

BILL OF QUANTITIES

Project Title:

PROPOSED 300 CU.M. REINFORCED CONCRETE GROUND TANKS AT BALUNO & BANDERA-DULIAN FOR **DUMALON WATER SYSTEM**

Approved Budget Cost: Project Duration: P.R. No.

Php 16,532,044.52 Three Hundred (300) Calendar Days

	WORK ITEM/DESCRIPTION	ESTIMATED QUANTITY	UNIT	Unit Cost	Total Amount
SPL - 1	MOBILIZATION/DEMOBILIZATION	1.00	LOT		
SPL-2	TEMPORARY FACILITIES	2.00	EACH		
SPL - 3	CONSTRUCTION SAFETY & HEALTH PROGRAM	1.00	LOT		
SPL-4	CONSTRUCTION PROJECT BILLBOARDS/ SIGNAGES	2.00	LOT		
	CONSTRUCTION OF 300 CU.M. BANDERA GROUND TANK				
	SUPPLY AND DISTRIBUTION PIPES TAPPED AT EXISTING DUMALO	N PIPEL INE TO THE	PROPOSED 300 CIL	M GROUND TANK	
SPL - 5	FINAL STAKING/LAYOUTING/LINE & GRADE	72.50	LN.M.	IN. GROOME PAINT	
SPL-5	CONCRETE CUTTING	20.20	LN.M.		
	REMOVAL OF EXISTING CONCRETE PAVEMENT	4.14	SQ.M.		
101(4)a	PIPELINE EXCAVATION (COMMON SOIL)	30.32	CU.M.		
803(1)a	PIPELINES & APPURTENANCES (100mm@ PVC PIPELINE) W/	72.50	LN.M.		
SPL - 7	PARTIAL BACKFILLING	72.50	LIN.IVI.		
SPL - 8	FITTING OF BENDS (100mmØ x 22.5° PVC Bend) W/ CONCRETE THRUST BLOCK & W/ PARTIAL BACKFILLING	2.00	BENDS		
SPL - 9	FITTING OF BENDS (100mmØ x45° PVC Bend) W/ CONCRETE THRUST BLOCK & W/ PARTIAL BACKFILLING	6.00	BENDS	\ \	
SPL - 10	FITTING OF BENDS (100mmØ x90° PVC Bend) W/ CONCRETE THRUST BLOCK & W/ PARTIAL BACKFILLING	1.00	BEND		
SPL - 11	HYDRO-TESTING & DISINFECTION WORKS (100mmØ PVC PIPELINE)	72.50	LN.M.		
SPL - 12	PIPELINE FLUSHING (100mmØ PVC PIPELINE)	72.50	LN.M.		
SPL - 13	VALVES/FITTINGS/INTER-CONNECTION WORKS	4.00	ASSY.		
SPL - 14	BACKFILLING & COMPACTION WORKS OF NATIVE MATERIALS	34.08	CU.M.		
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	4.14	SQ.M.		
CONSTRUCT	TION OF 300 CU.M. REINFORCED CONCRETE GROUND TANK				
SPL - 15	CLEARING AND GRUBBING	352.00	SQ.M.		
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	347.36	CU.M.		
404 (2)	REINFORCING STEEL BAR, GRADE 40	17319.67	KGS.		
405	STRUCTURAL CONCRETE CLASS A WITH WATER PROOFING ADMIXTURE	110.46	CU.M.		
SPL - 16	INSTALLATION OF RUBBER TYPE WATER STOPPER FOR EVERY REINFORCED CONCRETE JOINTS	158.40	LN.M.		
1027(1)	CEMENT PLASTER FINISH	573.19	SQ.M.		
1032(1)a	PAINTING WORKS (MASONRY PAINTING)	487.83	SQ.M.		
1032(1)c	PAINTING WORKS (METAL PAINTING) FOR SHED AND G.I. PIPELINE	16.97	SQ.M.		
SPL - 17	SUPPLY, INSTALLATION, TESTING & COMMISIONING 2 UNITS OF 100mmØ MECHANICAL FLOW METER	2.00	ASSY.		
SPL - 18	SUPPLY, INSTALLATION, TESTING & COMMISIONING 4 UNITS OF 100mmØ CHECK VALVE	4.00	ASSY.		
SPL - 19	SUPPLY, INSTALLATION, TESTING & COMMISIONING 2 UNITS OF 100mmØ PRESSURE REDUCING VALVE	2.00	ASSY.		
SPL - 20	VALVES/FITTINGS/APPURTENANCES (SUPPLY LINE, DISTRIBUTION LINE, DRAIN LINE, TANK SENSOR LEVEL & AIR	9.00	ASSY.		
SPL - 21	CONSTRUCTION OF 1.30M X 3.30M CONCRETE VALVE BOX FOR 100mmØ FLOW METER AND ITS APPURTENANCES	2.00	UNITS		
SPL - 22	CONSTRUCTION OF 1.30M X 1.74M CONCRETE VALVE BOX FOR 100mmØ CHECK VALVE	2.00	UNITS		
SPL - 23	CONSTRUCTION OF SHED FOR VALVES AND APPURTENANCES FOR 300 CU.M. GROUND TANK	1.00	LOT		
SPL - 24	PIPELINES & APPURTENANCES (100mmØ G.I. Pipeline) FOR SUPPLY & DISCHARGE LINE OF 300 CU.M. GROUND TANK	22.40	LN.M.		
SPL - 25	LEAK TEST AND DISINFECTION WORKS	1.00	LOT		
SPL - 26	INSTALLATION OF 25mm Ø AIR RELEASE ASSEMBLY (Tapped on 100mmØ PVC Pipeline)	2.00	ASSY.		
SPL - 27	FABRICATION OF TWO (2) STAINLESS LADDER AND TWO (2) SERVICE HOLE COVER	1.00	LOT		
1016(1)a	WATERPROOFING WORKS	242.63	SQ.M.		

	ION OF PERIMETER FENCE AND FABRICATION OF STEEL GATE	23.63	CU.M.		
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	2238.82	KGS.		
10.(-/	REINFORCING STEEL BAR, GRADE 33 STRUCTURAL CONCRETE CLASS A	19.70	CU.M.		
405 1046	100MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	45.60	SQ.M.		
1046	REINFORCING STEEL)				
4046	150mm. CHB NON LOAD BEARING (including Reinforcing Steel)	36.24	SQ.M.		
1046 1027(1)	CEMENT PLASTER FINISH	143.64	SQ.M.		
SPL - 28	CONSTRUCTION/FABRICATION OF GATE, GRILLES AND	1.00	LOT		
3FL - 20	INTERLINKS FOR PERIMETER FENCE AND				
	SUPPLY/INSTALLATION OF 3.10M X 0.6M PANAFLEX SIGNAGE				
		143.64	SQ.M.		
1032(1)a	PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (METAL PAINTING)	46.82	SQ.M.		
1032(1)c	FION OF GUARD HOUSE	10:02			
The second secon	STRUCTURE EXCAVATION (COMMON SOIL)	2.91	CU.M.		
803(1)a 404 (2)	REINFORCING STEEL BAR, GRADE 33	571.43	KGS.		
405	STRUCTURAL CONCRETE CLASS A	3.38	CU.M.		
1046	100MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	16.08	SQ.M.		
1040	REINFORCING STEEL)				
1046	150MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	2.69	SQ.M.		
1040	REINFORCING STEEL)				
1027(1)	CEMENT PLASTER FINISH	50.40	SQ.M.		
SPL - 29	SUPPLY AND INSTALLATION OF 0.7M X 1.2M JALOUSIE TYPE	2.00	UNIT		
O1 L - 23	WINDOW (GUARD HOUSE)				
SPL - 30	CONSTRUCTION/FABRICATION OF WINDOW GRILLES (GUARD	1.00	LOT		
OI L - 50	HOUSE)		0		
1032(1)a	PAINTING WORKS (MASONRY PAINTING)	50.40	SQ.M.		
1032(1)b	PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED	18.25	SQ.M.		
1032(1)c	PAINTING WORKS (METAL PAINTING)	1.70	SQ.M.		
1016(1)a	WATERPROOFING WORKS (CEMENTITIOUS TYPE	7.80	SQ.M.		
(./-	WATERPROOFING MEMBRANE)	ν,			
SPL - 31	SUPPLY AND INSTALLATION OF WOODEN DOOR WITH DOOR	1.00	UNIT	\	
OI L OI	KNOB AND ACCESSORIES (GUARD HOUSE)				
SPL - 32	PLUMBING WORKS (GUARD HOUSE)	1.00	LOT		_
SPL - 33	FABRICATION OF WOODEN DRAWER AND CABINET (GUARD	1.00	UNIT		
0. = 00	HOUSE)				
CONSTRUC	TION OF OPERATOR'S ROOM WITH RESTROOM & SEPTIC TANK				
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	10.13	CU.M.		
404 (2)	REINFORCING STEEL BAR, GRADE 33	946.73	KGS.		
405	STRUCTURAL CONCRETE CLASS A	8.01	CU.M.		
1046	100MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	28.51	SQ.M.		
	REINFORCING STEEL)				
1046	. 150MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	5.46	SQ.M.		
	REINFORCING STEEL)			8	
1027(1)	CEMENT PLASTER FINISH	78.26	SQ.M.		
SPL - 34	SUPPLY AND INSTALLATION OF 0.8M X 1.2M & 0.5M X 0.5M	3.00	UNITS		
	JALOUSIE TYPE WINDOW (OPERATOR'S ROOM & RESTROOM)				
					1
CDI OF	1			14	
	CONSTRUCTION/FABRICATION OF WINDOW GRILLES	1.00	LOT	****	
SPL - 35	CONSTRUCTION/FABRICATION OF WINDOW GRILLES (OPERATOR'S ROOM & RESTROOM)	1.00	LOT	,	
	(OPERATOR'S ROOM & RESTROOM)		LOT SQ.M.		
1032(1)a	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING)	78.26			
1032(1)a 1032(1)b	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED		SQ.M.		
1032(1)a 1032(1)b 1032(1)c	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING)	78.26 18.25	SQ.M. SQ.M.		
1032(1)a 1032(1)b 1032(1)c 1018	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM)	78.26 18.25 3.29	SQ.M. SQ.M. SQ.M.		
1032(1)a 1032(1)b 1032(1)c	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING)	78.26 18.25 3.29 16.80	SQ.M. SQ.M. SQ.M. SQ.M.		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE)	78.26 18.25 3.29 16.80	SQ.M. SQ.M. SQ.M. SQ.M.		
1032(1)a 1032(1)b 1032(1)c 1018	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND	78.26 18.25 3.29 16.80 16.20	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M.		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM)	78.26 18.25 3.29 16.80 16.20	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M.		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM)	78.26 18.25 3.29 16.80 16.20	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM)	78.26 18.25 3.29 16.80 16.20 2.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM)	78.26 18.25 3.29 16.80 16.20 2.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM) STION OF DRIVE WAY, GUTTER, GROUTED RIPRAP AND STORM DE	78.26 18.25 3.29 16.80 16.20 2.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM)	78.26 18.25 3.29 16.80 16.20 2.00 1.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS		
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1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM) CTION OF DRIVE WAY, GUTTER, GROUTED RIPRAP AND STORM DE PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 200MM THICK CONSTRUCTION OF CONCRETE FABER AND GUTTER	78.26 18.25 3.29 16.80 16.20 2.00 1.00 1.00 8AINAGE 66.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS LOT UNIT SQ.M. LOT LOT LOT		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38 CONSTRUC 311(1)a SPL - 39 SPL - 40	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM) CTION OF DRIVE WAY, GUTTER, GROUTED RIPRAP AND STORM DE PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 200MM THICK CONSTRUCTION OF CONCRETE FABER AND GUTTER	78.26 18.25 3.29 16.80 16.20 2.00 1.00 1.00 2AINAGE 66.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS LOT UNIT SQ.M.		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38 CONSTRUC 311(1)a	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (MOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM) CTION OF DRIVE WAY, GUTTER, GROUTED RIPRAP AND STORM DE PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 200MM THICK CONSTRUCTION OF CONCRETE FABER AND GUTTER STORM DRAINAGE GROUTED RIPRAP (CLASS A)	78.26 18.25 3.29 16.80 16.20 2.00 1.00 1.00 RAINAGE 66.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS LOT UNIT SQ.M. LOT LOT LOT CU.M.		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38 CONSTRUC 311(1)a SPL - 39 SPL - 40 505(5)a	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (WOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM) CTION OF DRIVE WAY, GUTTER, GROUTED RIPRAP AND STORM DF PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 200MM THICK CONSTRUCTION OF CONCRETE FABER AND GUTTER STORM DRAINAGE GROUTED RIPRAP (CLASS A) AL WORKS SUPPLY & INSTALLATION OF POWER, LIGHTING FIXTURES,	78.26 18.25 3.29 16.80 16.20 2.00 1.00 1.00 RAINAGE 66.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS LOT UNIT SQ.M. LOT LOT LOT		
1032(1)a 1032(1)b 1032(1)c 1018 1016(1)a SPL - 36 SPL - 37 SPL - 38 CONSTRUC 311(1)a SPL - 39 SPL - 40 505(5)a ELECTRICA	(OPERATOR'S ROOM & RESTROOM) PAINTING WORKS (MASONRY PAINTING) PAINTING WORKS (MOOD) - ACRYLIC SOLVENT BASED PAINTING WORKS (METAL PAINTING) UNGLAZED TILES (FOR OPERATOR'S ROOM & RESTROOM) WATERPROOFING WORKS (CEMENTITIOUS TYPE WATERPROOFING MEMBRANE) SUPPLY AND INSTALLATION OF DOORS WITH DOOR KNOB AND ACCESSORIES (OPERATOR'S ROOM & RESTROOM) PLUMBING WORKS (OPERATOR'S ROOM & RESTROOM) FABRICATION OF WOODEN DRAWER AND CABINET (OPERATOR'S ROOM) CTION OF DRIVE WAY, GUTTER, GROUTED RIPRAP AND STORM DE PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 200MM THICK CONSTRUCTION OF CONCRETE FABER AND GUTTER STORM DRAINAGE GROUTED RIPRAP (CLASS A)	78.26 18.25 3.29 16.80 16.20 2.00 1.00 1.00 2AINAGE 66.00 1.00 1.00 1.00 1.00	SQ.M. SQ.M. SQ.M. SQ.M. SQ.M. UNITS LOT UNIT SQ.M. LOT LOT LOT CU.M.		
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103(1)a	PIPELINE EXCAVATION (COMMON SOIL)	115.03	CU.M.		
SPL - 44	PIPELINES & APPURTENANCES (100mmØ PVC PIPELINE) W/	275.05	LN.M.		
	PARTIAL BACKFILLING				
- AF	FITTING OF BENDS (100mmØ x 11.25° PVC Bend) W/ CONCRETE	4.00	BENDS		
SPL - 45		4.00	DEIVEO		
	THRUST BLOCK & W/ PARTIAL BACKFILLING				
SPL - 46	FITTING OF BENDS (100mmØ x 22.5° PVC Bend) W/ CONCRETE	4.00	BENDS		
0. =	THRUST BLOCK & W/ PARTIAL BACKFILLING				
		9.00	BENDS		
SPL - 47	FITTING OF BENDS (100mmØ x45° PVC Bend) W/ CONCRETE	9.00	DENDS		1
	THRUST BLOCK & W/ PARTIAL BACKFILLING				
SPL - 48	FITTING OF BENDS (100mmØ x90° PVC Bend) W/ CONCRETE	6.00	BENDS		
3FL-40	THRUST BLOCK & W/ PARTIAL BACKFILLING				
			15154		
SPL - 49	HYDRO-TESTING & DISINFECTION WORKS (100mmØ PVC	275.05	LN.M.		
	PIPELINE)				
SPL - 50	PIPELINE FLUSHING (100mmØ PVC PIPELINE)	275.05	LN.M.		
	VALVES/FITTINGS/INTER-CONNECTION WORKS	4.00	ASSY.		
SPL - 51					
SPL - 52	BACKFILLING & COMPACTION WORKS OF NATIVE MATERIALS	129.28	CU.M.		
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM	2.41	SQ.M.		
	THICK				
	TION OF 300 CU.M. REINFORCED CONCRETE GROUND TANK				
			~~		
SPL - 53	CLEARING AND GRUBBING	352.00	SQ.M.		
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	200.93	CU.M.		
404 (2)	REINFORCING STEEL BAR, GRADE 40	17319.67	KGS.		
		110.46	CU.M.		
405	STRUCTURAL CONCRETE CLASS A WITH WATER PROOFING	110.40	CO.IVI.		
	ADMIXTURE				
SPL - 54	INSTALLATION OF RUBBER TYPE WATER STOPPER FOR	158.40	LN.M.		
0, 2 - 04	EVERY REINFORCED CONCRETE JOINTS				
			0		
1027(1)	CEMENT PLASTER FINISH	573.19	SQ.M.		
1032(1)a	PAINTING WORKS (MASONRY PAINTING)	487.83	SQ.M.		
1032(1)c	PAINTING WORKS (METAL PAINTING) FOR SHED AND G.I.	7.04	SQ.M.		
1032(1)0		,			1
	PIPELINE				
SPL - 55	SUPPLY, INSTALLATION, TESTING & COMMISIONING 2 UNITS	2.00	ASSY.		
	OF 100mmØ MECHANICAL FLOW METER			\ \ \	
		1.00	ASSY.		
SPL - 56	SUPPLY, INSTALLATION, TESTING & COMMISIONING 2 UNITS	4.00	A551.		1
	OF 100mmØ CHECK VALVE				
SPL - 57	SUPPLY, INSTALLATION, TESTING & COMMISIONING 2 UNITS	2.00	ASSY.		
SFL - SI	OF 100mmØ PRESSURE REDUCING VALVE	2.00	1.00		1
SPL - 58	VALVES/FITTINGS/APPURTENANCES (SUPPLY LINE,	9.00	ASSY.		
	DISTRIBUTION LINE, DRAIN LINE, TANK SENSOR LEVEL & AIR				1
001 50		2.00	UNITS		
SPL - 59	CONSTRUCTION OF 1.30M X 3.30M CONCRETE VALVE BOX FOR	2.00	UNITS		
	100mmØ FLOW METER AND ITS APPURTENANCES		1		
SPL - 61	CONSTRUCTION OF SHED FOR VALVES AND APPURTENANCES	1.00	LOT		
OI L-OI					
	FOR 300 CU.M. GROUND TANK				
SPL - 62	PIPELINES & APPURTENANCES (100mm@ G.I. Pipeline) FOR	22.40	LN.M.		
	SUPPLY & DISCHARGE LINE OF 300 CU.M. GROUND TANK		1		
ODI OO		1.00	LOT		
SPL - 63	LEAK TEST AND DISINFECTION WORKS	1.00			
SPL - 64	INSTALLATION OF 25mm Ø AIR RELEASE ASSEMBLY (Tapped on	2.00	ASSY.		
	100mmØ PVC Pipeline)				
CDI CE	FABRICATION OF TWO (2) STAINLESS LADDER AND TWO (2)	1.00	LOT		
SPL - 65		1.00	LOT		
	SERVICE HOLE COVER				
1016(1)a	WATERPROOFING WORKS	242.63	SQ.M.		
	TION OF PERIMETER FENCE AND FABRICATION OF STEEL GATE				
		22.62	CLLM		
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	23.63	CU.M.	-	
404 (2)	REINFORCING STEEL BAR, GRADE 33	2238.82	KGS.		
405	STRUCTURAL CONCRETE CLASS A	19.70	CU.M.		
1046	100MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	47.41	SQ.M.		
.040					
	REINFORCING STEEL)			+	-
1046	150MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	36.24	SQ.M.		1
	REINFORCING STEEL)				
1027(1)		147.26	SQ.M.	1	
	CEMENT PLASTER FINISH			-	1
SPL - 66	CONSTRUCTION/FABRICATION OF GATE, GRILLES AND	1.00	LOT		1
	INTERLINKS FOR PERIMETER FENCE AND				
1032(1)a	PAINTING WORKS (MASONRY PAINTING)	147.26	SQ.M.		
			SQ.M.		
1032(1)c	PAINTING WORKS (METAL PAINTING)	46.82	J SQ.IVI.		,
CONSTRUC	TION OF GUARD HOUSE				
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	2.91	CU.M.		
404 (2)	REINFORCING STEEL BAR, GRADE 33	571.43	KGS.		
405	STRUCTURAL CONCRETE CLASS A	3.38	CU.M.		-
1046	100MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	16.08	SQ.M.		
	REINFORCING STEEL)		1		
1046	150MM CHB NON LOAD BEARING/LOAD BEARING (INCLUDING	2.69	SQ.M.		
1046		2.09	QQ.IVI.		
	REINFORCING STEEL)				
1027(1)	CEMENT PLASTER FINISH	50.40	SQ.M.		
SPL - 67	SUPPLY AND INSTALLATION OF 0.7M X 1.2M JALOUSIE TYPE	2.00	UNIT		
			1	1	1
-, - 01	WINDOW (GUARD HOUSE)		1	1	