | 24,603.00 | 24,603.00 |
| 4.3 | CONDUCTOR THHN ST NO. 1/0 DESDE BANCO TRANSF. A BREAKER 125 AMPS. | 200.00 | PIES | 95.00 | 19,000.00 |
| 4.4 | CONDUCTOR THHN ST NO. 2 DESDE BREAKER 125 AMPS A ARRANCADOR. | 45.00 | PIES | 56.00 | 2,520.00 |
| 4.5 | CONDUCTOR THHN 1/0 DESDE PANEL ARRANCADOR A MOTOR. | 60.00 | PIES | 95.00 | 5,700.00 |
| 4.6 | TUBO EMT 3" X 10 | 1.00 | U | 1,200.00 | 1,200.00 |
| 4.7 | CURVA EMT 3" | 1.00 | U | 750.00 | 750.00 |
| 4.8 | CONECTOR EMT 3" | 2.00 | U | 220.00 | 440.00 |
| 4.9 | CONDULET EMT Ø 3" | 1.00 | U | 1,322.00 | 1,322.00 |
| 4.10 | BARRA SOPORTE 1 1/2 X 8" | 1.00 | U | 485.00 | 485.00 |
| 4.11 | ABRAZADERA UNITRUSH 3" | 3.00 | U | 40.22 | 120.66 |
| 4.12 | TORNILLO HILTI 3/8 X 3" | 30.00 | U | 14.16 | 424.80 |
| 4.13 | TUBERIA LT 3" | 20.00 | PIES | 325.00 | 6,500.00 |
| 4.14 | CONECTOR LT RECTO 3" | 2.00 | U | 627.00 | 1,254.00 |
| 4.15 | SUMINISTRO E INSTALACION DE TRANSFORMADOR SECO 5 KVA. | 1.00 | U | 18,500.00 | 18,500.00 |
| 4.16 | TRANSFORMADOR 37.5 KVA, 7,200/240-480 V | 3.00 | U | 55,450.00 | 166,350.00 |
| 4.17 | CUT-OUT 200AMPS | 3.00 | U | 6,300.00 | 18,900.00 |
| 4.18 | PARARRAYO 9 KV | 3.00 | U | 1,400.00 | 4,200.00 |
| 4.19 | ESTRUCTURA TR-306 (NO INCLUYE TRANSF.) | 1.00 | U | 12,300.00 | 12,300.00 |
| 4.20 | SALIDA CENITAL EMT INC. LAMPARA | 2.00 | U | 1,567.00 | 3,134.00 |
| 4.21 | SALIDA INTERRUPTOR SENCILLO EMT | 1.00 | U | 1,043.28 | 1,043.28 |
| 4.22 | SALIDA T.C SENCILLO EMT | 2.00 | U | 1,184.78 | 2,369.56 |
| 4.23 | PANEL DE BREAKER 4/8C CON BREAKER 20A, 30A | 1.00 | U | 2,050.35 | 2,050.35 |
| 4.24 | CONDUCTOR PARA ALIMENTACION PANEL DE BREAKER NO.10 ST | 20.00 | PIES | 8.25 | 165.00 |
| 4.25 | TUBO EMT 1/2' PARA CONDUCTOR PANEL BREAKER | 1.00 | U | 120.00 | 120.00 |
| 4.26 | ABRAZADERAS 1/2' EMT | 3.00 | U | 2.50 | 7.50 |
| 4.27 | CONECTOR EMT 1/2 | 2.00 | U | 8.75 | 17.50 |
| 4.28 | TARUGOS Y TORNILLOS 1/4' | 6.00 | U | 1.95 | 11.70 |
| 4.29 | LAMPARA TIPO COBRA 250W A COLOCAR EN POSTE EXISTENTES. | 2.00 | U | 3,200.00 | 6,400.00 |
| 4.30 | ALAMBRE 10/3 VINIL. | 110.00 | PIES | 51.26 | 5,638.60 |
| 4.31 | ZANJA PARA SOSTERRAR ALAMBRE 10/3 VINIL. | 1.00 | U | 1,200.00 | 1,200.00 |
| 4.32 | ESTRUCTURA MT 307 | 2.00 | U | 12,550.24 | 25,100.48 |
| 4.33 | MANO DE OBRA | 0.30 | % | 451,880.11 | 135,564.03 |
| 5 | GARITA PARA VIGILANCIA | | | | |
| 5.1 | REPLANTEO | 1.00 | U | 500.00 | 500.00 |
| 5.2 | MOVIMIENTO DE TIERRA | 1.00 | U | 1,156.32 | 1,156.32 |
| 5.3 | HORMIGON ARMADO (F'C= 210 KG/CM2) | | | | |
| 5.3.1 | LOSA DE TECHO 0.12 - 1.02 QQ/M3 | 1.36 | M3 | 9,697.68 | 13,188.84 |
| 5.3.2 | VIGA PERIMETRAL 0.15 X 0.15 - 4.57 QQ/M3 | 0.28 | M3 | 27,493.68 | 7,698.23 |
| 5.3.3 | COLUMNA 0.15X0.15 - 6.43 QQ/M3 | 0.28 | M3 | 29,421.48 | 8,238.01 |
| 5.3.4 | ZAPATA DE MURO 0.87 QQ/M3 | 1.13 | M3 | 7,244.68 | 8,186.49 |
| 5.4 | MUROS DE BLOCK | | | | |
| 5.4.1 | B.N.P DE Ø 6" | 7.56 | M2 | 836.42 | 6,323.34 |
| 5.4.2 | S.N.P DE Ø 6" | 26.22 | M2 | 857.78 | 22,490.99 |

Handwritten signature or initials in blue ink.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|--|----------|------|-------------|---------------------|
| 5.5 | TERMINACION DE SUPERFICIE | | | | |
| 5.5.1 | PAÑETE INTERIOR | 29.58 | M2 | 275.54 | 8,150.47 |
| 5.5.2 | PAÑETE EXTERIOR | 26.40 | M2 | 265.27 | 7,003.13 |
| 5.5.3 | FINO DE TECHO | 11.31 | M2 | 433.09 | 4,898.25 |
| 5.5.4 | PINTURA BASE BLANCA | 67.29 | M2 | 61.23 | 4,120.17 |
| 5.5.5 | PINTURA GENERAL ACRILICA | 55.98 | M2 | 99.21 | 5,553.78 |
| 5.5.6 | CANTOS | 51.60 | M | 68.67 | 3,543.37 |
| 5.5.7 | ANTEPECHO | 13.60 | M | 381.80 | 5,192.48 |
| 5.5.8 | PISOS DE HORMIGON SIMPLE PULIDO | 6.00 | M2 | 605.03 | 3,630.18 |
| 5.9 | ACERA PERIMETRAL DE 0.80 M DE ANCHO | 6.72 | M2 | 672.95 | 4,522.22 |
| 5.10 | PUERTA POLIMETAL INC HERRAJE INSTALACION Y LLAVIN TIPO PALANCA (2.10X0.80) | 1.00 | U | 6,500.00 | 6,500.00 |
| 5.11 | VENTANA DE ALUMINIO (INCLUYE COLOCACION) | 17.21 | P2 | 265.00 | 4,560.65 |
| 6 | INSTALACION SANITARIA | | | | |
| 6.1 | INODORO COMPLETO SENCILLO | 1.00 | U | 4,500.00 | 4,500.00 |
| 6.2 | LAVAMANO SENCILLO COMPLETO | 1.00 | U | 2,800.00 | 2,800.00 |
| 6.3 | DESAGUE DE PISO Ø2" | 1.00 | U | 594.45 | 594.45 |
| 6.4 | COLUMNA DE VENTILACION 3" PVC | 1.00 | U | 707.66 | 707.66 |
| 6.5 | CAMARA DE INSPECCION (SEGUN DETALLE) | 1.00 | U | 2,796.97 | 2,796.97 |
| 6.6 | CAMARA SEPTICA (SEGUN DETALLE) | 1.00 | U | 17,238.70 | 17,238.70 |
| 6.7 | SUMINISTRO E INSTALACION TINACO 250GLS | 1.00 | U | 6,500.00 | 6,500.00 |
| 6.8 | ZANJA DE INFILTRACION CON TUBO DE Ø 8" PVC (SEGUN DETALLE) | 1.00 | U | 31,140.00 | 31,140.00 |
| 6.9 | TUBERIAS Y PIEZAS AGUA POTABLE | 1.00 | U | 2,000.00 | 2,000.00 |
| 6.10 | TUBERIAS Y PIEZAS AGUAS RESIDUALES | 1.00 | U | 2,000.00 | 2,000.00 |
| 6.11 | MANO DE OBRA (PLOMERIA GENERAL) | 1.00 | U | 5,000.00 | 5,000.00 |
| 7 | ELECTRIFICACION | | | | |
| 7.1 | ENTRADA GENERAL (INCLUYE PANEL DE BRAEKER) Y LUZ CENITALES | 1.00 | U | 3,000.00 | 3,000.00 |
| 7.2 | SALIDAS TOMACORRIENTES DOBLE 120 V | 1.00 | U | 1,050.34 | 1,050.34 |
| 7.3 | SALIDAS INTERRUPTOR SENCILLOS | 2.00 | U | 1,024.17 | 2,048.34 |
| | SUB - TOTAL FASE B | | | | 2,964,238.08 |
| C | REABILITACION CASETA DE BOMBEO E INSTALACION DE EQUIPO POZO No.3 | | | | |
| 1 | LIMPIEZAS Y MANTENIMIENTO | | | | |
| 1.1 | PINTURA ACRILICA INTERIOR Y EXTERIOR CASETA DE BOMBEO Y CASETA DE GENERADOR | 242.40 | M2 | 99.21 | 24,048.50 |
| 1.2 | LIMPIEZA, DESYERBO AREA CIRCUNDANTE A LA CASETA, (INC. BOTE DE ESCOMBRO C/CAMION D=5 KM) | 192.00 | M2 | 15.06 | 2,891.52 |
| 1.3 | PUERTA FRONTAL FORRADA EN ALUZINC LISO EN CASETA DE BOMBEO DE 6 ML | 1.00 | UD | 64,409.12 | 64,409.12 |
| 1.4 | PUERTA POSTERIOR Y LATERAL DE (2.10 X 0.90 EN TOLA DE 1/8 X 4 X 8 EN CASETA DE BOMBEO) | 2.00 | UD | 63,112.30 | 126,224.60 |
| 1.5 | DEMOLICION DE CASETA DE CLORACION, INC. BOTE DE ESCOMBRO IN SITU | 1.00 | UD | 5,000.00 | 5,000.00 |
| 1.6 | VENTANA DE BLOCK CALADO EN CASETA DE DE BOMBEO Y DEGENERADOR | 5.80 | M2 | 1,043.89 | 6,054.56 |
| 1.7 | PUERTA METALICA ENROLLABLE (INC. INSTALACION) | 4.80 | M2 | 3,583.13 | 17,199.02 |
| 1.8 | CONSTRUCCION DE TECHO DESLIZABLE PARA CASETA DE BOMBEO (SEGUN DETALLE) | 1.00 | UD | 60,851.16 | 60,851.16 |

J. N. J.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|----------|---|----------|------|--------------|--------------|
| 2 | INSTALACION SANITARIA EN GARITA PARA VIGILANTE | | | | |
| 2.1 | INODORO BLANCO SENCILLO | 1.00 | U | 4,500.00 | 4,500.00 |
| 2.2 | LAVAMANO BLANCO PEQUEÑO | 1.00 | U | 2,800.00 | 2,800.00 |
| 2.3 | DESAGUE DE PISO Ø2" | 1.00 | U | 594.45 | 594.45 |
| 2.4 | COLUMNA DE VENTILACION 3" PVC | 1.00 | U | 707.66 | 707.66 |
| 2.5 | CAMARA DE INSPECCION (SEGUN DETALLE) | 1.00 | U | 2,796.10 | 2,796.10 |
| 2.6 | CAMARA SEPTICA (SEGUN DETALLE) | 1.00 | U | 17,238.70 | 17,238.70 |
| 2.7 | ZANJA DE INFILTRACION CON TUBERIA DE Ø 4" PVC | 1.00 | U | 10,296.44 | 10,296.44 |
| 2.8 | SUM. E INSTALACION TINACO 250GLS | 1.00 | U | 6,500.00 | 6,500.00 |
| 2.9 | TUBERIAS Y PIEZAS AGUA POTABLE | 1.00 | U | 1,500.00 | 1,500.00 |
| 2.10 | TUBERIAS Y PIEZAS AGUAS RESIDUALES | 1.00 | U | 1,500.00 | 1,500.00 |
| 2.11 | MANO DE OBRA (PLOMERIA GENERAL) | 1.00 | U | 4,000.00 | 4,000.00 |
| 3 | INSTALACIONES ELÉCTRICAS EN GARITA P/VIGILANTE | | | | |
| 3.1 | SALIDA CENITAL, INC. PANEL DE DISTRIBUCION 4/8 CIRCUITOS Y BREAKERS) | 2.00 | U | 3,000.00 | 6,000.00 |
| 3.2 | INTERRUPTOR SENCILLO | 1.00 | U | 1,050.34 | 1,050.34 |
| 3.3 | TOMACORRIENTES DOBLE, 120V | 1.00 | U | 1,024.17 | 1,024.17 |
| 4 | LIMPIEZA FINAL | 1.00 | U | 1,000.00 | 1,000.00 |
| 5 | VERJA MALLA CICLONICA: (SEGÚN DETALLE) | | | | |
| 5.1 | CONSTRUCCION DE VERJA MALLA CICLONICA, CON TRES LINEA DE BLOCK, INC. LOMO DE PERRO, Y ZAPATA DE MUROS | 52.00 | M | 3,447.09 | 179,248.68 |
| 5.2 | COLUMNA C1 (0,15 X 0,15) F'C=210 KG/CM2 | 12.00 | UD | 553.26 | 6,639.12 |
| 5.3 | COLUMNA C2 (0,25 X 0,25), 4.03 QQ/M3, NO INC. ZAPATA F'C=210 KG/CM2 | 6.00 | UD | 6,112.30 | 36,673.80 |
| 5.4 | PUERTA DE MALLA CICLONICA DE L= 4.00 M | 1.00 | UD | 24,449.42 | 24,449.42 |
| 6 | INSTALACION EQUIPOS DE BOMBEO POZO No.3 | | | | |
| 6.1 | SUMINISTRO DE ELECTROBOMBA TURBINA DE EJE VERTICAL CON CAPACIDAD DE 700 GPM Y MOTOR DE 50 HP A 460 VOL, 60HZ. | 1.00 | UD | 1,038,400.00 | 1,038,400.00 |
| 6.2 | SUMINISTRO Y COLOCACION REDUCCION COPA Ø 6" X 4" ACERO SCH-40 PLATILLADA AMBOS EXTREMOS, INC. TORNILLO Y J.G. | 1.00 | UD | 4,528.33 | 4,528.33 |
| 6.3 | NIPLE DE Ø 6" X 12" ACERO SCH-40 C/PROTECCION ANTICORROSIVA, PLATILLADO EN UN EXTREMO | 2.00 | U | 2,836.67 | 5,673.34 |
| 6.4 | CHECK HORIZONTAL LIMITADOR DE CAUDAL INTEGRADO DE Ø6" PLATILLADO 150 PSI | 1.00 | UD | 148,065.56 | 148,065.56 |
| 6.5 | TEE DE Ø 6" X 4" SCH-40, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 24,423.89 | 24,423.89 |
| 6.6 | VALVULA DE COMPUERTA DE Ø6" DE 150 PSI PLATILLADA | 1.00 | UD | 24,423.89 | 24,423.89 |
| 6.7 | CODO DE Ø6" X 45 ACERO SCH-40, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 2,757.17 | 2,757.17 |
| 6.8 | BASE PARA BOMBA (SEGÚN DETALLE) | 1.00 | UD | 6,460.28 | 6,460.28 |
| 6.9 | VALVULA DE AIRE Ø 1" COMPLETA DE H.F., 150 PSI | 1.00 | UD | 8,872.34 | 8,872.34 |
| 6.10 | ZETA DE Ø 6" X 4 M SCH-40, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 12,390.00 | 12,390.00 |
| 6.11 | PANEL ARRANCADOR DE BOMBA, AUTO TRANSFORMADOR | 1.00 | UD | 156,884.00 | 156,884.00 |
| 6.12 | TUBERIA FLEXIBLE PARA CONDUCTORES | 60.00 | PIES | 150.00 | 9,000.00 |
| 6.13 | MANOMETRIA COMPLETA INC. MANOMETRO SUMERGIDO EN GLISERINA | 1.00 | UD | 1,764.34 | 1,764.34 |
| 6.14 | NIPLE DE Ø 4" X 12" SCH-80 C/PROTECCION ANTICORROSIVA, PLATILLADO EN UN EXTREMO | 1.00 | UD | 2,011.53 | 2,011.53 |
| 6.15 | JUNTA MECANICA TIPO DRESSER DE Ø 6" 150 PSI | 2.00 | UD | 1,840.17 | 3,680.34 |
| 6.16 | ANCLAJE H.A. PARA PIEZAS (SEGÚN DETALLE) | 1.00 | UD | 5,000.00 | 5,000.00 |
| 6.17 | MANO DE OBRA INSTALACION DE EQUIPO DE BOMBEO | 1.00 | UD | 60,000.00 | 60,000.00 |

Handwritten signature or initials in blue ink.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|----------|---|----------|------|-------------|---------------------|
| 7 | ELECTRIFICACION | | | | |
| 7.1 | SUMINISTRO DE ARRANCADOR TIPO AUTOTRANSFORMADOR, NEMA 3 TRIFASICO A 460 VOL, 60HZ. 50HP | 1.00 | U | 165,200.00 | 165,200.00 |
| 7.2 | BREAKER ENCLOSE DE 100 AMPS 460 V TRIFASICO | 1.00 | U | 2,800.00 | 2,800.00 |
| 7.3 | CONDUCTOR THHN ST NO. 1/0 DESDE BANCO TRANSF. A BREAKER 125 AMPS. | 200.00 | PIES | 95.00 | 19,000.00 |
| 7.4 | CONDUCTOR THHN ST NO. 2 DESDE BREAKER 100 AMPS A ARRANCADOR. | 45.00 | PIES | 56.00 | 2,520.00 |
| 7.5 | CONDUCTOR THHN 1/0 DESDE PANEL ARRANCADOR A MOTOR. | 60.00 | PIES | 95.00 | 5,700.00 |
| 7.6 | TUBO EMT 3" X 10 | 1.00 | U | 1,200.00 | 1,200.00 |
| 7.7 | CURVA EMT 3" | 1.00 | U | 750.00 | 750.00 |
| 7.8 | CONECTOR EMT 3" | 2.00 | U | 220.00 | 440.00 |
| 7.9 | CONDULET EMT Ø 3" | 1.00 | U | 1,322.00 | 1,322.00 |
| 7.10 | BARRA SOPORTE 1 1/2 X 8" | 1.00 | U | 485.00 | 485.00 |
| 7.11 | ABRAZADERA UNITRUSH 3" | 3.00 | U | 40.22 | 120.66 |
| 7.12 | TORNILLO HILTI 3/8 X 3" | 30.00 | U | 14.16 | 424.80 |
| 7.13 | TUBERIA LT 3" | 20.00 | PIES | 325.00 | 6,500.00 |
| 7.14 | CONECTOR LT RECTO 3" | 2.00 | U | 627.00 | 1,254.00 |
| 7.15 | SUMINISTRO E INSTALACION DE TRANSFORMADOR SECO 5 KVA. | 1.00 | U | 18,500.00 | 18,500.00 |
| 7.16 | TRANSFORMADOR 37.5 KVA, 7,200/240-480 V | 3.00 | U | 55,450.00 | 166,350.00 |
| 7.17 | CUT-OUT 200AMPS | 3.00 | U | 6,300.00 | 18,900.00 |
| 7.18 | PARARRAYO 9 KV | 3.00 | U | 1,400.00 | 4,200.00 |
| 7.19 | ESTRUCTURA TR-306 (NO INCLUYE TRANSF.) | 1.00 | U | 12,300.00 | 12,300.00 |
| 7.20 | SALIDA CENITAL EMT INC. LAMPARA | 2.00 | U | 1,567.00 | 3,134.00 |
| 7.21 | SALIDA INTERRUPTOR SENCILLO EMT | 1.00 | U | 1,043.28 | 1,043.28 |
| 7.22 | SALIDA T.C SENCILLO EMT | 2.00 | U | 1,184.78 | 2,369.56 |
| 7.23 | PANEL DE BREAKER 4/8C CON BREAKER 20A, 30A | 1.00 | U | 2,050.35 | 2,050.35 |
| 7.24 | CONDUCTOR PARA ALIMENTACION PANEL DE BREAKER NO.10 ST | 20.00 | PIES | 8.25 | 165.00 |
| 7.25 | TUBO EMT 1/2' PARA CONDUCTOR PANEL BREAKER | 1.00 | U | 120.00 | 120.00 |
| 7.26 | ABRAZADERAS 1/2' EMT | 3.00 | U | 2.50 | 7.50 |
| 7.27 | CONECTOR EMT 1/2 | 2.00 | U | 8.75 | 17.50 |
| 7.28 | TARUGOS Y TORNILLOS 1/4' | 6.00 | U | 1.95 | 11.70 |
| 7.29 | LAMPARA TIPO COBRA 250W A COLOCAR EN POSTE EXISTENTES. | 2.00 | U | 3,200.00 | 6,400.00 |
| 7.30 | ALAMBRE 10/3 VINIL. | 110.00 | PIES | 51.26 | 5,638.60 |
| 7.31 | ZANJA PARA SOSTERRAR ALAMBRE 10/3 VINIL. | 1.00 | U | 1,200.00 | 1,200.00 |
| 7.32 | ESTRUCTURA MT 307 | 2.00 | U | 12,550.24 | 25,100.48 |
| 7.33 | ENDEREZAR POSTE DE HORMIGON EXISTENTES | 3.00 | U | 1,500.00 | 4,500.00 |
| 7.34 | MANO DE OBRA | 0.30 | % | 425,877.11 | 127,763.13 |
| | SUB - TOTAL FASE C | | | | 2,737,019.93 |

J.M.C



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-------|---|----------|------|-------------|--------------|
| D | INSTALACIONES DEP3SITO ACERO VITRIFICADO CAP. 2,500 M3. STAND PIPE @10 M. AC. QUISQUEYA | | | | |
| 1 | ENTRADA SALIDA REBOSE Y BY PASS | | | | |
| 1.1 | CONSTRUCCI3N REGISTROS PARA TUB. DE ENTRADA, SALIDAS Y BY-PASS EN H.A. (1.95x1.95x1.60), e=0.20 m, CON PLACA CUBIERTA DE ACERO.(SEG3N DETALLE) | 4.00 | U | 75,414.05 | 301,656.20 |
| 1.2 | CONSTRUCCI3N REGISTRO PARA TUB. DE DESAGUE EN H.A. (1.80x1.80x1.60), e=0.20 m, CON PLACA CUBIERTA DE ACERO. (SEG3N DETALLE) | 1.00 | U | 67,639.54 | 67,639.54 |
| 1.3 | REGISTRO DE H.A. P/DESAGUE Y REBOSE (1.50x1.80x1.60) e=0.20 (SEG3N DETALLE) | 1.00 | U | 58,020.90 | 58,020.90 |
| 1.4 | TRAMO DE TUBERIA DE ENTRADA Φ 20" ACERO SCH 20, C/PROTECCION ANTICORROSIVA SIN COSTURA | 57.00 | ML | 9,155.17 | 521,844.69 |
| 1.5 | TRAMO DE TUBERIA PARA BY-PASS Φ 20" ACERO SCH 20, C/PROTECCION ANTICORROSIVA SIN COSTURA | 17.00 | ML | 9,155.17 | 155,637.89 |
| 1.6 | TRAMO DE TUBERIA DE SALIDA #1 Φ 20" ACERO SCH 20, C/PROTECCION ANTICORROSIVA SIN COSTURA | 14.00 | ML | 9,155.17 | 128,172.38 |
| 1.7 | TRAMO DE TUBERIA DE SALIDA #2 Φ 20" ACERO SCH 20, C/PROTECCION ANTICORROSIVA SIN COSTURA | 16.00 | ML | 9,155.17 | 146,482.72 |
| 1.8 | TUBERIA MATRIZ Φ 20" EN ACERO SCH 20 A EMPALMAR CON TUB. EXISTENTE Φ 20", C/PROTECCION ANTICORROSIVA SIN COSTURA | 52.00 | ML | 9,155.17 | 476,068.84 |
| 1.9 | TUBERIA REBOSE Φ 20 ACERO SCH 20 L=22.00 M., C/PROTECCION ANTICORROSIVA SIN COSTURA | 22.00 | ML | 9,155.17 | 201,413.74 |
| 1.10 | TUBERIA DE DESAGUE Φ 16" PVC (SDR-26) CON JUNTA DE GOMA L= 20.00 M | 20.00 | ML | 3,540.59 | 70,811.80 |
| 1.11 | VALVULAS DE MARIPOSA Φ 20" H.F. (150 P.S.I.). PLATILLADA COMPLETA | 4.00 | U | 289,100.00 | 1,156,400.00 |
| 1.12 | VALVULA DE MARIPOSA Φ 16" H.F. (150 P.S.I.). PLATILLADA COMPLETA | 1.00 | U | 230,100.00 | 230,100.00 |
| 1.13 | CODOS Φ 20" X 30 EN ACERO SCH 20, C/PROTECCION ANTICORROSIVA | 4.00 | U | 31,270.00 | 125,080.00 |
| 1.14 | CODO DE Φ 20" X 60 EN ACERO, PARA EMPALME CON LINEA MATRIZ EXISTENTE., C/PROTECCION ANTICORROSIVA | 1.00 | U | 31,270.00 | 31,270.00 |
| 1.15 | CODOS Φ 20" X 90 EN ACERO. SCH 20, C/PROTECCION CORROSIVA | 6.00 | U | 34,810.00 | 208,860.00 |
| 1.16 | TEE 20X20 ACERO SCH 20, C/PROTECCION ANTICORROSIVA | 2.00 | U | 40,710.00 | 81,420.00 |
| 1.17 | YEE 20X20 ACERO SCH 20, C/PROTECCION ANTICORROSIVA | 1.00 | U | 40,070.00 | 40,070.00 |
| 1.18 | NIPLE EN ACERO PARA EMPALMAR CON TUBERIA DE DESAGUE Φ 20" L=3.00 m. | 1.00 | U | 26,904.00 | 26,904.00 |
| 1.19 | JUNTAS MECANICA TIPO DRESSER Φ 20". 150 PSI | 2.00 | U | 7,670.00 | 15,340.00 |
| 1.20 | PINTURA OXIDO ROJO | 210.49 | M2 | 135.21 | 28,460.35 |
| 1.21 | PINTURA AZUL MANTENIMIENTO | 210.49 | M2 | 189.85 | 39,961.53 |
| 1.22 | MANO DE OBRA | 1.00 | U | 100,000.00 | 100,000.00 |
| 2 | MOVIMIENTO DE TIERRA | | | | |
| 2.1 | EXCAVACION MATERIAL COMPACTO C/EQUIPO | 261.20 | M3 | 125.78 | 32,853.74 |
| 2.2 | ASIENTO ARENA | 2.64 | M3 | 923.72 | 2,438.62 |
| 2.3 | RELLENO COMPACTADO C/ COMPACTADOR MECANICO EN CAPA DE 0.20 MTS. | 219.83 | M3 | 122.16 | 26,854.43 |
| 2.4 | BOTE DE MATERIAL CON CAMION D=5 KM | 49.65 | M3 | 124.94 | 6,203.27 |
| 3 | PUERTA DE MALLA CICLONICA DE 4.00 MTS. | 1.00 | UD | 24,449.42 | 24,449.42 |

S.M.C



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|--|----------|------|-------------|---------------------|
| 4 | CASETA DE CLORACION EN D.R | | | | |
| 4.1 | REPLANTEO | 1.00 | U | 500.00 | 500.00 |
| 4.2 | MOVIMIENTO DE TIERRA | 1.00 | U | 1,156.32 | 1,156.32 |
| 4.3 | HORMIGON ARMADO EN: F'C=210 KG/MC2 | | | | |
| 4.3.1 | ZAPATA DE MURO 0.87 QQ/M3 | 1.30 | M3 | 7,244.68 | 9,418.08 |
| 4.3.2 | COLUMNA DE AMARRE 0.20 X 0.20 - 4.65QQ/M3 | 0.47 | M3 | 21,331.28 | 10,025.70 |
| 4.3.3 | VIGA 0.20 X 0.30 - 4.67 QQ/M3 | 0.79 | M3 | 20,798.18 | 16,430.56 |
| 4.3.4 | LOSA DE TECHO 0.12 - 1.30 QQ/M3 | 1.95 | M3 | 10,389.28 | 20,259.10 |
| 4.4 | MURO DE: | | | | |
| 4.4.1 | DE BLOCK 6" SNP | 22.52 | M2 | 836.42 | 18,836.18 |
| 4.4.2 | DE BLOCK CALADO | 11.30 | M2 | 857.78 | 9,692.91 |
| 4.5 | TERMINACION DE SUPERFICIE | | | | |
| 4.5.1 | PAÑETE INTERIOR Y EXTERIOR | 50.76 | M2 | 275.54 | 13,986.41 |
| 4.5.2 | FINO LOSA DE TECHO | 16.28 | M2 | 433.09 | 7,050.71 |
| 4.5.3 | PINTURA ACRILICA | 50.76 | M2 | 99.21 | 5,035.90 |
| 4.5.4 | CANTOS | 53.00 | M | 68.67 | 3,639.51 |
| 4.5.5 | PISO H.S. PULIDO | 9.13 | M2 | 605.09 | 5,524.47 |
| 4.5.6 | ANTEPECHO | 11.60 | M | 381.80 | 4,428.88 |
| 4.5.7 | ZABALETA | 11.60 | M | 141.33 | 1,639.43 |
| 4.6 | PUERTAS | | | | |
| 4.6.1 | SUMINISTRO Y COLOCACION PUERTA POLIMETAL (2.10 X 1.00) M,(INC. INSTALACION MARCO Y LLAVIN DE PALANCA) | 1.00 | UD | 6,500.00 | 6,500.00 |
| 4.7 | ACERA EXTERIOR 0.80 M | 11.22 | M2 | 672.95 | 7,550.50 |
| 4.8 | ELECTRIFICACION | | | | |
| 4.8.1 | ENTRADA GENERAL (INCLUYE PANEL DE BRAEKER) Y LUZ CENITALES | 1.00 | U | 3,000.00 | 3,000.00 |
| 4.8.2 | SALIDAS TOMACORRIENTES DOBLE 120 V | 1.00 | U | 1,050.34 | 1,050.34 |
| 4.8.3 | INTERRUPTOR SENCILLOS | 2.00 | U | 1,024.17 | 2,048.34 |
| 4.8.4 | REGISTRO EN PUNTO DE APLICACION DE CLORO | 1.00 | U | 1,000.00 | 1,000.00 |
| 4.8.5 | LIMPIEZA FINAL | 1.00 | U | | |
| 4.9 | LOGO Y LETRERO INAPA | 1.00 | U | 4,000.00 | 4,000.00 |
| 4.10 | MANO DE OBRA DESINTALACION Y REINTALACION SISTEMA DE CLORACION (PARA INSTALARLO EN OTRO LUGAR), INC. ACCESORIOS | 1.00 | UD | 12,500.00 | 12,500.00 |
| 5 | ILUMINACION DEPOSITO REGULADOR | | | | |
| 5.1 | LAMPARA TIPO COBRA 250W. | 3.00 | U | 3,200.00 | 9,600.00 |
| 5.2 | ALAMBRE 10/3 VINIL. | 700.00 | PIES | 50.25 | 35,175.00 |
| 5.3 | POSTE 25' CLASE III | 3.00 | U | 15,000.00 | 45,000.00 |
| 5.4 | HOYO PARA POSTE | 3.00 | U | 589.82 | 1,769.46 |
| 5.5 | INSTALACION DE POSTE | 3.00 | U | 1,200.00 | 3,600.00 |
| 5.6 | ZANJA PARA SOSTERRAR ALAMBRE 10/3 VINIL. | 1.00 | U | 1,200.00 | 1,200.00 |
| 5.7 | MANO DE OBRA ELECTRICA | 1.00 | U | 5,000.00 | 5,000.00 |
| | SUB-TOTAL FASE D | | | | 4,571,031.86 |

J.M.-C



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-----------|--|----------|------|-------------|--------------|
| E | LINEA DE CONDUCCION DESDE DEPOSITO REGULADOR VITRIFICADO, HASTA PROYECTO INVI Y RED DE DISTRIBUCION | | | | |
| I | LINEA DE CONDUCCION | | | | |
| 1 | REPLANTEO | 450.00 | M | 4.59 | 2,065.50 |
| 2 | MOVIMIENTO DE TIERRA: | | | | |
| 2.1 | EXCAVACION MATERIAL COMPACTO C/ EQUIPO | 297.00 | M3 | 125.78 | 37,356.66 |
| 2.2 | ASIENTO DE ARENA | 27.00 | M3 | 923.72 | 24,940.44 |
| 2.3 | RELLENO COMPACTADO CON C/MECANICO C/ COMPACTADOR MECANICO EN CAPA DE 0.20 MTS. | 253.04 | M3 | 122.16 | 30,911.37 |
| 2.4 | BOTE DE MATERIAL C/CAMION D= 5 KM | 52.76 | M3 | 124.94 | 6,591.83 |
| 3 | SUMINISTRO DE TUBERIAS: | | | | |
| 3.1 | DE Ø 4" PVC SDR-26 CON J.G. + 2% DE PERDIDA POR CAMPANA | 459.00 | M | 275.86 | 126,619.74 |
| 4 | COLOCACION DE TUBERIAS: | | | | |
| 4.1 | DE Ø 4" PVC SDR-26 CON J.G. + 2% DE PERDIDA POR CAMPANA | 459.00 | M | 32.28 | 14,816.52 |
| 5 | PRUBAS HIDROSTATICAS DE TUBERIAS: | | | | |
| 5.1 | DE Ø 4" PVC SDR-26 CON J.G. | 450.00 | M | 9.71 | 4,369.50 |
| 6 | SUMINISTRO Y COLOCACION DE PIEZAS ESPECIALES: | | | | |
| 6.1 | CODO DE Ø 4" X 90 ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 2,429.78 | 2,429.78 |
| 6.2 | CODO DE Ø 4" X 45 ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 2,164.28 | 2,164.28 |
| 6.3 | TEE DE Ø 4" X 4" ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 2,477.08 | 2,477.08 |
| 6.4 | JUNTA MECANICA TIPO DRESSER DE Ø 4" 150 PSI | 3.00 | UD | 1,038.08 | 3,114.24 |
| 6.5 | SILLETA DERIVADORA DE Ø 20" X 4" ACERO SCH-20 CON PROTECCION ANTICORROSIVA | 1.00 | UD | 6,512.34 | 6,512.34 |
| 6.6 | ANCLAJE H. S PARA PIEZAS (SEGÚN DETALLE) | 3.00 | UD | 300.00 | 900.00 |
| 7 | SUMINISTRO Y COLOCACION DE VALVULA | | | | |
| 7.1 | VALVULA DE COMPUERTA DE Ø 4" , PLATILLADA COMPLETA DE 150 PSI | 1.00 | UD | 15,822.54 | 15,822.54 |
| 7.2 | CAJA TELECOPICA PARA VALVULA | 1.00 | UD | 2,897.38 | 2,897.38 |
| II | RED DE DISTRIBUCION EN CALLE ALEDAÑA AL DEP. REG. | | | | |
| 1 | REPLANTEO | 405.00 | M | 4.59 | 1,858.95 |
| 2 | MOVIMIENTO DE TIERRA: | | | | |
| 2.1 | EXCAVACION MATERIAL COMPACTO C/ EQUIPO | 263.25 | M3 | 125.78 | 33,111.59 |
| 2.2 | ASIENTO DE ARENA | 24.30 | M3 | 923.73 | 22,446.64 |
| 2.3 | RELLENO COMPACTADO CON C/MECANICO EN CAPA DE 0.20 M | 225.23 | M3 | 122.14 | 27,509.59 |
| 2.4 | BOTE DE MATERIAL C/CAMION (DIST. 5 KM) | 45.62 | M3 | 124.94 | 5,699.76 |
| 3 | SUMINISTRO DE TUBERIAS: | | | | |
| 3.1 | DE Ø 3" PVC SDR-26 CON J.G. + 2% DE PERDIDA POR CAMPANA | 413.10 | M | 149.08 | 61,584.95 |

S.M.C



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|----------|---|----------|------|-------------|-------------------|
| 4 | COLOCACION DE TUBERIAS: | | | | |
| 4.1 | DE Ø 3" PVC SDR-26 CON J.G. + 2% DE PERDIDA POR CAMPANA | 413.10 | M | 27.67 | 11,430.48 |
| 5 | PRUBAS HIDROSTATICAS DE TUBERIAS: | | | | |
| 5.1 | DE Ø 3" PVC SDR-26 CON J.G. | 413.10 | M | 8.95 | 3,697.25 |
| 6 | SUMINISTRO Y COLOCACION DE PIEZAS ESPECIALES: | | | | |
| 6.1 | JUNTA TAPON DE Ø 3" ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 2.00 | UD | 1,483.08 | 2,966.16 |
| 6.2 | CODO DE Ø 3" X 45 ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 2.00 | UD | 1,445.38 | 2,890.76 |
| 6.3 | TEE DE Ø 3" X 3" ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 1,601.33 | 1,601.33 |
| 6.4 | YEE DE Ø 3" X 3" ACERO SCH-80, C/PROTECCION EPOXICA ANTICORROSIVA | 1.00 | UD | 2,309.33 | 2,309.33 |
| 6.5 | JUNTA MECANICA TIPO DRESSER DE Ø 3" 150 PSI | 1.00 | UD | 920.08 | 920.08 |
| 6.6 | ANCLAJE H. S PARA PIEZAS (SEGÚN DETALLE) | 6.00 | UD | 300.00 | 1,800.00 |
| 7 | SUMINISTRO Y COLOCACION DE VALVULA | | | | |
| 7.1 | VALVULA DE COMPUERTA DE Ø 3" , PLATILLADA COMPLETA DE 150 PSI | 1.00 | UD | 11,385.95 | 11,385.95 |
| 7.2 | CAJA TELECOPIA PARA VALVULA | 1.00 | UD | 2,897.38 | 2,897.38 |
| 8 | ACOMETIDAS RURALES CON POLIETILENO DE Ø 3" (60 UD) | | | | |
| 8.1 | COLLARIN EN POLIETILENO DE Ø 3" (ABRAZADERA) | 60.00 | U | 230.10 | 13,806.00 |
| 8.2 | TUBERIA DE POLIETILENO ALTA DENSIDAD, Ø 1/2" INTERNO L= 12.00 M (PROMEDIO) | 720.00 | M | 29.50 | 21,240.00 |
| 8.3 | ADATADOR MACHO Ø 1/2" ROSCADO A MANGUERA | 120.00 | U | 53.10 | 6,372.00 |
| 8.4 | CODO Ø 1/2" X 90 H.G. | 120.00 | U | 29.50 | 3,540.00 |
| 8.5 | TUBERIA 1/2" H.G. PARA BASTONE | 90.00 | M | 259.60 | 23,364.00 |
| 8.6 | NIPLE DE Ø 1/2" H.G. | 60.00 | U | 35.40 | 2,124.00 |
| 8.7 | COUPLING DE Ø 1/2" H.G. | 60.00 | U | 21.24 | 1,274.40 |
| 8.8 | LLAVE DE PASO DE Ø 1/2" PLASTICA DE BOLA | 60.00 | U | 59.00 | 3,540.00 |
| 8.9 | CEMENTO SOLVENTE Y TEFLON | 60.00 | U | 13.33 | 799.80 |
| 8.10 | CHECK DE 1/2" | 60.00 | U | 265.50 | 15,930.00 |
| 8.11 | PEDESTAL DE H.S. (0.80 X 0.15) | 60.00 | U | 100.00 | 6,000.00 |
| 8.12 | EXCAVACION Y TAPADO | 118.80 | M3 | 351.34 | 41,739.19 |
| 8.13 | MANO DE OBRA PLOMERIA | 60.00 | UD | 200.00 | 12,000.00 |
| | SUB - TOTAL FASE E | | | | 629,828.79 |

J.M.S.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-------|---|----------|------|-------------|--------------|
| F | ELECTRIFICACION Y EQUIPAMIENTO DE POZO BATEY SACA LENGUA, MUNICIPIO DE QUISQUEYA | | | | |
| I | INSTALACION ELECTRICA PRIMARIA | | | | |
| 1 | POSTE H.A. 35' 500 DAN | 1.00 | U | 18,000.00 | 18,000.00 |
| 2 | ENDEREZADO DE POSTE EXIST. | 1.00 | U | 1,200.00 | 1,200.00 |
| 3 | CONDUCTOR AAC NO.- 1/0 | 90.00 | PIES | 83.25 | 7,492.50 |
| 4 | ESTRUCTURA HA-100B (VIENTO COMPLETO) | 1.00 | U | 1,994.35 | 1,994.35 |
| 5 | ESTRUCTURA MT-105 | 2.00 | U | 2,031.00 | 4,062.00 |
| 6 | ESTRUCTURA PR-101 (ATERRIZAJE COMPLETO) | 1.00 | U | 2,538.00 | 2,538.00 |
| 7 | TRANSFORMADOR 15 KVA, 7200/277-480V, TIPO POSTE | 1.00 | U | 5,736.00 | 5,736.00 |
| 8 | CUT-OUT 200A, 15KV | 1.00 | U | 6,300.00 | 6,300.00 |
| 9 | APARTARRAYO 9KV | 1.00 | U | 1,400.00 | 1,400.00 |
| 10 | MEDICION ELECTRICA | 1.00 | U | 3,000.00 | 3,000.00 |
| 11 | MANO DE OBRA (30%) | 0.30 | % | 23,928.50 | 7,178.55 |
| 12 | HOYO PARA POSTES | 1.00 | U | 589.82 | 589.82 |
| 13 | HOYO PARA VIENTOS | 1.00 | U | 589.82 | 589.82 |
| 14 | INSTALACION DE POSTES | 1.00 | U | 1,200.00 | 1,200.00 |
| II | ELECTRICACION SECUNDARIA. | | | | |
| 1 | ALAMBRE THW No.4 DESDE TRANF. A MEDICION ELECTRIC. | 140.00 | P | 36.98 | 5,177.20 |
| 2 | ALAMBRE THW No.8 DESDE MEDICION ELECTRIC. A PANEL. | 150.00 | P | 13.25 | 1,987.50 |
| 3 | ALAMBRE THW No.6 DESDE TRANF. A MEDICION ELECTRIC. | 70.00 | P | 20.66 | 1,446.20 |
| 4 | ALAMBRE VINIL 10/3 DESDE PANEL A BOMBA SUMERG. | 300.00 | P | 50.25 | 15,075.00 |
| 5 | TUBO IMC DE 2" X 10 | 2.00 | U | 1,065.00 | 2,130.00 |
| 6 | TUBO PVC DE 1 X 19 DESDE MEDIDOR HASTA NICHOS DE CONTROLES | 2.00 | U | 410.00 | 820.00 |
| 7 | TUBO PVC DE 3/4" X 19 DESDE PANEL HASTA EQUIPO DE BOMBEO | 2.00 | U | 110.00 | 220.00 |
| 8 | TUBERIA LT 3/4" | 6.00 | PIES | 32.25 | 193.50 |
| 9 | CONECTOR PVC DE 1 | 2.00 | U | 125.00 | 250.00 |
| 10 | CONECTOR RECTO LT 3/4 | 4.00 | U | 60.23 | 240.92 |
| 11 | CONECTOR RECTO IMC 2" | 2.00 | U | 250.00 | 500.00 |
| 12 | ABRAZADERA EMT 2 | 4.00 | U | 6.25 | 25.00 |
| 13 | CURVA PVC 1" | 2.00 | U | 10.05 | 20.10 |
| 14 | CURVA PVC 3/4" | 3.00 | U | 5.20 | 15.60 |
| 15 | CONDULET IMC DE 2" | 1.00 | U | 210.30 | 210.30 |
| 16 | TAPE DE VINIL 3M SUPER 33 | 1.00 | U | 260.00 | 260.00 |
| 17 | TAPE DE GOMA 3M SUPER 23 | 1.00 | U | 800.00 | 800.00 |
| 18 | ESTRUCTURA AP-104 | 1.00 | U | 4,635.22 | 4,635.22 |
| 19 | MAIN BREAKER DE 40/2 AMPS. ENCLOSURE. | 1.00 | U | 1,100.00 | 1,100.00 |
| 20 | MANO DE OBRA (30%) | 0.30 | % | 30,471.32 | 9,141.40 |
| III | SUMINISTRO E INSTALACION DE ELECTROBOMBA | | | | |
| 1 | SUMINISTRO DE ELECTROBOMBA SUMERGIBLE 7.5 HP, EQUIPADO CON ARRANCADOR DIRECTO A LINEA. | 1.00 | U | 106,200.00 | 106,200.00 |
| 2 | INSTALACION DE ELECTROBOMBA Y ARRANCADOR | 1.00 | U | 20,000.00 | 20,000.00 |
| 3 | CABEZAL CUELLO DE GANZO 3" | 1.00 | U | 6,512.34 | 6,512.34 |
| 4 | NIPLE DE 3" X 12" SCH-80 CON PROTECCION ANTICOROSION PLATILLADO EN UN EXTREMO | 1.00 | U | 1,728.33 | 1,728.33 |
| 5 | NIPLE DE 2 X 2 PLATILLADO EN UN EXTREMO | 1.00 | U | 961.28 | 961.28 |
| 6 | NIPLE DE 3" X 6" SCH-80 CON PROTECCION ANTICOROSION PLATILLADO EN AMBOS EXTREMOS | 1.00 | U | 1,553.78 | 1,553.78 |
| 7 | JUNTA MECANICA TIPO DRESSER 3" 150 PSI | 2.00 | U | 920.08 | 1,840.16 |

J. P. C.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|---|--|----------|------|-------------|-------------------|
| 8 | VALVULA DE COMPUERTA 3" PLATILLADA VASTAGO ASCENDENTE Y COLOCACION 150 PSI | 1.00 | U | 13,450.95 | 13,450.95 |
| 9 | VALVULA DE DE AIRE 1" 150 PSI | 1.00 | U | 8,872.34 | 8,872.34 |
| 10 | VALVULA CHECK HORIZONTAL, Ø3" PLATILLADA COMPLETA 150 PSI | 1.00 | U | 11,208.95 | 11,208.95 |
| 11 | VALVULA DE 2" DE COMPUERTA 150 PSI | 1.00 | U | 9,415.56 | 9,415.56 |
| 12 | TEE 3 X 2 PLASTILLADA | 1.00 | U | 3,539.10 | 3,539.10 |
| 13 | ZETA DE 3" X 3 M SCH-80 CON PROTECCION ANTICOROSION P/INTERCONECTAR DESCARGA A LINEA DE IMPULSION Y COLOCACION | 1.00 | U | 3,739.30 | 3,739.30 |
| 14 | ANCLAJE HORMIGON ARMADO 0.5M X 0.5M (SEGUN DETALLE) | 1.00 | U | 3,500.00 | 3,500.00 |
| 15 | INSTALACION MANOMETRICA COMPLETA | 1.00 | U | 1,764.34 | 1,764.34 |
| 16 | MANO DE OBRAS CONSTRUCCION DE DESCARGA DE 3" | 1.00 | U | 10,000.00 | 10,000.00 |
| 17 | PINTURA AZUL PARA DESCARGA (OXIDO) | 1.00 | U | 1,500.00 | 1,500.00 |
| IV VERJA DE MURO DE BLOCK DE 6" Y BLOCK CALADO (SEGUN DETALLE) | | | | | |
| 1 | ZAPATA DE MURO (0.60 X 0.25), 0.87 F'C= 210 KG/CM2 QQ/M3 INC. EXCAVACION | 7.15 | M3 | 7,244.68 | 51,799.46 |
| 2 | MURO DE BLOCK DE 6" SNP | 39.20 | M2 | 857.78 | 33,624.98 |
| 3 | MURO DE BLOCK CALADO SNP | 19.20 | M2 | 1,043.89 | 20,042.69 |
| 4 | VIGA INFERIOR SOBRE NIVEL DE TERRENO (0.15 X 0.25), 4.20 QQ/M3 F'C=210 KG/CM2 | 1.07 | M3 | 22,403.98 | 24,028.27 |
| 5 | VIGA SUPERIOR (0.25 X 0.25), 2.27 QQ/M3 F'C=210 KG/CM2 | 2.54 | M3 | 16,097.68 | 40,847.86 |
| 6 | COLUMNA C2 0.25 X 0.25, 3.55 QQ/M3 F'C=210 KG/CM2 INC. ZAPATA | 12.00 | U | 16,904.28 | 202,851.36 |
| 7 | PUERTA DE MALLA CICLONICA | 1.00 | U | 24,449.42 | 24,449.42 |
| V SISTEMA DE CLORACION | | | | | |
| 1 | SUMINISTRO DE CLORADOR POR PASTILLA DIRECTO A LINEA | 1.00 | U | 7,699.50 | 7,699.50 |
| 2 | REGISTRO EN BLOCK DE 6" DE (1.00 X 1.00) PARA CISTEMA DE CLORACION (SEGUN DETALLE) | 1.00 | U | 19,024.07 | 19,024.07 |
| 3 | REDUCCION DE Ø 4" X 2" PVC C/J.G | 2.00 | U | 736.00 | 1,472.00 |
| 4 | MANO DE OBRA INSTALACION CLORADOR | 1.00 | U | 2,303.73 | 2,303.73 |
| VI NICHOS PARA PANELES (1.20 X 1.20 X 1.80) M | | | | | |
| 1 | REPLANTEO | 1.00 | U | 500.00 | 500.00 |
| 2 | MOVIMIENTO DE TIERRA | 1.00 | U | 1,156.34 | 1,156.34 |
| 3 HORMIGON ARMADO EN: F'C=210 KG/CM2 | | | | | |
| 3.1 | ZAPATA MURO 0.87 QQ/M3 | 0.55 | M3 | 7,244.68 | 3,984.57 |
| 3.2 | VIGA AMARRE 0.15 x 0.20 - 4.57 QQ/M3 | 0.18 | M3 | 24,716.18 | 4,448.91 |
| 3.3 | LOSA DE TECHO 0.12 - 1.04 QQ/M3 | 0.84 | M3 | 7,328.10 | 6,155.60 |
| 4 MUROS DE BLOCK | | | | | |
| 4.1 | MURO BLOCK 6" SNP VIOLINADO 2 CARAS | 8.82 | M2 | 1,013.78 | 8,941.54 |
| 5 TERMINACIÓN DE SUPERFICIE: | | | | | |
| 5.1 | PAÑETE | 8.82 | M2 | 265.27 | 2,339.68 |
| 5.2 | PAÑETE TECHO | 2.25 | M2 | 275.54 | 619.97 |
| 5.3 | FINO DE TECHO | 2.25 | M2 | 433.09 | 974.45 |
| 5.4 | PISO HORMIGON SIMPLE | 2.25 | M2 | 605.09 | 1,361.45 |
| 5.5 | CANTOS | 12.00 | M | 68.67 | 824.04 |
| 6 | PUERTA DE BARRA CUADRADA DE (1.80 X 1.10), COMPLETA INC. INSTALACION | 1.00 | U | 10,325.00 | 10,325.00 |
| 7 | ACERA EXTERIOR 0.80 | 3.60 | M2 | 672.95 | 2,422.62 |
| SUB-TOTAL FASE F | | | | | 783,512.92 |

f-m-c



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|--|----------|------|-------------|--------------|
| G | ELECTRIFICACION Y EQUIPAMIENTO DE POZO BATEY CONSTRUCCION, MUNICIPIO DE QUISQUEYA | | | | |
| I | INSTALACION ELECTRICA PRIMARIA | | | | |
| 1 | POSTE 25" CLASE III | 2.00 | U | 15,000.00 | 30,000.00 |
| 2 | CONDUCTOR THW NO.8 DESDE SERVICIO ELECTRICO A PANEL DE CONTROL. | 200.00 | PIES | 78.25 | 15,650.00 |
| 3 | ESTRUCTURA HA-100B (VIENTO COMPLETO) | 2.00 | U | 2,322.19 | 4,644.38 |
| 4 | ESTRUCTURA F1-BT | 3.00 | U | 1,200.00 | 3,600.00 |
| 5 | SERVICIO ELECTRICO | 1.00 | U | 4,500.00 | 4,500.00 |
| 6 | MEDICION ELECTRICO 220V | 1.00 | U | 3,000.00 | 3,000.00 |
| 7 | MANO DE OBRA | 1.00 | U | 10,000.00 | 10,000.00 |
| 8 | HOYO PARA POSTES | 1.00 | U | 589.82 | 589.82 |
| 9 | HOYO PARA VIENTOS | 2.00 | U | 589.82 | 1,179.64 |
| 10 | INSTALACION DE POSTES | 2.00 | U | 1,200.00 | 2,400.00 |
| II | ELECTRICACION SECUNDARIA. | | | | |
| 1 | TUBO IMC DE 1" X 10 | 2.00 | U | 480.56 | 961.12 |
| 2 | TUBO PVC DE 1 X 19 DESDE MEDIDOR HASTA NICHOS DE CONTROLES | 2.00 | U | 410.00 | 820.00 |
| 3 | CONDUCTOR VINIL NO.8/3 DESDE PANEL DE CONTROL HASTA EQUIPO DE BOMBEO | 300.00 | PIES | 85.26 | 25,578.00 |
| 4 | TUBO PVC DE 3/4" X 19 DESDE PANEL HASTA EQUIPO DE BOMBEO | 1.00 | U | 110.00 | 110.00 |
| 5 | TUBERIA LT 3/4" | 6.00 | PIES | 32.25 | 193.50 |
| 6 | CONECTOR PVC DE 1 | 2.00 | U | 125.00 | 250.00 |
| 7 | CONECTOR RECTO LT 3/4 | 4.00 | U | 60.23 | 240.92 |
| 8 | CONECTOR RECTO IMC 2" | 2.00 | U | 250.00 | 500.00 |
| 9 | ABRAZADERA EMT 2 | 4.00 | U | 6.25 | 25.00 |
| 10 | CURVA PVC 1" | 2.00 | U | 10.05 | 20.10 |
| 11 | CURVA PVC 3/4" | 3.00 | U | 5.20 | 15.60 |
| 12 | CONDULET IMC DE 1" | 1.00 | U | 305.50 | 305.50 |
| 13 | TAPE DE VINIL 3M SUPER 33 | 1.00 | U | 260.00 | 260.00 |
| 14 | TAPE DE GOMA 3M SUPER 23 | 1.00 | U | 800.00 | 800.00 |
| 15 | ESTRUCTURA AP-104 | 1.00 | U | 4,635.22 | 4,635.22 |
| 16 | MAIN BREAKER DE 40/2 AMPS. ENCLOSURE. | 1.00 | U | 1,100.00 | 1,100.00 |
| 17 | MANO DE OBRA (30%) | 0.30 | % | 31,179.74 | 9,353.92 |
| III | SUMINISTRO E INSTALACION DE ELECTROBOMBA | | | | |
| 1 | SUMINISTRO DE ELECTROBOMBA SUMERGIBLE 7.5 HP, EQUIPADO CON ARRANCADOR DIRECTO A LINEA. | 1.00 | U | 106,200.00 | 106,200.00 |
| 2 | INSTALACION DE ELECTROBOMBA Y ARRANCADOR | 1.00 | U | 20,000.00 | 20,000.00 |
| 3 | CABEZAL CUELLO DE GANZO 3" | 1.00 | U | 6,512.34 | 6,512.34 |
| 4 | NIPLE DE 3" X 12" SCH-80 CON PROTECCION ANTICOROSION PLATILLADO EN UN EXTREMO | 1.00 | U | 1,728.33 | 1,728.33 |
| | NIPLE DE 2 X 2 PLATILLADO EN UN EXTREMO | 1.00 | U | 961.28 | 961.28 |
| 5 | NIPLE DE 3" X 6" SCH-80 CON PROTECCION ANTICOROSION PLATILLADO EN AMBOS EXTREMOS | 1.00 | U | 1,553.78 | 1,553.78 |
| 7 | JUNTA MECANICA TIPO DRESSER 3" 150 PSI | 2.00 | U | 920.08 | 1,840.16 |
| 8 | VALVULA DE COMPUERTA 3" PLATILLADA VASTAGO ASCENDENTE Y COLOCACION 150 PSI | 1.00 | U | 13,450.95 | 13,450.95 |
| 9 | VALVULA DE AIRE 1" 150 PSI | 1.00 | U | 8,872.34 | 8,872.34 |
| 10 | VALVULA CHECK HORIZONTAL, Ø3" PLATILLADA COMPLETA 150 PSI | 1.00 | U | 11,208.95 | 11,208.95 |
| 11 | VALVULA DE 2" DE COMPUERTA PLATILLADA COMPLETA 150 PSI | 1.00 | U | 9,415.56 | 9,415.56 |

f-m-c



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|---|--|----------|------|-------------|-------------------|
| 12 | TEE 3 X 2 ACERO SCH-80 CON PROTECCION ANTICOROSION | 1.00 | U | 3,539.30 | 3,539.30 |
| 13 | ZETA DE 3" X 3 M ACERO SCH-80 CON PROTECCION ANTICOROSION P/INTERCONECTAR DESCARGA A LINEA DE IMPULSION Y COLOCACION | 1.00 | U | 3,739.30 | 3,739.30 |
| 14 | ANCLAJE HORMIGON ARMADO 0.5M X 0.5M (SEGUN DETALLE) | 1.00 | U | 3,500.00 | 3,500.00 |
| 15 | INSTALACION MANOMETRICA COMPLETA | 1.00 | U | 1,764.34 | 1,764.34 |
| 16 | MANO DE OBRAS CONSTRUCCION DE DESCARGA DE 3" | 1.00 | U | 10,000.00 | 10,000.00 |
| 17 | PINTURA AZUL PARA DESCARGA (OXIDO) | 1.00 | U | 1,500.00 | 1,500.00 |
| IV VERJA DE MURO DE BLOCK DE 6" Y BLOCK CALADO | | | | | |
| 1 | ZAPATA DE MURO (0.60 X 0.25), 0.87 QQ/M3 F'C=210 KG/CM2 INC. EXCAVACION | 7.15 | M3 | 7,244.68 | 51,799.46 |
| 2 | MURO DE BLOCK DE 6" SNP | 39.20 | M2 | 857.78 | 33,624.98 |
| 3 | MURO DE BLOCK CALADO | 19.20 | M2 | 1,043.89 | 20,042.69 |
| 4 | VIGA INFERIOR SOBRE NIVEL DE TERRENO (0.15 X 0.25), 4.20 QQ/M3 F'C=210 KG/CM2 | 1.07 | M3 | 22,403.98 | 24,028.27 |
| 5 | VIGA SUPERIOR (0.25 X 0.25), 2.27 QQ/M3 F'C=210 KG/CM2 | 2.54 | M3 | 16,097.68 | 40,847.86 |
| 6 | COLUMNA C2 0.25 X 0.25, 3.55 QQ/M3 F'C=210 KG/CM2 INC. ZAPATA | 12.00 | U | 16,904.28 | 202,851.36 |
| 7 | PUERTA DE MALLA CICLONICA | 1.00 | U | 24,449.42 | 24,449.42 |
| V SISTEMA DE CLORACION | | | | | |
| 1 | SUMINISTRO DE CLORADOR POR PASTILLA DIRECTO A LINEA | 1.00 | U | 7,699.50 | 7,699.50 |
| 2 | REGISTRO EN BLOCK DE 6" DE (1.00 X 1.00) PARA SISTEMA DE CLORACION (SEGUN DETALLE) | 1.00 | U | 19,024.07 | 19,024.07 |
| 3 | REDUCION DE Ø 4" X 2" PVC C/J.G | 2.00 | U | 736.00 | 1,472.00 |
| 4 | MANO DE OBRA INSTALACION CLORADOR | 1.00 | U | 2,303.73 | 2,303.73 |
| VI NICHOS PARA PANELES (1.20 X 1.20 X 1.80) M | | | | | |
| 1 | REPLANTEO | 1.00 | U | 500.00 | 500.00 |
| 2 | MOVIMIENTO DE TIERRA | 1.00 | U | 1,156.32 | 1,156.32 |
| 3 HORMIGON ARMADO EN: F'C=210 KG/CM2 | | | | | |
| 3.1 | ZAPATA MURO 0.87 QQ/M3 | 0.55 | M3 | 7,244.68 | 3,984.57 |
| 3.2 | VIGA AMARRE 0.15 x 0.20 - 4.57 QQ/M3 | 0.18 | M3 | 24,716.18 | 4,448.91 |
| 3.3 | LOSA DE TECHO 0.12 - 1.04 QQ/M3 | 0.84 | M3 | 7,328.10 | 6,155.60 |
| 4 MUROS DE BLOCKES: | | | | | |
| 4.1 | MURO BLOCK 6" SNP VIOLINADO 2 CARAS | 8.82 | M2 | 1,013.78 | 8,941.54 |
| 5 TERMINACIÓN DE SUPERFICIE: | | | | | |
| 5.1 | PAÑETE | 8.82 | M2 | 265.27 | 2,339.68 |
| 5.2 | PAÑETE TECHO | 2.25 | M2 | 275.54 | 619.97 |
| 5.3 | FINO DE TECHO | 2.25 | M2 | 433.09 | 974.45 |
| 5.4 | PISO HORMIGON SIMPLE | 2.25 | M2 | 605.09 | 1,361.45 |
| 5.5 | CANTOS | 12.00 | M | 68.67 | 824.04 |
| 6 | PUERTA DE BARRA CUADRADA DE (1.80 X 1.10), COMPLETA INC. INSTALACION | 1.00 | U | 10,325.00 | 10,325.00 |
| 7 | ACERA EXTERIOR 0.80 | 3.60 | M2 | 672.95 | 2,422.62 |
| SUB-TOTAL FASE G | | | | | 798,716.84 |

F.M.C



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-------|--|----------|--------|-------------|-------------------|
| H | DESMANTELAMIENTO DEPOSITO REGULADOR METALICO EXISTENTE CAP. 700,000 GLS | | | | |
| 1 | DESMANTELAMIENTO | | | | |
| 1.1 | EQUIPO DE CORTE (2 U) | 15.00 | DIAS | 1,800.00 | 27,000.00 |
| 1.2 | MATERIALES (OXIGENO, ACETILENO) | 15.00 | DIAS | 5,385.00 | 80,775.00 |
| 2 | MANO DE OBRA | | | | |
| 2.1 | SOLDADOR CORTADOR (2 HB) | 15.00 | DIAS | 3,600.00 | 54,000.00 |
| 2.2 | AYUDANTE (5 HB) | 15.00 | DIAS | 4,235.00 | 63,525.00 |
| 3 | PERSONAL DE APOYO | | | | |
| 3.1 | OBREROS (2HB) | 15.00 | DÍA | 1,145.28 | 17,179.20 |
| 3.2 | PLOMERO | 5.00 | DÍA | 1,500.00 | 7,500.00 |
| 4 | USO DE EQUIPO | | | | |
| 4.1 | USO DE GRUA 20 TON | 15.00 | DIAS | 12,500.00 | 187,500.00 |
| 4.2 | USO DE PLATAFORMA ARTICULADA DE 50' | 15.00 | DIAS | 10,500.00 | 157,500.00 |
| 5 | EQUIPO DE SEGURIDAD INDUSTRIAL (ARNES, CASCOS, GUANTES, CUERDAS, LENTES DE SOLDAR Y OTROS) | 1.00 | U | 2,500.00 | 2,500.00 |
| 6 | DESMONTE DE VÁLVULAS DE COMPUERTA Ø 16" Y Ø 12" | 3.00 | U | 1,221.67 | 3,665.01 |
| 7 | TRASLADO DE MATERIAL DESMANTELADO (A ALMACEN DEL INAPA AUTOPISTA DUARTE KM 18 INCLUYE CARGUIO, TRASLADO Y DESMONTE ORDENADO) | 3.00 | VIAJES | 15,000.00 | 45,000.00 |
| 8 | PROTECCION AREA PERIMETRAL P/EVITAR VISIBILIDAD C/ZINC | 80.00 | M | 795.76 | 63,660.80 |
| 9 | ALQUILER DE ANDAMIOS 6 TORRES (1 MES TODO COSTO) INC. TRANSPORTE | 1.00 | U | 30,000.00 | 30,000.00 |
| | SUB-TOTAL FASE H | | | | 739,805.01 |
| I | CONSTRUCCION OFICINA COMERCIAL | | | | |
| 1 | CONTRUCCION OFICINA | | | | |
| 1 | PRELIMINARES | | | | |
| 1.1 | CASETA PARA MATERIALES | 1.00 | U | 31,613.72 | 31,613.72 |
| 1.2 | REPLANTEO INCL.PRIMERA Y SEGUNDA PLANTA, ESCALERA AL TECHO | 1.00 | U | 10,000.00 | 10,000.00 |
| 2 | MOVIMIENTO DE TIERRA | | | | |
| 2.1 | EXCAVACIÓN MATERIAL A MANO | 51.01 | M3 | 278.65 | 14,213.94 |
| 2.2 | RELLENO COMPACTADO A MANO | 23.03 | M3 | 72.67 | 1,673.59 |
| 2.3 | BOTE DE MATERIAL CON CAMION (INCLUYE CARGUIO) D=5 KM | 33.58 | M3 | 124.94 | 4,195.49 |
| 3 | HORMIGON ARMADO EN: F'C=210 KG/CM2 | | | | |
| 3.1 | ZAPATA DE MUROS DE 0.20 - 1.58 QQ/M3 | 14.70 | M3 | 8,998.38 | 132,276.19 |
| 3.2 | ZAPATA DE MUROS DE 0.10 - 0.65 QQ/M3 | 0.52 | M3 | 6,701.28 | 3,484.67 |
| 3.3 | VIGA RIOSTRA (0.20 x 0.20) - 3.94 QQ/M3 | 3.92 | M3 | 21,077.58 | 82,624.11 |
| 3.4 | COLUMNAS CF1 (0.20X0.20) - 3.95 QQ/M3 | 1.20 | M3 | 23,295.88 | 27,955.06 |
| 3.5 | VIGA DINTEL DE VENTANAS (0.20X0.30) - 2.62 QQ/M3 | 1.78 | M3 | 15,734.68 | 28,007.73 |
| 3.6 | VIGA DINTEL DE PUERTAS (0.20X0.30) - 2.62 QQ/M3 | 1.02 | M3 | 15,734.68 | 16,049.37 |
| 3.7 | LOSA DE TECHO e=0.15 -1.33 QQ/M3 | 19.95 | M3 | 10,048.38 | 200,465.18 |
| 3.8 | LOSA DE ENTREPISO e=0.15 -1.40 QQ/M3 | 19.95 | M3 | 10,221.28 | 203,914.54 |
| 3.9 | TECHO DE ESCALERA 0.15-1.33 QQ/M3 | 0.86 | M3 | 10,048.38 | 8,641.61 |
| 3.10 | VIGA 1 (0.20x 0.50) - 3.02 QQ/M3 | 0.82 | M3 | 15,055.18 | 12,345.25 |
| 3.11 | VIGA 2 (0.20x 0.50) - 3.02 QQ/M3 | 0.92 | M3 | 15,055.18 | 13,850.77 |
| 3.12 | VIGA 3 (0.20x 0.30) - 3.27 QQ/M3 | 0.27 | M3 | 17,340.18 | 4,681.85 |
| 3.13 | VIGA 4 (0.20x 0.50) - 3.02 QQ/M3 | 0.50 | M3 | | |
| 3.14 | VUELOS PRIMER Y SEGUNDO NIVEL (SOBRE VENTANA)-0.10-1.18QQ/M3 | 2.14 | M3 | 10,880.88 | 23,285.08 |
| 4 | MUROS DE BLOQUES (B.N.P Y S.N.P): | | | | |
| 4.1 | BLOCKS DE 8" (B.N.P.) | 75.21 | M2 | 919.30 | 69,140.55 |
| 4.2 | BLOCKS DE 4" (B.N.P.) | 2.40 | M2 | 941.79 | 2,260.30 |
| 4.3 | BLOCKS DE 8",3 LINEAS ANTES DE TORTA DE PISO DE 0.20M C/Ø3/8" @ 0.80M (S.N.P.) | 75.26 | M2 | 941.79 | 70,879.12 |
| 4.4 | BLOCKS DE 4" DE 0.10M C/Ø3/8" @ 0.80M (S.N.P.) | 12.02 | M2 | 941.79 | 11,320.32 |



f. n. e.

| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|---|--|----------|------|-------------|--------------|
| 4.5 | BLOCKS DE 8", 0.20M C/Ø3/8" @ 0.80M (S.N.P) INCL PRIMER Y SEGUNDO NIVEL | 498.50 | M2 | 941.79 | 469,482.32 |
| 4.6 | BLOCKS DE 8", 0.20M C/Ø3/8" @ 0.80M (S.N.P) ANTEPECHO Y ESCALERA TERCER NIVEL | 96.36 | | 941.79 | 90,750.88 |
| 5 TERMINACION DE SUPERFICIE | | | | | |
| 5.1 | PAÑETE DE MURO INTERIOR | 863.58 | M2 | 275.54 | 237,950.83 |
| 5.2 | PAÑETE EXTERIOR EN MUROS | 420.04 | M2 | 265.27 | 111,424.01 |
| 5.3 | CANTOS | 635.00 | M | 68.67 | 43,605.45 |
| 6 TERMINACION DE PISOS Y REVESTIMIENTOS EN AREA | | | | | |
| 6.1 | PORCELANATO COLOR CREMA MATE DE ALTO TRANSITO (60 X 60) EN OFICINA Y CIRCULACION | 228.59 | M2 | 1,213.82 | 277,467.11 |
| 6.2 | PORCELANATO COLOR GRIS DE ALTO TRANSITO (30 X30) EN BAÑO | 12.50 | M2 | 1,772.86 | 22,160.75 |
| 6.3 REVESTIMIENTO EN PARED DE | | | | | |
| 6.3.1 | COCINA Y BAÑO | 95.11 | M2 | 860.74 | 81,864.98 |
| 7.1 ESCALERA DESDE PRIMER NIVEL HASTA TERCER NIVEL | | | | | |
| 7.1.1 | MOVIMIENTO DE TIERRA | 1.00 | U | 578.16 | 578.16 |
| 7.1.2 | H.A EN ZAPATA-0.80 QQ/M3 F'C=210 KG/CM2 | 0.21 | M3 | 7,071.78 | 1,485.07 |
| 7.1.3 | DESCANSO H.A F'C=210 KG/CM2 | 0.19 | M3 | 11,677.28 | 2,218.68 |
| 7.1.4 | RAMPA E=0.15 -1.30 QQ/M3 F'C=210 KG/CM2 | 1.57 | M3 | 9,973.45 | 15,658.32 |
| 7.1.5 | H.S EN ESCALONES H=0.18; | 0.93 | M3 | 4,853.13 | 4,513.41 |
| 7.1.6 | BARANDA DESDE PRIMERA PLANTA A TERCERA 23 M | 1.00 | U | 12,000.00 | 12,000.00 |
| 7.2 TERMINACION EN ESCALERA (PORCELANATO EN ESCALERA PRINCIPAL (REVESTIMIENTO COMPLETO EN ESCALERA)) | | | | | |
| 7.2.1 | HUELLAS Y CONTRAHUELLAS | 17.00 | U | 790.00 | 13,430.00 |
| 7.2.2 | ZOCALOS DE 0.10 | 12.97 | M | 291.89 | 3,785.81 |
| 7.2.3 | DESCANSO DE (1.20X1.05) | 1.00 | U | 781.01 | 781.01 |
| 7.2.4 | MORTERO DE COLOCACION TOPES EN ESCALERAS | 1.00 | U | 3,000.00 | 3,000.00 |
| 7.2.5 | MAESTRO | 3.00 | DIA | 1,500.00 | 4,500.00 |
| 7.2.6 | OBREROS (2 HBS. @ RD\$650.00 C/HB./DIA) | 3.00 | DIA | 1,145.28 | 3,435.84 |
| 7.2.7 PORCELANATO EN ESCALERA QUE SUBE AL TECHO (REVESTIMIENTO COMPLETO EN ESCALERA) | | | | | |
| 7.2.7.1 | HUELLAS Y CONTRAHUELLAS | 15.00 | U | 790.00 | 11,850.00 |
| 7.2.7.2 | ZOCALOS DE 0.10 | 10.91 | M | 291.89 | 3,184.52 |
| 7.2.7.3 | MORTERO DE COLOCACION TOPES EN ESCALERAS | 1.00 | U | 3,000.00 | 3,000.00 |
| 7.2.7.4 | MAESTRO | 3.00 | DIA | 1,500.00 | 4,500.00 |
| 7.2.7.5 | OBREROS (2 HBS. @ RD\$650.00 C/HB./DIA) | 3.00 | DIA | 1,145.28 | 3,435.84 |
| 8 PUERTA, VENTANAS CORREDERAS, VIDRIOS FIJOS | | | | | |
| 8.1 PUERTA FLOTANTE DOBLE 3/8 CLARO C/VID. LISO 3/8 CLARO (1.80X2.10) 2 HUECOS | | | | | |
| 8.1 | PUERTA FLOTANTE DOBLE 3/8 CLARO C/VID. LISO 3/8 CLARO (1.80X2.10) 2 HUECOS | 2.00 | U | 81,822.44 | 163,644.88 |
| 8.2 PUERTA FLOTANTE 3/8 CLARO C/VID. TEMPLADO 3/8 CLARO (0.90X2.10) 2 HUECOS | | | | | |
| 8.2 | PUERTA FLOTANTE 3/8 CLARO C/VID. TEMPLADO 3/8 CLARO (0.90X2.10) 2 HUECOS | 12.00 | U | 47,401.21 | 568,814.52 |
| 8.3 PUERTA FLOTANTE 3/8 CLARO C/VID. TEMPLADO 3/8 CLARO (0.80X2.10) 2 HUECOS | | | | | |
| 8.3 | PUERTA FLOTANTE 3/8 CLARO C/VID. TEMPLADO 3/8 CLARO (0.80X2.10) 2 HUECOS | 3.00 | U | 45,540.93 | 136,622.79 |
| 8.4 VENTANAS CORREDERAS, | | | | | |
| 8.4.1 CORREDERA TRADICIONAL PLATA C/ VID. LISO 3/16 BCE (1.10X1.40)- | | | | | |
| 8.4.1 | CORREDERA TRADICIONAL PLATA C/ VID. LISO 3/16 BCE (1.10X1.40)- | 18.00 | U | 8,201.78 | 147,632.04 |
| 8.4.2 CORREDERA TRADICIONAL PLATA C/ VID. LISO 3/16 BCE (0.60X0.70) | | | | | |
| 8.4.2 | CORREDERA TRADICIONAL PLATA C/ VID. LISO 3/16 BCE (0.60X0.70) | 1.00 | U | 5,600.85 | 5,600.85 |
| 8.5 VIDRIOS | | | | | |
| 8.5.1 VIDRIO LISO 3/16 BCE, 1.90X0.70 | | | | | |
| 8.5.1 | VIDRIO LISO 3/16 BCE, 1.90X0.70 | 1.00 | U | 2,506.25 | 2,506.25 |
| 8.5.2 MARCO FIJO P40 PLATA | | | | | |
| 8.5.2 | MARCO FIJO P40 PLATA | 5.00 | U | 6,398.64 | 31,993.20 |
| 8.5.3 PISA VID. RECTO P40 PLATA | | | | | |
| 8.5.3 | PISA VID. RECTO P40 PLATA | 5.00 | U | 10,764.64 | 53,823.20 |
| 8.5.4 INSTALACION | | | | | |
| 8.5.4 | INSTALACION | 1.00 | U | 50,000.00 | 50,000.00 |
| 8.5.5 TRANSPORTE | | | | | |
| 8.5.5 | TRANSPORTE | 1.00 | U | 7,500.00 | 7,500.00 |
| 9 PUERTAS EN BAÑOS EN MADERA PINO TRATADO, PINTADO COLOR CAOBA | | | | | |
| 9.1 PUERTAS EN PINO TRATADO DE (1.60X0.70) | | | | | |
| 9.1 | PUERTAS EN PINO TRATADO DE (1.60X0.70) | 2.00 | U | 3,500.00 | 7,000.00 |

f.m.c



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-------------|---|----------|-------|-------------|---------------------|
| 10 | TERMINACION EXTERIOR | | | | |
| 10.1 | ACERA PERIMETRAL | 43.00 | M2 | 672.95 | 28,936.85 |
| 10.2 | FLORA ORNAMENTARIA | | | | |
| 10.2.1 | GRAMA | 1.00 | U | 1,500.00 | 1,500.00 |
| 10.3.1 | PALMAS ENANAS | 4.00 | U | 150.00 | 600.00 |
| 10.4.1 | TRINITARIA | 5.00 | U | 150.00 | 750.00 |
| 10.5.1 | CORALILLOS | 5.00 | U | 50.00 | 250.00 |
| 11 | ACCESO PEATONAL | | | | |
| 11.1 | HORMIGON SIMPLE F'C=210 KG/CM2 - 0.10 | 0.76 | M3 | 4,853.13 | 3,688.38 |
| 12 | AREA DE PARQUEO | | | | |
| 12.1 | SUMINISTRO ASFALTO DE 2" (CUBICAR SEGUN REPORTE DE LA SUPERVICION) | 6.78 | M3 | 7,670.00 | 52,002.60 |
| 12.2 | TRANSPORTE DE ASFALTO DE 2" (CUBICAR SEGUN REPORTE DE LA SUPERVICION) | 474.87 | M3/KM | 17.00 | 8,072.79 |
| 12.3 | COLOCACION ASFALTO (CUBICAR SEGUN REPORTE DE LA SUPERVICION) | 6.78 | M3 | 602.03 | 4,081.76 |
| 12.4 | DEMARCAIONES. EN PINTURA DE ALTO TRANSITO | 1.00 | U | 2,000.00 | 2,000.00 |
| 13 | SUM. E INSTALACIONES SANITARIAS | | | | |
| 13.1 | INODOROS FLUXOMETRO BCO.(INC VALVULA FLUXOMETRO 3/4" P/INOD. HELVEX | 4.00 | U | 3,800.00 | 15,200.00 |
| 13.2 | LAVAMANOS PEDESTAL BCO. ROYAL OVALADO | 2.00 | M2 | 2,500.00 | 5,000.00 |
| 13.3 | LAVAMANOS SIMPLE, DEBAJO DE LA ESCALERA | 1.00 | U | 2,800.00 | 2,800.00 |
| 13.4 | FREGADERO DOBLE | 1.00 | U | 2,200.00 | 2,200.00 |
| 13.5 | TRAMPA DE GRASA (SEGUN DETALLE) | 1.00 | U | 7,258.50 | 7,258.50 |
| 13.6 | REGILLA PARA DESAGUE DE PISO EN TUBERIA DE 3" | 3.00 | U | 225.00 | 675.00 |
| 13.7 | SIFON DE 3" | 3.00 | U | 89.59 | 268.77 |
| 13.8 | SEPTICO (SEGUN DETALLE) | 1.00 | U | 17,238.70 | 17,238.70 |
| 13.9 | CAJA DE INSPECCION (SEGUN DETALLE) | 7.00 | U | 2,796.97 | 19,578.79 |
| 13.10 | TUBERIA DE 4",PVC SDR-32.5 | 43.86 | M | 208.20 | 9,131.65 |
| 13.11 | TUBERIA DE 3",PVC SDR-32.5 | 17.10 | M | 125.38 | 2,144.00 |
| 13.12 | TUBERIA DE 2",PVC SDR-21 | 3.32 | M | 103.25 | 342.79 |
| 13.13 | YEE 4X3 PVC DRENAJE | 2.00 | U | 187.25 | 374.50 |
| 13.14 | YEE 3X3 PVC DRENAJE | 7.00 | U | 160.25 | 1,121.75 |
| 13.15 | CODOS 4X90 PVC DRENAJE | 4.00 | U | 220.36 | 881.44 |
| 13.16 | CODOS 3X90 PVC DRENAJE | 4.00 | U | 169.25 | 677.00 |
| 13.17 | CODOS 3X45 PVC DRENAJE | 8.00 | U | 135.56 | 1,084.48 |
| 13.18 | CODOS 2X45 PVC DRENAJE | 4.00 | U | 47.25 | 189.00 |
| 13.19 | DESAGUE PLUVIAL 4" PVC | 27.20 | M | 198.70 | 5,404.64 |
| 13.20 | VENTILACION DE 3" PVC SDR-26 | 27.20 | M | 149.08 | 4,054.98 |
| 13.21 | REGILLA PARA DESAGUES EN VERTEDERO EN TUB DE 2" | 2.00 | U | 147.50 | 295.00 |
| 13.22 | SIFON DE 2" | 2.00 | U | 59.00 | 118.00 |
| 13.23 | TUBERIA DE 3/4" SCH-40 | 35.84 | M | 265.50 | 9,515.52 |
| 13.24 | TUBERIA DE 1/2" SCDH-40 | 11.17 | M | 206.50 | 2,306.61 |
| 13.25 | TUBERIA DE 1" SCH-40 | 15.17 | M | 401.20 | 6,086.20 |
| 13.26 | CODOS 3/4"X90 PVC | 1.00 | U | 9.44 | 9.44 |
| 13.27 | CODO 1/2"X90 PVC | 14.00 | U | 8.26 | 115.64 |
| 13.28 | RED 3/4"A1/2" PVC | 7.00 | U | 8.26 | 57.82 |
| 13.29 | RED 3/4"A1" PVC | 1.00 | U | 11.80 | 11.80 |
| 13.30 | VALVULAS 1/2" | 1.00 | U | 59.00 | 59.00 |
| 13.31 | VALVULAS 3/4" | 3.00 | U | 76.70 | 230.10 |
| 13.32 | MANO DE OBRA | 1.00 | U | 25,000.00 | 25,000.00 |
| 14 | LIMPIEZA FINAL | 1.00 | U | 5,000.00 | 5,000.00 |
| | SUB-TOTAL FASE I | | | | 3,820,392.66 |

J. M. C.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|---|----------|------|-------------|-------------------|
| J | ELECTRIFICACION OFICINA COMERCIAL | | | | |
| I | ELECTRIFICACION PRIMARIA | | | | |
| 1 | POSTES DE H.A V - 35', 500 DAM | 2.00 | U | 18,000.00 | 36,000.00 |
| 2 | CONDUCTOR AAA/C # 1/0 | 100.00 | PIE | 83.25 | 8,325.00 |
| 3 | ESTRUCTURA MT-101 | 1.00 | U | 1,216.38 | 1,216.38 |
| 4 | ESTRUCTURA MT-105 | 2.00 | U | 2,031.00 | 4,062.00 |
| 5 | ESTRUCTURA PR-101 (ATERRIZAJE COMPLETO). | 1.00 | U | 2,538.00 | 2,538.00 |
| 6 | ESTRUCTURA HA-100B | 2.00 | U | 1,994.35 | 3,988.70 |
| 7 | TRANSFORMADOR DE 37.5 KVA, 1Ø, 7200/240-480V, TIPO POSTE, (SUMERGIDO EN ACEITE) | 1.00 | U | 5,736.00 | 5,736.00 |
| 8 | CUT-OUT DE 100 AMP. | 1.00 | U | 4,500.00 | 4,500.00 |
| 9 | PARARRAYOS DE 9KV | 1.00 | U | 1,400.00 | 1,400.00 |
| 10 | HOYOS PARA POSTES | 2.00 | U | 589.82 | 1,179.64 |
| 11 | HOYOS PARA VIENTOS | 2.00 | U | 589.82 | 1,179.64 |
| 12 | IZAJE DE POSTES | 2.00 | U | 1,500.00 | 3,000.00 |
| 13 | MANO DE OBRA ELECTRICA PRIMARIA 20% | 0.20 | % | 19,961.00 | 3,992.20 |
| | SUB TOTAL I | | | | 77,117.56 |
| II | ELECTRIFICACION SECUNDARIA E ILUMINACION EXTERIOR | | | | |
| 1 | CONDULET IMC Ø2" | 1.00 | U | 210.30 | 210.30 |
| 2 | TUBERIA IMC Ø2" X 10' | 2.00 | U | 1,065.00 | 2,130.00 |
| 3 | TERMINAL RECTO IMC Ø2" | 1.00 | U | 250.00 | 250.00 |
| 4 | CURVA PVC Ø1" | 4.00 | U | 10.05 | 40.20 |
| 5 | CURVA PVC Ø1 1/2" | 2.00 | U | 10.25 | 20.50 |
| 6 | CURVA PVC Ø2" | 2.00 | U | 40.25 | 80.50 |
| 7 | TUBERIA PVC SDR-26, Ø1" X 19' | 10.00 | U | 210.00 | 2,100.00 |
| 8 | TUBERIA PVC SDR-26, Ø1 1/2" X 19' | 7.00 | U | 320.00 | 2,240.00 |
| 9 | TUBERIA PVC SDR-26, Ø2" X 19' | 6.00 | U | 405.00 | 2,430.00 |
| 10 | TUBERIA FLEXIBLE LICUIT-TIGH Ø1" | 40.00 | PIE | 40.23 | 1,609.20 |
| 11 | TERMINAL RECTO FLEXIBLE LICUIT - TIGHT Ø1" | 2.00 | U | 90.25 | 180.50 |
| 12 | TERMINAL CURVO LICUIT - TIGHT Ø1" | 2.00 | U | 110.05 | 220.10 |
| 13 | CONDUCTOR THWN No. 2/0 | 200.00 | PIE | 130.45 | 26,090.00 |
| 14 | CONDUCTOR THWN No. 2 | 200.00 | PIE | 55.89 | 11,178.00 |
| 15 | CONDUCTOR THWN No. 4 | 380.00 | PIE | 36.98 | 14,052.40 |
| 16 | CONDUCTOR THWN # 6 | 150.00 | PIE | 20.66 | 3,099.00 |
| 17 | CONDUCTOR THWN # 8 | 60.00 | PIE | 13.25 | 795.00 |
| 18 | CONDUCTOR THWN # 10 | 30.00 | PIE | 8.25 | 247.50 |
| 19 | CONDUCTOR DE VINIL 10/2 | 500.00 | PIE | 35.25 | 17,625.00 |
| 20 | ENCLOSE BREAKER 175/2 AMP., 240 V, NEMA 3R | 1.00 | U | 4,000.00 | 4,000.00 |
| 21 | PANEL BOARD CON 1 BREAKER DE 100/2 AMP., 1 BREAKER DE 70/2 AMP. Y 1 BREAKER 30/2 AMP. | 1.00 | U | 2,500.00 | 2,500.00 |
| 22 | MANO DE OBRA ELECTRICA SECUNDARIA (30%) | 0.30 | % | 91,098.20 | 27,329.46 |
| 23 | EXCAVACION 0.6 M X 0.4 M X 50 M | 12.00 | M3 | 278.65 | 3,343.80 |
| 24 | REGISTRO EN (BLOCK) (0.6 X 0.6 X 1.00)M | 3.00 | U | 75,414.05 | 226,242.15 |
| 25 | POSTES DE H.A V - 30', 300 DAM | 3.00 | U | 15,000.00 | 45,000.00 |
| 26 | HOYOS PARA POSTES | 3.00 | U | 589.82 | 1,769.46 |
| 27 | INSTALACION DE POSTES | 3.00 | U | 1,800.00 | 5,400.00 |
| 28 | SUM. Y COLOC. DE LAMPARA HPS, 175 W, TIPO COBRA | 4.00 | U | | |
| | SUB TOTAL II | | | | 400,183.07 |
| III | SUMINISTRO E INSTALACION DE GENERADOR ELECTRICO | | | | |
| 1 | SUMINISTRO DE GENERADOR ELECTRICO DE EMERGENCIA PARA INTERPERIE DE 40 KW, 1Ø, 120/240V, 60 HZ, 1800 RPM | 1.00 | U | 501,500.00 | 501,500.00 |
| 2 | INSTALACION GENERADOR ELECTRICO | 1.00 | U | 40,000.00 | 40,000.00 |
| 3 | SUM. Y COLOC. TANQUE COMB. 500 GLS (LLENO EN SITIO) | 1.00 | U | 177.00 | 177.00 |
| 4 | CONSTRUCCION SISTEMA ESCAPE GASES | 1.00 | U | 15,000.00 | 15,000.00 |
| 5 | CONSTRUCCION SISTEMA ALIMENTACION COMBUSTIBLE | 1.00 | U | 10,000.00 | 10,000.00 |
| 6 | CONDUCTOR THWN # 2/0 | 120.00 | PIE | 130.45 | 15,654.00 |
| 7 | CONDUCTOR THWN # 2 | 120.00 | PIE | 55.89 | 6,706.80 |
| 8 | MAIN BREAKER ENCLOSURE DE 160/2 AMPS | 1.00 | U | 3,500.00 | 3,500.00 |

f-19-c



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-----------|---|----------|------|-------------|----------------------|
| 10 | TRANSFER SWITCH MANUAL 200/2 AMP, 240V, 1Ø, NEMA 3R | 1.00 | U | 10,500.00 | 10,500.00 |
| 11 | TUBERIA FLEXIBLE LICUIT TIGHT Ø2" | 80.00 | PIE | 40.23 | 3,218.40 |
| 12 | TERMINAL RECTO LICUIT TIGHT Ø2" | 2.00 | U | 90.25 | 180.50 |
| 13 | TERMINAL CURVO LICUIT TIGHT Ø2" | 2.00 | U | 110.05 | 220.10 |
| 14 | CONECTOR PARA CONDUCTOR THW # 2/0 | 2.00 | U | 150.00 | 300.00 |
| 15 | CONECTOR PARA CONDUCTOR THW # 2 | 2.00 | U | 85.00 | 170.00 |
| 16 | TAPE GOMA ELECTRICO SUPERIOR | 1.00 | U | 800.00 | 800.00 |
| 17 | TAPE PLASTICO ELECTRICO SUPERIOR | 2.00 | U | 250.00 | 500.00 |
| 18 | MANO DE OBRA ELECTRICA (30%) | 0.30 | % | 51,749.80 | 15,524.94 |
| | SUB TOTAL III | | | | 623,951.74 |
| IV | ELECTRIFICACION A OFICINA COMERCIAL (1ER NIVEL) | | | | |
| 1 | SALIDAS LUCES CENITALES DE TECHO | 4.00 | U | 1,567.00 | 6,268.00 |
| 2 | SALIDAS LUCES CENITALES C/LAMPARAS FLUOR. 2X2 DE 32W. | 5.00 | U | 3,572.15 | 17,860.75 |
| 3 | SALIDAS LUCES CENITALES C/LAMPARAS FLUOR. 2X4 DE 32W. | 14.00 | U | 4,159.25 | 58,229.50 |
| 4 | SALIDAS TOMA-CORRIENTES, 120 V, DOBLES | 23.00 | U | 1,184.78 | 27,249.94 |
| 5 | SALIDAS TOMA-CORRIENTES, 120 V, DOBLES (UPS) | 6.00 | U | 1,533.78 | 9,202.68 |
| 6 | SALIDAS TOMA-CORRIENTES, 220 V, (A/A) | 4.00 | U | 2,318.69 | 9,274.76 |
| 7 | SALIDAS INTERRUPTOR SENCILLOS | 8.00 | U | 1,043.28 | 8,346.24 |
| 8 | SALIDAS INTERRUPTOR DOBLES | 2.00 | U | 1,214.28 | 2,428.56 |
| 9 | SALIDAS INTERRUPTOR TREE-WAY | 3.00 | U | 1,294.28 | 3,882.84 |
| 10 | PANEL DE BREAKERS DE 24 CIRCUITOS, BIFASICO, 120/240V (INC. BREAKERS E INSTALACION) | 1.00 | U | 8,859.24 | 8,859.24 |
| | SUB-TOTAL IV | | | | 151,602.51 |
| V | ELECTRIFICACION A OFICINA COMERCIAL (2DO NIVEL) | | | | |
| 1 | SALIDAS LUCES CENITALES DE PARED | 2.00 | U | 1,791.00 | 3,582.00 |
| 2 | SALIDAS LUCES CENITALES C/LAMPARAS FLUOR. 2X2 DE 32W. | 1.00 | U | 3,572.15 | 3,572.15 |
| 3 | SALIDAS LUCES CENITALES C/LAMPARAS FLUOR. 2X4 DE 32W. | 20.00 | U | 4,159.25 | 83,185.00 |
| 4 | SALIDAS TOMA-CORRIENTES, 120 V, DOBLES | 33.00 | U | 1,184.78 | 39,097.74 |
| 5 | SALIDAS TOMA-CORRIENTES, 120 V, DOBLES (UPS) | 7.00 | U | 1,533.78 | 10,736.46 |
| 6 | SALIDAS TOMA-CORRIENTES, 220 V, (A/A) | 7.00 | U | 2,318.69 | 16,230.83 |
| 7 | SALIDAS INTERRUPTOR SENCILLOS | 6.00 | U | 1,043.28 | 6,259.68 |
| 8 | SALIDAS INTERRUPTOR DOBLES | 1.00 | U | 1,214.28 | 1,214.28 |
| 9 | SALIDAS INTERRUPTOR TRIPLES | 1.00 | U | 1,249.28 | 1,249.28 |
| 10 | SALIDAS INTERRUPTOR TREE-WAY | 1.00 | U | 1,294.28 | 1,294.28 |
| 11 | PANEL DE BREAKERS DE 24 CIRCUITOS, BIFASICO, 120/240V (INC. BREAKERS E INSTALACION) | 1.00 | U | 8,859.24 | 8,859.24 |
| | SUB-TOTAL V | | | | 175,280.94 |
| VI | ELECTRIFICACION A ALMACEN DE OPERACIONES | | | | |
| 1 | SALIDAS LUCES CENITALES | 8.00 | U | 1,567.00 | 12,536.00 |
| 2 | SALIDAS TOMA-CORRIENTES, 120 V, DOBLES | 7.00 | U | 1,184.78 | 8,293.46 |
| 3 | SALIDAS TOMA-CORRIENTES, 220 V, (A/A) | 1.00 | U | 2,318.69 | 2,318.69 |
| 4 | SALIDAS INTERRUPTOR SENCILLOS | 4.00 | U | 1,043.28 | 4,173.12 |
| 5 | SALIDAS INTERRUPTOR DOBLES | 2.00 | U | 1,214.28 | 2,428.56 |
| 6 | PANEL DE BREAKERS DE 12 CIRCUITOS, BIFASICO, 120/240V (INC. BREAKERS E INSTALACION) | 1.00 | U | 4,318.37 | 4,318.37 |
| | SUB-TOTAL VI | | | | 34,068.20 |
| | SUB-TOTAL FASE J | | | | 1,462,204.02 |
| Z | VARIOS | | | | |
| 1 | VALLA ANUNCIANDO OBRA 16' X 10' IMPRESION FULL COLOR CONTENIENDO LOGO DE INAPA, NOMBRE DE PROYECTO Y CONTRATISTA. ESTRUCTURA EN TUBOS GALVANIZADOS 1 1/2" X 1 1/2" Y SOPORTES EN TUBO CUAD. 4" X 4" | 1.00 | U | 42,500.00 | 42,500.00 |
| 2 | LETRERO ARTISTICO EN FACHADA EN OFICINA COMERCIAL (CUBICAR CONTRA FACTURA) | 1.00 | U | 29,800.00 | 29,800.00 |
| 3 | ROTULO DE CADA ESPACIO EN OFICINA COMERCIAL (LETRERO) | 21.00 | U | 1,156.00 | 24,276.00 |
| 4 | CAMPAMENTO | 1.00 | U | 121,345.28 | 121,345.28 |
| | SUB - TOTAL FASE Z | | | | 217,921.28 |
| | SUB - TOTAL GENERAL | | | | 21,212,869.82 |

J.M.C



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|------------|--|----------|------|-------------|----------------------|
| | SUB - TOTAL GENERAL | | | | 21,212,869.82 |
| | GASTOS INDIRECTOS | | | | |
| | HONORARIOS PROFESIONALES | 10.00% | | | 2,121,286.98 |
| | TRANSPORTE | 2.50% | | | 530,321.75 |
| | SUPERVISI3N | 5.00% | | | 1,060,643.49 |
| | LEY 6-86 | 1.00% | | | 212,128.70 |
| | SEGURO POLIZA Y FIANZA | 4.00% | | | 848,514.79 |
| | GASTOS ADMINISTRATIVO | 4.00% | | | 848,514.79 |
| | ITBIS DE LOS HONORARIOS PROFESIONALES | 18.00% | | | 381,831.66 |
| | CODIA | 0.10% | | | 21,212.87 |
| | IMPREVISTOS | 10.00% | | | 2,121,286.98 |
| | MANTENIMIENTO Y OPERACION SISTEMAS INAPA | 10.00% | | | 2,121,286.98 |
| | COMPLETIVO TRANSPORTE EQUIPOS A OBRA | 100.00% | UD | 40,000.00 | 40,000.00 |
| | TRANSPORTE DE POSTE A LA OBRA | 100.00% | UD | 10,000.00 | 10,000.00 |
| | SUB - TOTAL GASTOS INDIRECTOS | | | | 10,317,028.99 |
| I | AFORO Y LIMPIEZA CAMPO DE POZOS QUISQUEYA Y BATEY SACA LENGUA | | | | |
| 1 | PRUEBA DE AFORO (24 HORAS) (CAUDAL MAXIMO ESTIMADO DE AFORO 800 GPM) | 4.00 | U | 70,000.00 | 280,000.00 |
| 2 | LIMPIEZA Y DESARROLLO DE POZOS EXISTENTE | 4.00 | U | 15,000.00 | 60,000.00 |
| 3 | ANALISIS FISICO QUIMICO Y BACTERIOLOGICO, (INC. MUESTRA, TRASLADO AL LABORATORIO Y RESULTADOS) | 1.00 | UD | 9,500.00 | 9,500.00 |
| 4 | INFORME FINAL INCLUYE RECOMENDACIONES | 1.00 | UD | 7,000.00 | 7,000.00 |
| | SUB-TOTAL AFORO Y LIMPIEZAS DE POZOS EXISTENTES | | | | 356,500.00 |
| II | PERFORACION Y AFORO DE POZO, COMUNIDAD BATEY SACA LENGUA. (NUEVO) | | | | |
| 1 | PERFORACION CON MAQUINA DE PERCUSION PARA ENCAMISAR EN Ø 8" | 200.00 | PIES | 500.00 | 100,000.00 |
| 2 | ENCAMISADO EN Ø 8" PVC SDR-26 | 200.00 | PIES | 80.00 | 16,000.00 |
| 3 | RANURADO Ø 8" PVC | 120.00 | PIES | 60.00 | 7,200.00 |
| 4 | SUMINISTRO DE TUBERIA DE Ø 8" PVC SDR-26 | 200.00 | PIES | 270.62 | 54,124.00 |
| 5 | PRUEBA DE AFORO (24 HORAS) (CAUDAL MAXIMO ESTIMADO DE AFORO 800 GPM) | 1.00 | UD | 70,000.00 | 70,000.00 |
| 6 | ANALISIS FISICO QUIMICO Y BACTERIOLOGICO, (INC. MUESTRA, TRASLADO AL LABORATORIO Y RESULTADOS) | 1.00 | UD | 9,500.00 | 9,500.00 |
| 7 | INFORME FINAL INCLUYE RECOMENDACIONES | 1.00 | UD | 7,000.00 | 7,000.00 |
| III | PERFORACION Y AFORO DE POZO, BATEY CONSTRUCCION: (NUEVO) | | | | |
| 1 | PERFORACION CON MAQUINA DE PERCUSION PARA ENCAMISAR EN Ø 8" | 200.00 | PIES | 500.00 | 100,000.00 |
| 2 | ENCAMISADO EN Ø 8" PVC SDR-26 | 200.00 | PIES | 80.00 | 16,000.00 |
| 3 | RANURADO Ø 8" PVC | 120.00 | PIES | 60.00 | 7,200.00 |
| 4 | SUMINISTRO DE TUBERIA DE Ø 8" PVC SDR-26 | 200.00 | PIES | 270.62 | 54,124.00 |
| 5 | PRUEBA DE AFORO (24 HORAS) (CAUDAL MAXIMO ESTIMADO DE AFORO 800 GPM) | 1.00 | UD | 70,000.00 | 70,000.00 |
| 6 | ANALISIS FISICO QUIMICO Y BACTERIOLOGICO, (INC. MUESTRA, TRASLADO AL LABORATORIO Y RESULTADOS) | 1.00 | UD | 9,500.00 | 9,500.00 |
| 7 | INFORME FINAL INCLUYE RECOMENDACIONES | 1.00 | UD | 7,000.00 | 7,000.00 |
| | SUB-TOTAL PERFORACION DE POZOS | | | | 527,648.00 |
| | SUB-TOTAL PERFORACION DE POZO Y AFORO DE POZOS | | | | 884,148.00 |

J. N. C.



| PART. | DESCRIPCION | CANTIDAD | UND. | P.U. (RD\$) | VALOR (RD\$) |
|-------|---|----------|------|-------------|----------------------|
| | GASTOS INDIRECTOS | | | | |
| | HONORARIOS PROFESIONALES | 10.00% | | | 88,414.80 |
| | SUPERVISIÓN | 5.00% | | | 44,207.40 |
| | LEY 6-86 | 1.00% | | | 8,841.48 |
| | ITBIS (LEY 07-2007) | 18.00% | | | 15,914.66 |
| | CODIA | 0.10% | | | 884.15 |
| | TRANSPORTE | 2.50% | | | 22,103.70 |
| | SUB - TOTAL GASTOS INDIRECTOS | | | | 180,366.19 |
| | SUB-TOTAL GENERAL PERFORACION Y AFORO DE POZOS | | | | 1,064,514.19 |
| | SUB - TOTAL A EJECUTAR | | | | 32,594,413.00 |
| | SUB - TOTAL A CONTRATAR | | | | 32,594,413.00 |



José Mercedes