

Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Science High School – MIMAROPA Region Campus

Barangay Rizal, Odiongan, Romblon 5505

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BILL OF QUANTITIES

COMPLETION OF DORMITORY BUILDING II

BARANGAY RIZAL, ODIONGAN , ROMBLON

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ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
C.0	GENERAL REQUIREMENTS					
	1.0 Mobilization/ Demobilization	lot				
	2.0 Bonds and Insurances	lot				
	3.0 Temporary facilities for Contractor	lot				
	4.0 Health Safety Requirements 5.0 As-Built Plan	lot lot				
	Sub Total: General Requiremen	IS				
C.1	ARCHITECTURAL WORKS					
	GROUND FLOOR					
	1.0 WALL PARTITION					
	a. Wall preparation for repainting works including patching works	sq.m				
	 b. Skimcoating (Fire exit stair, electrical & mechanical room) 	sq.m				
	2.0 FINISHES					
	2.1 Floor Finishes					
	a. Epoxy paint (hallway, lobby, main stairs and exit stairs)	sq.m				
	3.0 PAINTING WORKS	-				
	a. Elastomeric paint finish on plastered wall (exterior wall) Latex semi-gloss paint finish on plastered wall (Fire exit stair,	sq.m				
	b. electrical & mechanical room)	sq.m				
	C. Latex semi-gloss paint finish on plastered wall (VIP,reflection, pantry, isolation, and PWD rooms)	sq.m				
	d. Latex paint finish on slab soffit and ceiling (PWD, Isolation, VIP, Reflection, pantry, Mech&Elec. Rooms)	sq.m				
	4.0 OPENINGS					
	4.1 Doors					
	D-01 Double swing door in aluminum powder coated	set				
	D-02 Sliding door in aluminum powder coated paint	set				
	4.2 Windows					
	W-01 Window - in aluminum powder coated paint	set				
	W-02 Window - in aluminum powder coated paint	set				
	5.0 MISCELLANEOUS WORKS					
	a. Trench drain with aluminum trench cover (0.3m Width x 0.15r Depth)	n lot				
	MEZZANINE FLOOR					
	1.0 WALL PARTITION					
	 Wall preparation for repainting works including patching works (Exterior wall) 	sq.m				
	b. Skimcoating (storage room)	sq.m				
	2.0 FINISHES					
	2.1 Floor Finishes					
	a. FF-1; 300x300mm Vitrified ceramic unglazed tiles, non-slip w/ tile grout & sealer on joints (common toilet)	sq.m				
	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)	sq.m				
	b. Latex semi-gloss paint finish on plastered wall (rooms, toilet, and storage)	sq.m				
		age 1 of 6				

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	OPENI	* ·					
		Doors	NG5					
	4.1	D-03	800mm W x 2100mm H Solid panel door in varnish finish (kiln dry)	set				
	5.0	MISCE	LLANEOUS WORKS					
	5.0			-				
		a.	Toilet Partitions with Door panel & accessories	m				
		b. c.	Movable Partition with rails and roller New CHB Wall-100mm (4") CHB Walls Including plastering (storage room)	sq.m sq.m				
	SECOND							
	1.0	WALL a.	PARTITION Wall preparation for repainting works including patching works	sq.m				
		b.	(Exterior wall) Skimcoating (fire exit wall & stairs)	sq.m				
	<u>2.0</u> 2.1	FINISH Floor F	ES ïnishes					
		a.	FF-1; 600x600mm Vitrified ceramic unglazed tiles, non-slip w/	sa m				
		а. b.	tile arout & sealer on joints - including removal of existing tiles	sq.m				+
		υ.	Epoxy paint (hallway, main stair and exit stairs)	sq.m				
	3.0	PAINTI	NG 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	MISCE	LLANEOUS WORKS					
		a.	Concrete zocalo for existing toilet cubicle (including waterproofing)	lot				
		b.	Clothesline at Balcony (1/2 in. dia.G.I. Pipe)	lot				
	<u>THIRD FL</u> 1.0		ND ROOF DECK PARTITION					
		a.	Wall preparation for repainting works including patching works (Exterior wall)	sq.m				
		b.	Skimcoating (fire exit wall & starirs)	sq.m				
		FINISH						
	2.0 2.1	FINISH Floor F	inishes FF-1; 600x600mm Vitrified ceramic unglazed tiles, non-slip w/	sq.m				
		b.	tile grout & sealer on joints - including removal of existing tiles Epoxy paint (hallway, main stair and exit stairs)	sq.m				
				- 1				
	3.0		NG WORKS Elastomeric paint finish on plastered wall (exterior wall)					
		a. b.	Latex semi-gloss paint finish on plastered wall (exterior wall)	sq.m				
		D.	stairs)	sq.m				
	4.0	MISCE	LLANEOUS WORKS					
		a.	Concrete zocalo for existing toilet cubicle (including waterproofing)	lot				
		b.	Aluminum composite panel on steel framing (wall cladding)	sq.m				
			Grills at fire exit (including demolition of existing exterior wall)	-				
		C.		sq.m				
		d. e.	Aluminum Stair Nosing for all Steps (Main & Exit Stairs) Stainless Letters 0.5m Ht Building Name (Guiting-Guiting	lot lot				
		f.	Residence Hall) Clothesline at Balcony (1/2 in. dia.G.I. Pipe)	l I				
		1.	Ciotnesine at Balcony (1/2 in. dia.G.i. Pipe)	lot				
			TOTAL AMOUNT ARCHITECTURE WORKS					
2	ELECTRI	CAL WO	ORKS					
	All Floor							-
		Lighting] g Fixtures					+
	1	Lighting	Emergency Light	pcs				
			Exit Signs	pcs				
	Roof Dec	k	•					
	1	Lighting	g Fixtures					
	=		Floodlight (100 watts)	pcs				
	EXTERIO A		g and Power System					
			g and Power System t Pipes for roughing installation					
		Roughi						

			1			
ITEM	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
NO.	DESCRIPTION	Unit	QII	001 0031	AMOONT	TOTAL
(1)	(2)	(4)				
	1.1 PVC Pipe					
	20mm Ø	L				
	U Clamp 3/4"	pcs				
	2 Boxes junction box w/ cover #16	pcs				
	utility box	pcs				
	3 Wires & Cables THHN stranded	p 00				
	3.5mm ²	m				
	4 Wiring Device					
	Two gang Switch	set				
	5 Lighting Fixtures					
	Recessed LED Down Light (11 watts)	set				
	Spolight (30 watts)	set				
	5 Consumables	lot				
	Mezzanine Level (Storage Area)					
	A Lighting and Power System					
	1 Conduit Pipes for roughing installation					
	1.1 Roughing-ins					
	1.1 PVC Pipe					
	20mm Ø PVC moulding	pcs				
	pvc moulding adhesive	pcs				
	2 Boxes and Flexible Conduit					
	4x4 junction box w/ cover #16	pcs				
	utility box 3 Wires & Cables THHN stranded	pcs				
	3.5mm ²	m				
	0.000					
	4 Wiring Device					
	One gang Switch	set				
	5 Lighting Fixtures					
	Ceiling Receptacle	pcs				
	LED Bulb (10 watts)	pcs				
	6 Consumables	lot				
	Submete					
	1 Submeter	рс				
	TOTAL AMOUNT ELECTRICAL WORKS					
C 2						
C.3	AUXILIARY WORKS PA-BGM and CCTV					
	GROUND FLOOR LEVEL					
	1 ROUGHING INSTALTION					
	1.1 PVC Pipe					
	1.1a 15mm Ø 1.1b U clamp 1/2"	L				
	2 Boxes , Pull Box	pcs				
	2 Boxes , Pull Box 2.2 4x4 junction box w/ cover #16	pcs				
	2.2 TAT JUNUIUN DUA W/ 60VEL #10	pua				
	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				

NO (1) (2) (4) (4) 10 (2) (4) (4) (4) (4) 300 TOTAL AMOUNT OF GROUND FLOOR PA WORKS (4) (4) (4) (4) 300 TOTAL AMOUNT OF GROUND FLOOR PA WORKS (4) (4) (4) (4) 1000019N0 INFALTION (4) (4) (4) (4) 11.10 10 mot 0 (4) (4) (4)					1		1
4 Consumables (Solvert, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Sup TOTAL ANOUNT OF SEQUED FLOOR FANDERS Image: Consumables (Solvert, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Sup TotAl, ANOUNT OF SEQUED FLOOR FANDERS Image: Consumables (Solvert, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Sup TotAl, Solver, TotAl, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Sup TotAl, MOUNT OF SECUED FOR Constraining Image: Consumables (Solvert, Sax, 01 Wire, Taped) Image: Consumables (Solvert, Sax, 01 Wire, Taped) Sup TotAl, MOUNT OF SECUED FLOOR FLOOR FANDERS Image: Constraining Image: Constraining Image: Constraining Sup TotAl, MOUNT OF SECUED FLOOR FLOOR FANDERS Image: Constraining Image: Constraining Image: Constraining Sup TotAl, MOUNT OF SECUED FLOOR FLOOR FANDERS Image: Constraining Image: Constraining Image: Constraining Sup TotAl, MOUNT OF SECUED FLOOR FLOOR FANDERS Image: Constraining Image: Constraining Image: Constraining Sup TotAl, MOUNT OF SECUED FLOOR FLOOR FANDERS Image: Constraining Image: Constraining Image: Constraining		DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
BUB TOTAL ANSOUNT OF ORDUND FLOOR PA WORKS	(1)	(2)	(4)				
Second Floor Level -		4 Consumables (Solvent , Gas , GI Wire, Tapes)	lot				
I ROUCHNO INSTALTON		SUB TOTAL AMOUNT OF GROUND FLOOR PA WORKS					
I ROUCHNO INSTALTON		Second Floor Loval					
1.1 PVC Pipe							
1.1.1 1.1.0 4000 L C 2 Boxe, Pull Box and Champs pa C C 4 Add squarts how show 116 pa C C 1 4.4.4 squarts how show 116 pa C C 1 4.4.4 squarts how show 116 pa C C 1 1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4							
2 Doors, Jull Box and ClampsIMI			L				
Add protein tox with over #16pcII			L				
Image: state of the state o			pcs				
Using 1/2" 3 PAGM Wire 918 AVGmmm<		• • • • • • • • • • • • • • • • • • •	pcs				
3 PA-B30 Wire m m m m m m MADAME m m m m m MADAME m m m m m Mathematics Second							
#16 AVG m <			pcs				
Installation of Speakers, Testing and Commissioning M+Hr Image			m				
Instalation of Speakers, Testing and Commissioning MHri Image I							
S Consumables (Solvent, Gas, Gl Wire, Tapes) I <td></td> <td></td> <td>M-Hr</td> <td></td> <td></td> <td></td> <td></td>			M-Hr				
NUMBER NUMBER<			lat				
Image from the prior termImage from term <td< td=""><td></td><td>5 Consumables (Solvent , Gas , Gi wire, Tapes)</td><td>101</td><td></td><td></td><td></td><td></td></td<>		5 Consumables (Solvent , Gas , Gi wire, Tapes)	101				
Industrie of the second seco		SUB TOTAL AMOUNT OF SECOND FLOOR PA WORKS					
1.1 PVC Pipe111 <th< td=""><td></td><td>Third Floor Level</td><td></td><td></td><td></td><td></td><td></td></th<>		Third Floor Level					
1.1a1.1b4.0mm // 4.0mm		1 ROUGHING INSTALTION					
1.1b40mm ØLII<							
2 Boxes, Puil Box and Flaxible Conduit and ConnectorsImage: Conduit and Connectors <thimage: connector<="" th="">Image:</thimage:>							
4x4 junction box w/ over #16 pcs 4x4 square box w/th cover #16 pcs U clamp 1/2" pcs U clamp 1/2" pcs 3 PA-BGM Wire #16 AWG m #16 AWG m #16 AWG m #16 AWG m 1 A PA-BGM DEVICE AND EQUIPMENT Instalation of Speakers, Testing and Commissioning M-Hr 5 Consumables (Solvent, Gas, Gl Wire, Tapes) lot SUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKS TOTAL AMOUNT AUXILARY WORKS GROUND FLOOR 1.0 Main Pipe Connection for water supply 1.1 GI Pipes Sch 40 4.0 mm0 × 6mtrs pc/s 1.1 GI Pipes Sch 40 <t< td=""><td></td><td></td><td>L</td><td></td><td></td><td></td><td></td></t<>			L				
U clamp 1/2" pcs Image: Constraint of the second s			pcs				
U clamp 1 1/2" pcs Image: Clamp 2 and Clamp 2		· ·					
3 PA-BGM WireIIIII#16 AWGmmIIII4 PA-BGM DEVICE AND EQUIPMENTInstallation of Speakers, Testing and CommissioningM-HrIIIInstallation of Speakers, Testing and CommissioningM-HrIIIIISUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKSIII							
#16 AWG m Image: Constraint of the second			pcs				
Installation of Speakers, Testing and CommissioningM-HrImage: Constant of Speakers, Testing and CommissioningImage: Constant of Speakers, Testing and CommissioningM-HrImage: Constant of Speakers, Testing and CommissioningImage: Constant of Speakers, Testing and Commissioning and Commission			m				
Installation of Speakers, Testing and Commissioning M-Hr 5 Consumables (Solvent, Gas, Gl Wire, Tapes) lot SUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKS Image: Constant of the second							
SUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKSIn <td></td> <td></td> <td>M-Hr</td> <td></td> <td></td> <td></td> <td></td>			M-Hr				
SUB TOTAL AMOUNT OF THIRD FLOOR LEVEL PA WORKSIn <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
TOTAL AMOUNT AUXILIARY WORKSImage: state in the state in t			lot				
Image: symple index							
Image: section of the section of th							
1.0 Main Pipe Connection for water supplyII	C.4	PLUMBING AND SANITARY WORKS					
1.1 Gl Pipes Sch 40 pc/s cline cline </td <td></td> <td>GROUND FLOOR</td> <td></td> <td></td> <td></td> <td></td> <td></td>		GROUND FLOOR					
40 mmØ x 6mtrs pc/s 25 mmØ x 6mtrs pc/s 1.2 Coupling 40 mmØ pc/s 40 mmØ pc/s 40 mmØ pc/s </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
25 mmØ x 6mtrs pc/s 1.2 Coupling 40 mmØ pc/s 1.3 Tee Connector 40 mm x 40 mm Ø pc/s 25 mmØ x 25 mmØ pc/s <							
1.2 Couplingnnn <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
40 mmØ pc/s Image: model of the symbol			pc/s				
1.3 Tee Connector I			pc/s				
25 mmØ x 25 mmØ pc/s 1.4 Elbow 40 mmØ pc/s 1.5 Reducer		1.3 Tee Connector					
1.4 Elbow n							
40 mmØ pc/s constraint pc/s constraint constraint <thconstraint< th=""> constraint</thconstraint<>			pc/s				
1.5 Reducer I <th< td=""><td></td><td></td><td>pc/s</td><td></td><td></td><td></td><td></td></th<>			pc/s				
32mmØ x 25 mmØ pc/s constraints 1.6 Nipple - - 32mmØ x 50mm pc/s - 1.7 Union - -							
1.6 Nipple Image: Solution of the second secon			pc/s				
32mmØ x 50mm pc/s			pc/s				
1.7 Union 1.7 Union			nc/s				
			pc/s				
		40mmØ	pc/s				
25mmØ pc/s Page 4 of 6		25mmØ	pc/s				

ITEM						
NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
	1.8 Gate Valve (Brass)					
	40mmØ	pc/s				
	25mmØ	pc/s				
	MEZZANINE FLOOR					
	1.0 Potable Lateral Water Lines & Roughing-in of Toilets					
	Appurtenances					
	Shower Head	set				
	Shower Valve(15mmØ)	set				
	Faucet(15mmØ)	set				
	Lavatory Wall Hung	set				
	Water Closet Tank Type	set				
	Urinal with Flush valve	set				
	Bidet	set				
	Water Line System					
	PPR Pipes PN 16					
	20 mmØ x 4mtrs	pc/s				
	Coupling					
	20 mmØ	pc/s				
	Equal Tee					
	20 mmØ x 20 mmØ	pc/s				
	Female Thread 90 Elbow					
	20 mmØ x 1/2	pc/s				
	Gate Valve					
	20 mmØ	pc/s				
	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°)					
	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					

ITEM NO.	DESCRIPTION	Unit	QTY	UNIT COST	AMOUNT	TOTAL
(1)	(2)	(4)				
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					