## Republic of the Philippines



## DEPARTMENT OF SCIENCE AND TECHNOLOGY

Philippine Science High School – MIMAROPA Region Campus

Barangay Rizal, Odiongan, Romblon 5505

## **BILL OF QUANTITIES**

## COMPLETION OF DORMITORY BUILDING II

BARANGAY RIZAL, ODIONGAN, ROMBLON

(1) (2) (4) (4) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
1.0 Mobitzation Chamcelization lot   2.0 Boots and Insurance   Ist   3.0 Temporary facilities for Contractor   Ist   4.0 Feath Stakely Requirements   Ist   5.0 As-Built Plan   5.0 As-Built Plan   5.0 Sub Total: General Requirements   6.1 ARCHITECTURAL WORKS   6.1 ARCHITECTURAL WORKS   6.1 ARCHITECTURAL WORKS   7.0 FINANCE   7.0 FINANCE   8. Wall preparation for repairing works including patching works   8. Wall preparation for repairing works including patching works   9. Authority Plan   9. Authority	(1)	(2)	(4)				
1.0 Mobitzation Chamcelization lot   2.0 Boots and Insurance   Ist   3.0 Temporary facilities for Contractor   Ist   4.0 Feath Stakely Requirements   Ist   5.0 As-Built Plan   5.0 As-Built Plan   5.0 Sub Total: General Requirements   6.1 ARCHITECTURAL WORKS   6.1 ARCHITECTURAL WORKS   6.1 ARCHITECTURAL WORKS   7.0 FINANCE   7.0 FINANCE   8. Wall preparation for repairing works including patching works   8. Wall preparation for repairing works including patching works   9. Authority Plan   9. Authority	C O	GENERAL REQUIREMENTS					
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b. Sumcoating [Fire exit stair, electrical & mechanical room)  2.0 FINISHES  2.1 Floor Finishes  a. Epoxy point (hallway, jobby, main stairs and exit stairs)  3.0 PAINTING WORKS  a. Estatometric paint high on plastered wall (exterior wall)  b. Latex semi-joss paint finish on plastered wall (exterior wall)  c. Latex semi-joss paint finish on plastered wall (exterior wall)  d. Latex perint finish on stable soft and easing (PVIO), Isolation,  VIP, Reflection, pantry, Mech&Elec. Roome)  4.0 OPENINGS  4.1 Doors  4.1 Doors  4.2 Windows in aluminum powder coated paint  4.2 Windows in aluminum powder coated paint  4.2 Window in aluminum powder coated paint  4.2 Window in aluminum powder coated paint  4.2 Window in aluminum powder coated paint  8et  5.0 MISCELLANECOUS WORKS  1.0 WALL PARTITION  MEZZANINE FLOOR  1.0 WALL PARTITION  MEZZANINE FLOOR  1.0 WALL PARTITION  A. Ferting out aluminum strench cover (0.3m Width x 0.15m lot b. Salmocating (storage room)  9. Sa		1.0 WALL PARTITION					
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Summer   S		electrical & mechanical room)  Latex semi-gloss paint finish on plastered wall (VIP reflection					
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### Action		4.0 OPENINGS					
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d. tile grout & sealer on joints (common toilet)  b. Epoxy paint (hallway and stairs)  sq.m  2.2 Wall Finishes  a. 300x300mm Homogenous tile, non-skid (cmmon toilet)  sq.m  3.0 PAINTING WORKS  a. Elastomeric paint finish on plastered wall (exterior wall)  b. Latex semi-gloss paint finish on plastered wall (rooms, toilet, and storage)  sq.m		FF-1: 300x300mm Vitrified ceramic unglazed tiles non-slip w/					
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3.0 PAINTING WORKS  a. Elastomeric paint finish on plastered wall (exterior wall) sq.m  b. Latex semi-gloss paint finish on plastered wall (rooms, toilet, and storage) sq.m			sq.m				
a. Elastomeric paint finish on plastered wall (exterior wall) sq.m  b. Latex semi-gloss paint finish on plastered wall (rooms, toilet, and storage) sq.m			- 4				
b. Latex semi-gloss paint finish on plastered wall (rooms, toilet, and storage) sq.m							
and storage)		Latev semi-gloss paint finish on plastered wall (rooms, toilet	sq.m				
		and storage)					

ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
	c. Latex paint finish on slab soffit and ceiling (rooms, toilet, and storage)	sq.m				
	4.0 OPENINGS					
	4.1 Doors					
	D-03 800mm W x 2100mm H Solid panel door in varnish finish (kiln dry)	set				

ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
	5.0 MISCELLANEOUS WORKS					
	a. Toilet Partitions with Door panel & accessories	m				
	b. Movable Partition with rails and roller	sq.m				
	c. New CHB Wall-100mm (4") CHB Walls Including plastering	sq.m				
	(storage room)					
	SECOND FLOOR					
	1.0 WALL PARTITION  Wall preparation for repainting works including patching works					
	a. (Exterior wall)	sq.m				
	b. Skimcoating (fire exit wall & stairs)	sq.m				
	2.0 FINISHES 2.1 Floor Finishes					
	FF-1; 600x600mm Vitrified ceramic unglazed tiles, non-slip w/	sq.m				
	b. Epoxy paint (hallway, main stair and exit stairs)	sq.m				
	3.0 PAINTING WORKS					
	a. Elastomeric paint finish on plastered wall (exterior wall)	sq.m				
	Latex semi-gloss paint finish on plastered wall (fire exit wall &	sq.m				
	stairs)	34.111				
	4.0 MISCELLANEOUS WORKS  Concrete zocalo for existing toilet cubicle (including					
	a. waterproofing)	lot				
	b. Clothesline at Balcony (1/2 in. dia.G.I. Pipe)	lot				
	THIRD FLOOR AND ROOF DECK 1.0 WALL PARTITION					
	Wall preparation for repainting works including patching works	sq.m				
	b. Skimcoating (fire exit wall & starirs)	sq.m				
	INISHES     Floor Finishes     F-1: 600x600mm Vitrified ceramic unglazed tiles, non-slip w/					
	a. tile grout & sealer on joints - including removal of existing tiles	sq.m				
	b. Epoxy paint (hallway, main stair and exit stairs)	sq.m				
	3.0 PAINTING WORKS					
	a. Elastomeric paint finish on plastered wall (exterior wall)	sq.m				
	b. Latex semi-gloss paint finish on plastered wall (fire exit wall & stairs)	sq.m				
	4.0 MISCELLANEOUS WORKS					
	Concrete zocalo for existing toilet cubicle (including	lot				
	waterproofing)  b. Aluminum composite panel on steel framing (wall cladding)	sq.m				
	c. Grills at fire exit (including demolition of existing exterior wall)	sq.m				
		lot				
	Aluminum Stair Nosing for all Steps (Main & Exit Stairs)     Stainless Letters 0.5m Ht Building Name (Guiting-Guiting     Residence Hall)	lot				
	f. Clothesline at Balcony (1/2 in. dia.G.l. Pipe)	lot			-	
	TOTAL AMOUNT ARCHITECTURE WORKS					
	TOTAL AMOUNT MACHITECTURE WORKS	I				
C.2	ELECTRICAL WORKS					
	All Floor Levels A Lighting					
	1 Lighting Fixtures					
	Emergency Light	pcs				
	Exit Signs Roof Deck	pcs				
	1 Lighting Fixtures					
	Floodlight (100 watts)	pcs				
	EXTERIOR  A Lighting and Power System					
	1 Conduit Pipes for roughing installation					
	1.1 Roughing-ins					
	1.1 PVC Pipe 20mm Ø					
	U Clamp 3/4"	pcs				
	2 Boxes junction box w/ cover #16	pcs				
	utility box	pcs				
	3 Wires & Cables THHN stranded					

10   10   10   10   10   10   10   10	ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
4. Wirting Device   Section   Sect	(1)	(2)	(4)				
To gary Shieth		3.5mm²	m				
Two uping Swiph  5 Lighting Fixtures Remembed LED Down Light (11 watts)  8 Security (20 watts)  5 Consumables  Nezzanine Level (Storage Area)  1 Condig Pipes for roughing installation  1 1. Roughing-ins  1 1. Roughing-ins  1 1. Roughing-ins  1 1. PVC Pipe  2 2 More and PVC moduling  2 2 Stores and Previous Conduit  4 self pirection but worse 110 per  2 Stores and Previous Conduit  4 self pirection but worse 110 per  3 Wires & Calcies Timbut standard  5 Authority or a self pirection of the self pirecti							
S. Lighting Fixtures							
Recessor LED Down Light (11 wats)   set		I wo gang Switch	set				
Recessed LED Down Light (11 wates) set  Spoking ID Rewth) set   8. Consumables  Mezzanine Level (Storage Arcs)   A Lighting and Power System  1. Conduit Pries for roughing installation  1.15. Roughing-ris  1.17 PCP PC PCP  1.18 PCP PCP  1.19 PCP PCP PCP PCP PCP PCP PCP PCP PCP PC		5 Lighting Fixtures					
8 Consumables  Mezanine Level (Storage Arcs)  A Lighting and Prove System  1 Conduit Pipes for roughing installation  1.1 Roughing ins  1.1 Provided provided provided per size of the provided per size of th			set				
Mezamine Level (Storage Area)		Spolight (30 watts)	set				
Mezzanine Level (Storage Avea)							
1.1 Roughing-ins   1.1 Roughing-ins   1.1 Roughing-ins   1.1 Roughing-ins   1.1 Roughing-ins   20mm 8 PVC mouding   pea			lot				
1.1 Roughing-ins   1.1 Roughing-ins   1.1 Roughing-ins   1.1 Roughing-ins   1.1 Roughing-ins   20mm 8 PVC mouding   pea		A Lighting and Power System					
1.1 PVC Pipe							
December		1.1 Roughing-ins					
Por moutining adhesive pos 2 2 Boxes and Flexible Conduit 4.4 Mulantion box wit occer #16 pos 4.5 Mulantion box wit occer #16 pos 5.5 Mulantion box wit occer #16 pos 5.5 Mulantion box with the conduity of t							
2 Bows and Floothe Conduit   Asi planton box or core #16   pps			•				
4 dijurition box will cover #16 pcs			pcs				
Millip box   pos							
3 Wires & Cables THNN stranded			•				
		•	pcs				
4 Wiring Device One gang Switch Set  5 Lighting Fixtures Celling Receptacle LED But (10 watts) pcs 6 Consumables 1 Submete 1 Submeter 2 Submeter 2 Submeter 2 Submeter 3 AUXILIARY WORKS PA-BOM and CCTV GROUND FLOOR LEVEL 1 Submeter 1 Submeter 2 Submeter 2 Submeter 3 Roughling INSTALTION 1 Submeter 1 Submeter 1 Submeter 2 Submeter 3 Submeter 3 Submeter 3 Submeter 3 Submeter 4 Submeter 5 Submeter 5 Submeter 5 Submeter 5 Submeter 6 Submeter 7 Submeter 7 Submeter 8 Submeter 8 Submeter 9 Submeter							
One gang Switch   Set   Second Floor Level   Second Floor Second Secon		o.o.m.					
One gang Switch   Set   Second Floor Level   Second Floor Second Secon		4 Wiring Device					
Celling Receptole   pcs			set				
Celling Receptacle   pcs							
LED Bulb (10 waits)   pcs		5 Lighting Fixtures					
Mathematical Submeter   Submete			pcs				
Submete		·	•				
1 Submeter   pc			lot				
TOTAL AMOUNT ELECTRICAL WORKS  C.3 AUXILIARY WORKS  PA-BGM and CCTV GROUND FLOOR LEVEL  1 ROUGHING INSTALTION 1.1 PVC Pipe 1.1a 15mm Ø L 1.1b U clamp 1/2" pcs 2 Boxes, Pull Blox 2 2.2 4x4 junction box w/ cover #16 pcs  3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device 3 1 PABGM System Management Amplifier w/ fabricated door & rac  unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.3 Voice Announcement unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE Gamera unit 3.1 CCTV POE Gamera unit 3.3 CATG UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  Sub TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
C.3 AUXILIARY WORKS		1 Submeter	рс				
C.3 AUXILIARY WORKS		TOTAL AMOUNT ELECTRICAL WORKS					
PA-BGM and CCTV   CROUND FLOOR LEVEL							
I ROUGHING INSTALTION	C.3	AUXILIARY WORKS					
1.1 ROUGHING INSTALTION 1.1 PVC Pipe 1.1a 15mm Ø L 1.1b U clamp 1/2" pcs 2 Boxes , Pull Box 2.2 4x4 junction box w/ cover #16 pcs  3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device 3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre-Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS		PA-BGM and CCTV					
1.1		GROUND FLOOR LEVEL					
1.1a 15mm Ø L 1.1b U clamp 1/2² 2 Boxes, Pull Box 2.2 4x4 junction box w/ cover #16  3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device 3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1 CCTV POE 16-port switch unit 3.1 CTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS							
1.1a		1 ROUGHING INSTALTION					
1.1b U clamp 1/2' pcs  2 Boxes , Pull Box  2.2 4x4 junction box w/ cover #16  3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device  3.1 PABGM System Management Amplifier w/ fabricated door & rac 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS		1.1 PVC Pipe					
2 Boxes , Pull Box 2.2 4x4 junction box w/ cover #16 pcs  3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device 3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level		1.1a 15mm Ø	L				
2.2 4x4 junction box w/ cover #16 pcs  3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device  3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre-Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE amera unit 3.1.1 CCTV POE amera unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS		·	pcs				
3 PA-BGM DEVICE AND EQUIPMENT, CCTV Device  3.1 PABGM System Management Amplifier w/ fabricated door & rac   unit   3.2 Remote Microphone   unit   3.3 Voice Announcement   unit   3.4 Digital Announcer Pre- Recorded Voice   unit   3.5 Volume Controller   unit   3.6 Audio Controller   unit   3.7 CCTV POE camera   unit   3.1.1 CCTV POE 16-port switch   unit   3.8 CAT6 UTP Cable for CCTV Camera   box   3.9 Testing and Commissioning   M-Hr    4 Consumables ( Solvent , Gas , Gl Wire, Tapes)   lot    SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS							
3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level		2.2 4x4 junction box w/ cover #16	pcs				
3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
3.1 PABGM System Management Amplifier w/ fabricated door & rac unit 3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level		3 PA-BGM DEVICE AND FOLIPMENT, CCTV Device					
3.2 Remote Microphone unit 3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level			unit				
3.3 Voice Announcement unit 3.4 Digital Announcer Pre- Recorded Voice unit 3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS							
3.5 Volume Controller unit 3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
3.6 Audio Controller unit 3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level		3.4 Digital Announcer Pre- Recorded Voice	unit				
3.7 CCTV POE camera unit 3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level			unit				
3.1.1 CCTV POE 16-port switch unit 3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
3.8 CAT6 UTP Cable for CCTV Camera box 3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , GI Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
3.9 Testing and Commissioning M-Hr  4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot  SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level		·					
4 Consumables ( Solvent , Gas , Gl Wire, Tapes) lot SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level		3.9 Testing and Commissioning	ıvı-Hr				
SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level							
SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS  Second Floor Level  Second Floor Level		4 Consumables ( Solvent . Gas . GI Wire Tanes)	lot				
Second Floor Level		,,,,					
Second Floor Level		SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS					
1 ROUGHING INSTALTION		Second Floor Level					
1 ROUGHING INSTALTION							
Page 4 of 8		1 ROUGHING INSTALTION	ge 4 of 8				

ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
	1.1 PVC Pipe	•				
	1.1a 15mm Ø	L				
	1.1b 40mm Ø	L				
	2 Boxes , Pull Box and Clamps					
	4x4 junction box w/ cover #16	pcs				
	4x4 square box with cover #16	pcs				
	U clamp 1/2"	pcs				
	U clamp 1 1/2"	pcs				
	3 PA-BGM Wire					
	#16 AWG	m				
	4 PA-BGM DEVICE AND EQUIPMENT					
	Installation of Speakers, Testing and Commissioning	M-Hr				
	5 Consumables ( Solvent , Gas , GI Wire, Tapes)	lot				
	SUB TOTAL AMOUNT OF SECOND FLOOR PA WORKS					

TOTAL			1		ī	T	1
10   10   10   10   10   10   10   10	ITEM						
Table Floor Level		DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
Table Floor Level							
Table Floor Level	(1)	(2)	(4)				
1.1 ROUGHINO INSTALTON 1.1 PYCP Rige 1.10 - (from 0) 1.10 - (f		` '	. ,				
1.1 ROUGHINO INSTALTON 1.1 PYCP Rige 1.10 - (from 0) 1.10 - (f		Third Floor Level					
1.1 PVC PIge		I nird Floor Level					
1.1 PVC PIge		4 POLICIANO INSTALTION					
1.16   15mm @   L							
1.19 4/mm 9 2. Rows_Phill Blox and Plachible Condeid and Connectors 4.49 juntition box in Cross 416 pes 4.49 square box with Connection 15 pes 1.44 punition box with Connection 15 pes 1.44 pages box with Connection 17 pes 1.45 pes							
2 Boxes - Pull Box and Florible Condeils and Connectors 4 Ask pluration but ever at 16 D 5 Consumables ( Solvest , Gas , Gi Wire, Tapes) D 5 Consumables ( Solvest , Gas , Gi Wire, Tapes) D 7 Ask pluration of Speakers, Testing and Commissioning M44 D 5 Consumables ( Solvest , Gas , Gi Wire, Tapes) D 8 STOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKS D 7 Ask pluration of Speakers, Testing and Commissioning D 8 Solvest pluration of Speakers, Testing and Commissioning D 9 Solvest pluration of Speakers, Testing and Commissioning D 9 Solvest pluration of Speakers, Testing and Commissioning D 9 Solvest pluration of HIRD FLOOR LEVEL PA WORKS D 9 Solvest pluration of HIRD FLOOR LE							
4-44 Square box with core #16   pos							
Ask square foce with clover #16   pcs			nce				
U clarge 152"   pes		•	•				
3 P.A.BOM Wire   916 AVG   m		·	•				
3 P.A. BOM Wire  #16 AND  #16 AND  #17 AND  #18 AND  #19		·					
### ### ##############################			poo				
A PA-BOM DEVICE AND EQUIPMENT Installation of Sprakers, Tasting and Commissioning M-Hr  S Consumables ( Solvent, Cas. of, Wive, Tapee) Iol SUS DTALA MOUNT OF THIS PLOOPS LEVEL PA WORKS TOTAL AMOUNT OF AUXILIARY WORKS  TOTAL AMOUNT AUXILIARY WORKS  OROUND FLOOR I 10 Man Pipe Connection for water supply I 1.1 (Fipes Sch 40 40 mm0 8 of mm0 8 of mm0 9 of m							
Initialisation of Speakers, Testing and Commissioning   M-Hr							
Initialisation of Speakers, Testing and Commissioning   M-Hr		4 PA-BGM DEVICE AND EQUIPMENT					
S Consumables ( Solvent, Cas. of Wire, Tapee)   101			M-Hr				
SUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKS							
SUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKS		5 Consumables ( Solvent , Gas , GI Wire, Tapes)	lot				
TOTAL AMOUNT AUXILARY WORKS		, , , , , , , , , , , , , , , , , , , ,					
GROUND FLOOR							
GROUND FLOOR							
1.0 Main Pipe Connection for water supply	C.4	PLUMBING AND SANITARY WORKS					
1.0 Main Pipe Connection for water supply							
1.1 Gi Pipes Sch 40							
40 mm0 x 6mtrs							
25 mm0 x 6mtrs							
1.2 Coupling			_				
40 mm/9			pc/s				
1.3 Tee Connector			,				
40 mm x 40 mm Ø			pc/s				
25 mm@ x 25 mm@   pc/s							
1.4 Elbow			_				
40 mm0			pc/s				
1.5 Reducer			no/s				
40mm@ x 32 mm@   pc/s     32mm@ x 25 mm@   pc/s     1.6 kippipe       32mm@ x 50mm   pc/s     40mm@ x 50mm   pc/s     25mm@   pc/s     25mm@   pc/s     40mm@   pc/s     40mm@   pc/s     25mm@   pc/s     40mm@   pc/s     52mm@   pc/s     40mm@   pc/s     40mm@   pc/s     40mm@   pc/s     52mm@   pc/s     52mm@   pc/s     62mm@   pc/s     72mm@   pc/s     8et   pc/s   pc/s     9et   pc/s   pc/s   pc/s   pc/s     9et   pc/s   pc/s   pc/s   pc/s     9et   pc/s   pc/s   pc/s   pc/s   pc/s   pc/s     9et   pc/s   pc/s   pc/s   pc/s			pc/s				
32mmØ x 25 mmØ			nc/s				
1.6 Nipple   23mm0 x 50mm							
32mmØ x 50mm			ρο,σ				
1.7 Union			pc/s				
40mmØ			P 47.5				
25mmØ			pc/s				
1.8 Gate Valve (Brass)		25mmØ	_				
40mmØ			1				
Description			pc/s				
1.0 Potable Lateral Water Lines & Roughing-in of Toilets		25mmØ					
Appurtenances   Shower Head   Set   Shower Valve(15mmØ)   Set   Shower Valve(15mmØ)   Set   Shower Valve(15mmØ)   Set		MEZZANINE FLOOR					
Shower Head   Set   Shower Valve(15mmØ)   Set   Shower Valve(15mmØ)   Set   Set   Shower Valve(15mmØ)   Set   Se		1.0 Potable Lateral Water Lines & Roughing-in of Toilets					
Shower Valve(15mmØ)		* *					
Faucet(15mmØ)   Set     Lavatory Wall Hung   Set     Water Closet Tank Type   Set     Urinal with Flush valve   Set     Bidet   Set     Water Line System   Set     PPR Pipes PN 16   Set     Coupling   Set   Set     Coupling   Set   Set     CommØ x 20 mmØ   Po/s     Female Thread 90 Elbow   Set   Set     Coupling   Set   Set   Set     Coupling   Set   Set   Set   Set     Coupling   Set   Set   Set   Set   Set     Coupling   Set			set				
Lavatory Wall Hung							
Water Closet Tank Type         set           Urinal with Flush valve         set           Bidet         set           Water Line System			set				
Urinal with Flush valve							
Bidet   Set							
Water Line System							
PPR Pipes PN 16         pc/s           20 mmØ x 4mtrs         pc/s           Coupling         pc/s           20 mmØ         pc/s           Equal Tee         pc/s           20 mmØ x 20 mmØ         pc/s           Female Thread 90 Elbow         pc/s           Gate Valve         pc/s           20 mmØ         pc/s			set				
20 mmØ x 4mtrs			+				
Coupling         pc/s           20 mmØ         pc/s           Equal Tee         pc/s           20 mmØ x 20 mmØ         pc/s           Female Thread 90 Elbow         pc/s           20 mmØ x 1/2         pc/s           Gate Valve         pc/s							
20 mmØ			pc/s				
Equal Tee         pc/s           20 mmØ x 20 mmØ         pc/s           Female Thread 90 Elbow         pc/s           20 mmØ x 1/2         pc/s           Gate Valve         pc/s           20 mmØ         pc/s			no/o				
20 mmØ x 20 mmØ   pc/s			pc/s				
Female Thread 90 Elbow         pc/s           20 mmØ x 1/2         pc/s           Gate Valve         pc/s           20 mmØ         pc/s			nc/e				
20 mmØ x 1/2 pc/s			μυ/5				
Gate Valve         pc/s			nc/s				
20 mmØ pc/s			Pors				
			pc/s				
	L		age 6 of 8		<u> </u>	<u> </u>	<u>I</u>

ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
	2.0 SANITARY AND WASTE SYSTEM					
	Pipes and Fittings					
	Pipes and Fittings					
	Pipes (PVC Series 1000)					
	100 mmø x 3 m	pc/s				
	50 mmø x 3 m	pc/s				
	Fittings					
	Elbow (45°)					

NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
	100 mmø	pc/s				
	50 mmø	pc/s				
	Elbow (90°)					
	100 mmø	pc/s				
	50 mmø	pc/s				
	Wye					
	100 x 100 mmø	pc/s				
	100 x 50 mmø	pc/s				
	Clean Out					
	100 mmø	pc/s				
	P-Trap					
	50 mmø	pc/s				
	Floor Drain					
	50 mmø	pc/s				
	Hangers/Support	Lot				
	Consumables	Lot				
	Testing and Commisioning	Lot				
	Pumps					
	Water Pump (Shallow)2.0 Hp	set				
	Consumable Materials	Lot				
	Testing and Commisioning	Lot				
	TOTAL AMOUNT PLUMBING AND SANITARY WORKS					
C.5	FIRE PROTECTION SYSTEM					
	GROUND FLOOR					
	Tapping of Fire Water Line					
	Piping,valve and flange connection	Lot				
	TOTAL AMOUNT FIRE PROTECTION SYSTEM					]
	TOTAL PROJECT AMOUNT					
	· · · · · · · · · · · · · · · · · · ·			1	ı	ı