

UNIVERSITY OF THE PHILIPPINES MANILA

Campus Planning, Development and Maintenance Office Padre Faura St. Ermita, Manila 1000, Philippines Tel: (632) 525 2233 • (632) 526 8420 • (632) 814 1258 • (632) 814 1257



PROJECT

: RESTORATION AND RENOVATION OF LARA HALL

LOCATION

: Ground Floor and Second Floor, Lara Hall

College of Public Health

University of the Philippines Manila

SUBJECT

: BIDFORM

TEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
1.00	GENERAL REQUIREMENTS				
	Mobilization & Demobilization	1.00	lot		
	Warehouse, board ups, canvass/temporary covering and safety	1.00	lot		
	signages	1.00	1-1		
	Temporary Field Office and Living Quarters	1.00	lot		
	Health and Safety (PPE, Medkit, Medical check-up/testing as required for new normal etc.)	1.00	lot		
	Permits and Licences (Electrical Permit, Renovation/Building Permit, Mechanical Permit, NHCP Development Permit etc.).	1.00	lot		
	TOTAL GENERAL REQUIREMENTS				
2.00	DEMOLITION WORKS				
	Removal of Existing Architectural Finishes, Electrical, Auxiliary, Plumbing, Mechanical and Fire Protection System	1.00	Lump Sum		
	TOTAL GENERAL REQUIREMENTS				
3.00	ARCHITECTURAL WORKS				
	GROUND FLOOR				
	MA COMPANION CO				
	MASONRY WORKS 150 mm thick Chb	487.76			
		975.52	sq.m		
	Plastering Sub-total Amount	973.32	sq.m		
	METALS String Tube to Strate and String Tube to St				
	Stair Railings , Tubular Steel and Gate	240.02	1 _{ec} .		
	50 mm B.I. Pipe Stair	240.82	lm		
	50 mm SS Railings and Ramp 5 mm Thick Checkered Plate	53.20 29.66	l.m		
	Groove Nosing	125.00	sqm lm		
	Sub-total Amount	125.00	1111		
	THERMAL AND MOISTURE PROTECTION				
	THERMAL AND MOISTURE PROTECTION Waterproofing				

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	WD4E 11 C W W C 1 C W C D	1			1
	WP-1 Flexible Cementitious Waterproofing by Crystalization Rigid				
	Cement Based Single Componet Polymer Modified Waterproofing that	155.00	sq.m		
	Withstand Hydrostatic Pressure Hard and Abrasion Resistant, Vapor Permeable and VOC Complaint				
	Sub-total Amount				
	Sub total i mount				
	OPENINGS				
	Doors including Jambs & Finish Hardwares				
	· ·				
	ED1 -Existing Double Leaf Wooden Door with Fixed Windows (to be	1.00	рс		
	restored and refurbish) such as re-sanding, revarnish etc.		•		
	ED2-Existing Double Leaf Wooden Door with Fixed and Awning				
	Windows (to be restored and refurbish) such as re-sanding, revarnish	3.00	pcs		
	etc.				
	ED3-Existing Single Leaf Wooden Door with Fixed and Awning				
	Windows (to be restored and refurbish) such as re-sanding, revarnish	6.00	pcs		
	etc.				
	ED4a-Existing Single Leaf Wooden Door with Fixed Windows (to be	4.00	nce		
	restored and refurbish) such as re-sanding, revarnish etc.	4.00	pcs		
	ED4b-Existing Single Leaf Wooden Door with Fixed Windows (to be	3.00	pcs		
	restored and refurbish) such as re-sanding, revarnish etc.		1		
	D5-UPVC Double Sliding Glass Door and Fixed Windows with	1.00	ne		
	complete hardware accessories	1.00	pc		
	ED6-Existing Double Leaf Door (to be restored and refurbish) such as	2.00	pcs		
	re-sanding, revarnish etc.		1		
	D6-45mm thk. Hollow Metal Door Gauge 18 with Steel Louver Panel				
	in Automative Lacquer Paint Finish on Hollow Metal Frames with complete hardware accessories (Ball Bearing Hinges, Lever Type, Lock	3.00	pcs		
	sets, Deadbolts)				
	ED7a-Existing Single Leaf Door with Louver (to be restored and				
	refurbish) such as re-sanding, revarnish etc.	3.00	pcs		
	ED7c -Existing Single Leaf Wooden Door with Louver (to be restored	4.00	1-		
	and refurbish) such as re-sanding, revarnish etc.	4.00	sets		
	ED8-Existing Single Leaf Wooden Door with Louver (to be restored	2.00	pcs		
	and refurbish) such as re-sanding, revarnish etc.	2.00	Pes		
	D9- 45mm thk. Gauge 18mm Fire Rated Single Leaf Metal Door				
	1.00mx2.40m in Automative Lacquer Paint Finish with complete	4.00	pcs		
	hardware accessories (Ball Bearing Hinges, Panic Hardware, Lever		•		
-	Trim)			1	
	D10A- 45mm thk. Single Leaf Hollow Metal Door 0.90mx2.10m in				
	Automative Lacquer Paint Finish on 1.3mm thk Gauge in Hollow Metal	1.00	рс		
	Frames with complete hardware accessories (Ball Bearing Hinges, Door		1		
	Knobs, Lock sets, Deadbolts)				
	Windows including Frames and Accessories				
	EW1- Existing Steel Awning Window (to be restored and refurbish)	17.00	pcs		
<u> </u>	such as re-sanding, repainting etc.		г ***		
	W1a- Existing Window E-1 Portion to be Demolish to Provide Fire Exit	1.00			
	Door in Compliance with Fire Code. Panic Door will Adjust Based on Interior Floor Level	1.00	pc		
	W1b- Existing Window E-1 from Exterior View Louver Casement				
	Window from Interior View (Provide Shutters/Roller Blinds to Block	4.00	pcs		
	Off Light)	1.00	P-00		
	W1c - Existing Window E-1 from Exterior View Louver Casement Window from Interior View Portin to be demolish to provide fire exit				
	Window from Interior View . Portin to be demolish to provide fire exit door in Compliance with Fire Code. Panic Door will Adjust Based on	2.00	pcs		
	Interior Floor Level (Provide Shutters/Roller Blinds to Block Off Light)				
<u> </u>	The state of the s				

BID FORM 2/29

	EW2-Existing Steel Awning Window (to be restored and refurbish)	7.00	pcs		
	such as re-sanding, repainting etc.		r **		
	W11-50 mm x 100 mm Analok Finish Aluminum Frame with 12 mm				
	Tempered Glass with Stainless Steel Recessed Deal Tray (Transaction	1.00	pc		
	Window)				
	W12- Louver Window with 6mm Thick Aluminum Powder Coated	4.00			
	Finish	1.00	pc		
	W13- Louver Window with 6mm Thick Aluminum Powder Coated				
	Finish	4.00	pcs		
	Thust				
	Crib total Amount				
	Sub-total Amount				
	FINISHES				
	Floor Finishes				
	FF-1 600 mm x 600 mm Concrete Tiles	472.00	sqm		
	FF-2 600 mm x 600 mm Porcelain Tiles (Unglazed)	76.20	sqm		
	FF-5 Bare Concrete Finish	60.30	sqm		
	FF-6 3mm thk Rolled Vinyl	40.70	sqm		
	FF-7 Granite Tile	69.90	sqm		
	Screeding 20 mm thick	618.10	sqm		
		-			
	Screeding 36 mm thick	40.70	sqm		
	Wall Finishes				
	100 mm Thick Drywall	160.72	sqm		
	WF-1a Exterior Plain Semi Gloss Acrylic Solvent Based Coating Paint	989.79			
	Finish	989.79	sqm		
	WF-1b Interior Plain Semi Gloss Acrylic Solvent Based Coating Paint	4 404			
	Finish	1,481.72	sqm		
	WF-3 300 mm x 600 mm Porcelain Tiles	265.68	sqm		
	THE STOCK MAN A GOOD MAN I STEELMAN THES	200.00	Sqiii		
	Ceiling Finishes				
	Centing Philisties				
	CF-01 12mm THK. Gypsum Board in Flat Paint Finish on Aluminum T	505.20			
	Runner Framing Spaced @ 600 x 600 on Center Bothways	505.30	sq.m		
	CF-02 12mm THK. Moisture Resistance Gypsum Board in Flat Paint				
	Finish on Aluminum T Runner Framing Spaced @ 600 x 600 on Center	74.40	sq.m		
	Bothways				
	EXP-1 Exposed Slab in Paint Finish	92.80	sq.m		
			_		
	Epoxy Painting (Steel Railings)	145.37	sq.m		
			t		
	Sub-total Amount				
	Sub-total Amount				
ļ	CDD CV A V TYPE				
	SPECIALTIES				
	Toilet Accessories				
	Toilet Partition	9.00	pcs		
	Large Toilet Partiton	2.00	pcs		
	Lavatory Under Mount Oval Lavatory	19.00	pcs		
	Countertop Granite Finish	17.00	lm		
	Urinal	7.00	pcs		
	Watercloset Flush Valve Siphon Wash Flashing	15.00	pcs		
 	Urinal Partition	5.00			
I	Slope Sink	+	pcs		
	DIODE SHK	1.20	lm	+	
	1	1 00			i
	SS Grab Bar L Type	1.00	pc		
	SS Grab Bar L Type 6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600		•		
	SS Grab Bar L Type	1.00	pcs		
	SS Grab Bar L Type 6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600		•		
	SS Grab Bar L Type 6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600 mm W x 800 mm H SS	19.00	pcs		
	SS Grab Bar L Type 6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600 mm W x 800 mm H SS 100 mm x 100 mm Stainless Floordrain	19.00 15.00	pcs pcs		
	SS Grab Bar L Type 6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600 mm W x 800 mm H SS 100 mm x 100 mm Stainless Floordrain Stainless Sink	19.00 15.00 1.00	pcs pcs pc		
	SS Grab Bar L Type 6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600 mm W x 800 mm H SS 100 mm x 100 mm Stainless Floordrain Stainless Sink	19.00 15.00 1.00	pcs pcs pc		

BID FORM 3/29

FII Wa 100 Gla	Sub-total Amount ROUND MEZZANINE FLOOR			
FII Wa 100 Gla				
FII Wa 100 Gla	ROUND MEZZANINE FLOOR			+
Wa 100 Gla	HOURS MEEELM IN 12 12 OOK			
W a 100 Gla				+
W a 100 Gla	INISHES			+
100 Gla				
100 Gla	Vall Finishes			
Gla	00 mm Thick Drywall	11.94	sqm	
	lass Railings 12 mm Tempered	23.80	lm	
AC	ccess Panel Door G.A 18 800x800	2.00	pcs	
Ac	ccess Panel Door G.A 18 373 x 373	1.00	рс	
-	Sub-total Amount			
SF	ECOND FLOOR			_
52				
M.	IASONRY WORKS			
	50 mm thk Chb	254.48	sq.m	
Pla	astering	508.96	sq.m	
	Sub-total Amount			_
M	IETALS			
IVI	ETALS			-
Sta	air Railings , Tubular Steel and Gate			
) mm B.I. Pipe Stair	92.80	lm	
	0 mm SS Railings and Ramp	30.90	lm	
	mm Thick Checkered Plate	30.90	sqm	
	roove Nosing	56.00	lm	
	Sub-total Amount			
	HERMAL AND MOISTURE PROTECTION			
	Vaterproofing VP-1 Flexible Cementitious Waterproofing by Crystalization Rigid			_
	ement Based Single Componet Polymer Modified Waterproofing that			
	7ithstand Hydrostatic Pressure Hard and Abrasion Resistant, Vapor	105.35	sq.m	
	ermeable and VOC Complaint			
10.	Sub-total Amount			
	PENINGS			
	oors including Jambs & Finish Hardwares			
	D2-Existing Double Leaf Wooden Door with Fixed and Awning			
	indows (to be restored and refurbish) such as re-sanding, revarnish	2.00	pcs	
etc				_
	D3-Existing Single Leaf Wooden Door with Fixed and Awning	2.00		
	lindows (to be restored and refurbish) such as re-sanding, revarnish	3.00	pcs	
etc				
EC	D4a-Existing Single Leaf Wooden Door with Fixed Windows (to be	23.00	pcs	
res	stored and refurbish) such as re-sanding, revarnish etc.	25.00	PCS	
pr	Oth Eviating Single Leaf Was deep Dearweith Ether Little description			1
	D4b-Existing Single Leaf Wooden Door with Fixed Windows (to be	1.00	pc	
res	stored and refurbish) such as re-sanding, revarnish etc.			
ED	D7a-Existing Single Leaf Door with Louver (to be restored and	2.00	200	
ref	furbish) such as re-sanding, revarnish etc.	3.00	pcs	
EC	D7b -Existing Single Leaf Wooden Door with Louver (to be restored	1.00	рс	

BID FORM 4/29

	1			
ED7c -Existing Single Leaf Wooden Door with Louver (to be restored	2.00	pcs		
and refurbish) such as re-sanding, revarnish etc.		r		
ED8-Existing Single Leaf Wooden Door with Louver (to be restored	2.00	pcs		
and refurbish) such as re-sanding, revarnish etc.	2.00	Peo		
D9- 45mm thk. Gauge 18mm Fire Rated Single Leaf Metal Door				
1.00mx2.40m in Automative Lacquer Paint Finish with complete	2.00	nce		
hardware accessories (Ball Bearing Hinges, Panic Hardware, Lever	2.00	pcs		
Trim)				
D9A- 45mm thk. Gauge 18mm Fire Rated Single Leaf Metal Door				
1.00mx2.125m in Automative Lacquer Paint Finish with complete	4.00			
hardware accessories (Ball Bearing Hinges, Panic Hardware, Lever	1.00	pc		
Trim)				
D10A- 45mm thk. Single Leaf Hollow Metal Door 0.90mx2.10m in				
Automative Lacquer Paint Finish on 1.3mm thk Gauge in Hollow Metal	1.00	pc		
Frames with complete hardware accessories (Ball Bearing Hinges, Door	-1.00	r		
Knobs, Lock sets, Deadbolts)				
D10B- 45mm thk. Single Leaf Hollow Metal Door 0.80mx2.10m in				
Automative Lacquer Paint Finish on 1.3mm thk Gauge in Hollow Metal	1.00	ne		
Frames with complete hardware accessories (Ball Bearing Hinges, Door	1.00	pc		
Knobs, Lock sets, Deadbolts)				
TAT' 1 ' 1 1' T				
Windows including Frames and Accessories				
EW3-Existing Steel Awning Window (to be restored and refurbish)	24.00	pcs		
such as re-sanding, repainting etc.				
EW3-Existing Steel Awning Window (to be restored and refurbish)	1.00	pc		
such as re-sanding, repainting etc.		F -		
EW4-Existing Steel Awning Window (to be restored and refurbish)	6.00	pcs		
such as re-sanding, repainting etc.		F		
EW4-Existing (EW-4) Portion to be Demolish to Provide Fire Exit				
Door in Compliance with Fire Code. Panic Door will Adjust Based on	1.00	pc		
Interior Floor Level				
Sub-total Amount				
FINISHES				
Floor Finishes				
FF-1 600 mm x 600 mm Homogenous Porcelain Tiles	766.70	sqm		
FF-2 600 mm x 600 mm Porcelain Tiles (Unglazed)	42.20	sqm		
FF-5 Bare Concrete Finish	9.20	sqm		
FF-6 3mm thk Rolled Vinyl	36.60	sqm		
FF-7 Granite Tile	44.50	sqm		
Screeding 20 mm thick	853.40	sqm		
Screeding 36 mm thick	36.60			
perceding of him tiller	55.00	sqm	 	+
Wall Finishes			+	+
	410 FC		 	+
100 mm Thick Drywall	418.56	sqm		
WF-1a Exterior Plain Semi Gloss Acrylic Solvent Based Coating Paint	489.73	sqm		
Finish		-	-	1
WF-1b Interior Plain Semi Gloss Acrylic Solvent Based Coating Paint	4.045.05	sqm		
Finish	1,947.07		-	-
WF-3 300 mm x 600 mm Porcelain Tiles	134.46	sqm		
Operable Wall	52.15	sqm		1
				1
Ceiling Finishes			1	
CF-01 12mm THK. Gypsum Board in Flat Paint Finish on Aluminum T				
Runner Framing Spaced @ 600 x 600 on Center Bothways	743.96	sq.m		
ramici Francia opacea & 000 x 000 on center bottiways			<u> </u>	

BID FORM 5/29

	1			
CF-02 12mm THK. Moisture Resistance Gypsum Board in Flat Paint				
Finish on Aluminum T Runner Framing Spaced @ 600 x 600 on Center	37.20	sq.m		
Bothways				
EXP-1 Exposed Slab in Paint Finish	44.00	sq.m		
Epoxy Painting (Steel Railings)	82.36	sq.m		
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		1		
Sub-total Amount				
Sub-total Amount				
SPECIALTIES				
Toilet Accessories				
Toilet Partiton	7.00	pcs		
Lavatory Under Mount Oval Lavatory	9.00	pcs		
Countertop Granite Finish	8.80	lm		
Urinal	5.00	pcs		
Watercloset Flush Valve Siphon Wash Flashing	9.00	pcs		
Urinal Partition	3.00	pcs		
	+			
Slope Sink	0.85	lm		
SS Grab Bar 1 Type	1.00	pc		
6 mm thick Glass Mirror Satin Finish Anodized Aluminum Frame 600	9.00	pcs		
mm W x 800 mm H SS		r		
100 mm x 100 mm Stainless Floordrain	8.00	pcs		
Stainless Sink	3.00	pcs		
Faucet	12.00	pcs		
Caseworks		•		
Overhead Cabinet (300mm width) and Below Counter Cabinet	8.30	lm		
e verificate capitate (coordina Watari) and Beto Westanter capitate	0.50			
Sub-total Amount				
Sub-total Amount				
TOTAL ARCHITECTURAL				
			1	
4.00 FIRE PROTECTION SYSTEM				
4.00 FIRE PROTECTION SYSTEM				
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS				
4.00 FIRE PROTECTION SYSTEM				
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor				
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly		Di (
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm)	1.00	Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm)	1.00	Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm)				
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm)	1.00	Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch	1.00 1.00	Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve	1.00 1.00 1.00	Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass	1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve	1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge	1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve	1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge	1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm)	1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection	1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection	1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s Unit/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s Unit/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection Check Valve, 6" Ø (150 mm)	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s Unit/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection Check Valve, 6" Ø (150 mm) Fire Hose Valve	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection Check Valve, 6" Ø (150 mm)	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s Unit/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection Check Valve, 6" Ø (150 mm) Fire Hose Valve Fire Hose Valve, 2-1/2" Ø (65 mm) - Dry Standpipe Connection	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s Unit/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection Check Valve, 6" Ø (150 mm) Fire Hose Valve	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s		
4.00 FIRE PROTECTION SYSTEM FIRE PROTECTION DISTRIBUTION MATERIALS Ground Floor Floor Control Valve Assembly OS&Y Gate Valve, 4" Ø (100 mm) Water Flow Switch, 4" Ø (100 mm) Supervisory Switch 25 mm Ø Test & Drain Valve 32 mm Ø Section Drain Valve 25 mm Sight Glass Pressure Gauge Flushing Valve Flushing Valve Flushing Valve, 1-1/2" Ø (40 mm) Fire Department Connection 65 mm Ø (2-way) x 100 mm Ø AFSS Fire Dep't. Connection 65 mm Ø (2-way) x 100 mm Ø DSP Fire Dep't. Connection Check Valve, 6" Ø (150 mm) Fire Hose Valve Fire Hose Valve, 2-1/2" Ø (65 mm) - Dry Standpipe Connection	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Piece/s Unit/s Unit/s Piece/s		

BID FORM 6/29

to include multipurpose 10 lbs. (4.54 kg) ABC dry chemical fire extinguisher				
B.I. Pipe Sch. 40 x 6 m Length				
100 mm Ø	21.00	Lanath		
75 mmØ		Length		
	4.00	Length		
65 mm Ø 50 mm Ø	6.00	Length		
	4.00	Length		
40 mm Ø	9.00	Length		
32 mm Ø	7.00	Length		
25 mm Ø	36.00	Length		
B.I. Fittings	1.00	Lot		
D: 11 10	1.00	т.		
Pipe Hanger and Support	1.00	Lot		
Consumable Materials	1.00	Lot		
To the second se	1.00	Ŧ.		
Testing and Commissioning (Pressure Leak Test)	1.00	Lot		
Sub-Total Amount				
Ground Floor Mezzanine				
B.I. Pipe Sch. 40 x 6 m Length				
100 mm Ø	2.00	Length		
75 mmØ	4.00	Length		
50 mm Ø	6.00	Length		
40 mm Ø	7.00			
		Length		
32 mm Ø 25 mm Ø	5.00 9.00	Length Length		
25 mm Ø	9.00	Lengin		
B.I. Fittings	1.00	Lot		
Pipe Hanger and Support	1.00	Lot		
Consumable Materials	1.00	Lot		
Testing and Commissioning (Pressure Leak Test)	1.00	Lot		
Sub-Total Amount				
Second Floor				
Floor Control Valve Assembly				
OS&Y Gate Valve, 4" Ø (100 mm)	1.00	Piece/s		
Water Flow Switch, 4" Ø (100 mm)	1.00	Piece/s		
Supervisory Switch	1.00	Piece/s	1	
25 mm Ø Test & Drain Valve	1.00	Piece/s	1	
32 mm Ø Section Drain Valve	1.00	Piece/s	1	
25 mm Sight Glass	1.00	Piece/s		
Pressure Gauge	1.00	Piece/s		
 Elushina Valva (Namally Class J)				
Flushing Valve (Normally Closed)	1.00	Dia /-	1	
1-1/2" Ø (40 mm)	1.00	Piece/s		
Fire Hose Valve				
Fire Hose Valve, 2-1/2" Ø (65 mm) - Dry Standpipe Connection	1.00	Piece/s		
Fire Hose Cabinet	1.00	Set/s		İ

BID FORM 7/29

	Fire Hose Cabinet - Complete with standard accessories				
	to include multipurpose 10 lbs. (4.54 kg) ABC dry chemical fire				
	extinguisher				
	B.I. Pipe Sch. 40 x 6 m Length				
		F 00	T (1		
	100 mm Ø	5.00	Length		
	75 mmØ	4.00	Length		
	65 mm Ø	4.00	Length		
	50 mm Ø	5.00	Length		
	40 mm Ø	11.00	Length		
	32 mm Ø	12.00	Length		
	25 mm Ø	35.00	Length		
			_		
	B.I. Fittings	1.00	Lot		
			_		
	Pipe Hanger and Support	1.00	Lot		
	Consumable Materials	1.00	Lot		
	Testing and Commissioning (Pressure Leak Test)	1.00	Lot		
	Sub-Total Amount				
	TOTAL FIRE PROTECTION SYSTEM				
5.00	PLUMBING & SANITARY WORKS				
	STORM DRAINAGE SYSTEM				
	Site Development and Ground Floor				
	-				
	Concrete Pipe				
	250 mm Ø	43.00	Linear Meter/s	5	
	200 mm Ø	88.00	Linear Meter/s	3	
	150 mm Ø	38.00	Linear Meter/s	5	
	PVC Pipe, Series 1000, 3m Length				
	250 mm Ø	16.00	Length		
	200 mm Ø	13.00	Length		
	150 mm Ø	6.00	Length		
	100 mm Ø	44.00	Length		
	Condensate Drain				
	PVC Pipe, Series 1000, 3m Length				
	100 mm Ø	4.00	Length		
	50 mm Ø	43.00	Length		
	PVC Blue Pipe, 3 m Length				
	32 mm Ø	14.00	Length		
	25 mm Ø	15.00	Length		
	Rubber Insulation	-0.00	Zengui		
	100 mm Ø x 2 m L x 25 mm Thick	6.00	Length		
	50 mm Ø x 2 m L x 25 mm Thick	65.00	Length		
	32 mm Ø x 2 m L x 25 mm Thick	21.00	Length		
	25 mm Ø x 2 m L x 25 mm Thick	23.00	Length		
	25 min 2 × 2 m E × 25 min mick	20.00	Lengui		
	Floor Clean-out (Brass)				
					+
		1 00	Pioce/e		
	50 mm Ø	1.00	Piece/s		
	50 mm Ø	1.00	Piece/s		
	50 mm Ø Ground Clean-out (Brass)				
	50 mm Ø	1.00 1.00 2.00	Piece/s Piece/s Piece/s		

BID FORM 8/29

			1
150 mm Ø	1.00	Piece/s	
100 mm Ø	2.00	Piece/s	
50 mm Ø	5.00	Piece/s	
Ceiling Clean-out (PVC)			
50 mm Ø	2.00	Piece/s	
32 mm Ø	6.00	Piece/s	
32 Hill Ø	6.00	riece/s	
Area Drain (Flat Bar Grating Cover)			
600 mm x 600 mm	9.00	Piece/s	
Manhole Cover			
600 mm Ø C.I. Pressure Type, Water Tight	2.00	Assembly	
300 mm x 300 mm C.I. Heavy Duty Traffic Type	6.00	Assembly	
500 mm x 500 mm cm ricary 5 acy riamic type	0.00	11000111019	
Ladder Rung	4.00	A	
Lauder Kung	4.00	Assembly	
Backwater Valve			
200 mm Ø	1.00	Piece/s	
Pipe Connectors, Fittings and Accessories	1.00	Lot	
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	
Miscellaneous and Consumables	1.00	Lot	
Excavation Work	1.00	Lot	
		1	
Backfilling and Compaction Work (Labor Only)	1.00	Lot	
Testing Works (Leak and Gravity Test)	1.00	Lot	
Dismantling, Chipping & Restoration Works	1.00	Lot	
Sub-Total Amount			
Mezzanine Ground Floor			
Wezzaimie Giounu Piooi			
DVC Pine Code 1000 2m Length			
PVC Pipe, Series 1000, 3m Length			
100 mm Ø	19.00	Length	
Condensate Drain			
PVC Pipe, Series 1000, 3m Length			
100 mm Ø			
Rubber Insulation	2.00	Length	
	2.00	Length	
100 (X 2 I 25 Third			
100 mm Ø x 2 m L x 25 mm Thick	2.00 3.00	Length Length	
	3.00	Length	
Pipe Connectors, Fittings and Accessories	3.00	Length Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle	3.00 1.00 1.00	Length	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables	3.00	Length Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle	3.00 1.00 1.00	Length Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables	3.00 1.00 1.00 1.00	Length Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test)	3.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test)	3.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works	3.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount	3.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor	3.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length	3.00 1.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø	3.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length	3.00 1.00 1.00 1.00 1.00 1.00	Length Lot Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø	3.00 1.00 1.00 1.00 1.00 1.00 30.00	Length Lot Lot Lot Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø 100 mm Ø	3.00 1.00 1.00 1.00 1.00 1.00 30.00	Length Lot Lot Lot Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø 100 mm Ø Condensate Drain	3.00 1.00 1.00 1.00 1.00 1.00 30.00	Length Lot Lot Lot Lot Lot Lot Lot Lot	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø 100 mm Ø Condensate Drain PVC Pipe, Series 1000, 3m Length	3.00 1.00 1.00 1.00 1.00 1.00 27.00	Length Lot Lot Lot Lot Lot Lot Lot Lot Lot Lo	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø 100 mm Ø Condensate Drain PVC Pipe, Series 1000, 3m Length 100 mm Ø	3.00 1.00 1.00 1.00 1.00 1.00 27.00	Length Lot Lot Lot Lot Lot Lot Lot Lot Lot Lo	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø 100 mm Ø Condensate Drain PVC Pipe, Series 1000, 3m Length 100 mm Ø 75 mm Ø	3.00 1.00 1.00 1.00 1.00 1.00 2.00 3.00 27.00 3.00 4.00	Length Lot Lot Lot Lot Lot Lot Lot Lot Lot Lo	
Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Gravity Test) Dismantling, Chipping & Restoration Works Sub-Total Amount Second Floor PVC Pipe, Series 1000, 3m Length 250 mm Ø 100 mm Ø Condensate Drain PVC Pipe, Series 1000, 3m Length 100 mm Ø	3.00 1.00 1.00 1.00 1.00 1.00 27.00	Length Lot Lot Lot Lot Lot Lot Lot Lot Lot Lo	

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32 mm Ø	25.00	Longeth	1
32 mm Ø 25 mm Ø	34.00	Length	
	34.00	Length	
Rubber Insulation	5 00	T (1	
100 mm Ø x 2 m L x 25 mm Thick	5.00	Length	
75 mm Ø x 2 m L x 25 mm Thick	6.00	Length	
50 mm Ø x 2 m L x 25 mm Thick	26.00	Length	
32 mm Ø x 2 m L x 25 mm Thick	38.00	Length	
25 mm Ø x 2 m L x 25 mm Thick	51.00	Length	
Ceiling Clean-out (PVC)			
100 mm Ø	2.00	Piece/s	
75 mm Ø	1.00	Piece/s	
50 mm Ø	2.00	Piece/s	
32 mm Ø	6.00	Piece/s	
	4.00	_	
Pipe Connectors, Fittings and Accessories	1.00	Lot	
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	
Miscellaneous and Consumables	1.00	Lot	
Testing Works (Leak and Gravity Test)	1.00	Lot	
Dismantling, Chipping & Restoration Works	1.00	Lot	
Sub-Total Amount			
SEWER AND VENT SYSTEM			
Site Development and Ground Floor			
HDPE Pipe, SDR 26, 6m Length			
200 mm Ø	19.00	Length	
150 mm Ø	12.00	Length	
PVC Pipe, Series 1000, 3m Length			
200 mm Ø	21.00	Length	
150 mm Ø	15.00	Length	
100 mm Ø	44.00	Length	
75 mm Ø	22.00	Length	
50 mm Ø	141.00	Length	
Floor Drain (Brass Top w/ Cast Iron Body)			
100 mm Ø	13.00	Piece/s	
75 mm Ø	2.00	Piece/s	
50 mm Ø	5.00	Piece/s	
		11000/5	
Floor Clean-out (Brass)		1	
150 mm Ø	9.00	Piece/s	
100 mm Ø	10.00	Piece/s	
75 mm Ø	6.00	Piece/s	
50 mm Ø	1.00	Piece/s	
ov min &	1.00	1 1000/5	
Ground Clean-out (Brass)			
200 mm Ø	1.00	Piece/s	
200 mm Ø 150 mm Ø	1.00		
100 mm Ø	2.00 1.00	Piece/s	
100 11111 &	1.00	Piece/s	
Manhala Canan			
Manhole Cover	1.00	A 11	
600 mm Ø C.I. Pressure Type, Water Tight	1.00	Assembly	
Ladder Rung	1.00	Assembly	
Chairless Charl 204 Crosses Turn		-	
Stainless Steel 304 Grease Trap	4.00		
15 GPM	1.00	Unit/s	
Pipe Connectors, Fittings and Accessories	1.00	Lot	

BID FORM 10/29

II / P l / C / C	1.00	T -1		
Hanger / Bracket / Support / Concrete Saddle		Lot		
Miscellaneous and Consumables	1.00	Lot		
Excavation Work	1.00	Lot		
Backfilling and Compaction Work (Labor Only)	1.00	Lot		
Testing Works (Leak and Gravity Test)	1.00	Lot		
Dismantling, Chipping & Restoration Works	1.00	Lot		
Sub-Total Amoun	t			
Mezzanine Ground Floor				
HDPE Pipe, SDR 26, 6m Length				
150 mm Ø	3.00	Length		
75 mm Ø	2.00	Length		
75 min Ø	2.00	Length		
DVC Pine Corios 1000 2m Longth				
PVC Pipe, Series 1000, 3m Length				
150 mm Ø	2.00	Length		
100 mm Ø	3.00	Length		
75 mm Ø	2.00	Length		
Pipe Connectors, Fittings and Accessories	1.00	Lot		
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot		
Miscellaneous and Consumables	1.00	Lot		
Testing Works (Leak and Gravity Test)	1.00	Lot		
Dismantling, Chipping & Restoration Works	1.00	Lot		
Sub-Total Amoun	t			
	<u>-</u>			
C IFI				
Second Floor				
HDPE Pipe, SDR 26, 6m Length				
150 mm Ø	4.00	Length		
100 mm Ø	58.00	Length		
HDPE Pipe, SDR 21, 6m Length				
75 mm Ø	7.00	Length		
PVC Pipe, Series 1000, 3m Length				
150 mm Ø	2.00	Length		
100 mm Ø	28.00	Length		
75 mm Ø	42.00	Length		
50 mm Ø	116.00	Length		
50 min Ø	110.00	Lengui		
Floor Durin (Burnett / C. (I. P. 1)			1	
Floor Drain (Brass Top w/ Cast Iron Body)	11.00	D' '	1	
100 mm Ø	11.00	Piece/s	-	
75 mm Ø	2.00	Piece/s		
Floor Clean-out (Brass)				
100 mm Ø	10.00	Piece/s		
75 mm Ø	7.00	Piece/s		
Ceiling Clean-out (HDPE)				
150 mm Ø	2.00	Piece/s		
100 mm Ø	14.00	Piece/s		
		,-		
Ceiling Clean-out (PVC)			1	
100 mm Ø	1.00	Piece/s	 	
75 mm Ø	1.00	Piece/s		
75 mm &	1.00	r rece/s	 	
Stainlass Staal 304 Craasa Tran			 	
		.	1	
Stainless Steel 304 Grease Trap 15 GPM	2.00	Unit/s		

BID FORM 11/29

I	5 GPM	1.00	Unit/s	
	J GI W	1.00	Offit/S	
	Pipe Connectors, Fittings and Accessories	1.00	Lot	
	Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	
	Miscellaneous and Consumables	1.00	Lot	
	Testing Works (Leak and Gravity Test)	1.00	Lot	
	Dismantling, Chipping & Restoration Works	1.00	Lot	
	Sub-Total Amount			
	WATER SUPPLY SYSTEM			
	Site Development and Ground Floor			
	Water Pipe			
	G.I. Pipe Sch. 40 x 6 m Length			
	100 mm Ø	8.00	Length	
	75 mm Ø	30.00	Length	
	65 mm Ø	4.00	Length	
	50 mm Ø	8.00	Length	
	20 mm Ø	27.00	Length	
	DDD P' DN 00 4 I			
	PPR Pipe, PN-20, 4m Length	F 00	T (1	
	75 mm Ø 65 mm Ø	5.00	Length	
	50 mm Ø	5.00 18.00	Length	
	40 mm Ø	11.00	Length Length	
	32 mm Ø	36.00	Length	
	25 mm Ø	19.00	Length	
	20 mm Ø	37.00	Length	
			Zengur	
	Pipe Connectors, Fittings and Accessories	1.00	Lot	
	Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	
	Miscellaneous and Consumables	1.00	Lot	
	Excavation Work	1.00	Lot	
	Backfilling and Compaction Work (Labor Only)	1.00	Lot	
	Testing Works (Leak and Pressure Test)	1.00	Lot	
	Dismantling, Chipping & Restoration Works	1.00	Lot	
	Valves / Water Control & Accessories			
	Gate Valve			
	100 mm Ø (Flange Type)	20.00	Piece/s	
	75 mm Ø (Flange Type)	1.00	Piece/s	
	50 mm Ø (Flange Type)	4.00	Piece/s	
-	40 mm Ø 32 mm Ø	3.00 2.00	Piece/s	
	25 mm Ø	4.00	Piece/s Piece/s	
	20 mm Ø	11.00	Piece/s	
	20 mm &	11.00	T lece/s	
	Check Valve			
	100 mm Ø (Flange Type)	8.00	Piece/s	
	75 mm Ø (Flange Type)	1.00	Piece/s	
	50 mm Ø (Flange Type)	1.00	Piece/s	
	Hose Bibb (Brass)			
	20 mm Ø	5.00	Piece/s	
	Float Control Valve			
	75 mm Ø	1.00	Piece/s	
	Equalization Valve			
	150 mm Ø	2.00	Piece/s	
	Water Meter			

BID FORM 12/29

ı	75 mm Ø	1.00	Diago/o	
	Flexible Connector	1.00	Piece/s	
		12.00	D: /	
	100 mm Ø	12.00	Piece/s	
	Wye Strainer	• • • •		
	100 mm Ø	3.00	Piece/s	
	Manhole Cover			
	600 mm Ø C.I. Pressure Type, Water Tight	7.00	Assembly	
	Ladder Rung	7.00	Assembly	
	Consumables	1.00	Lot	
	Sub-Total Amount			
	Mezzanine Ground Floor			
	Water Pipe			
	PPR Pipe, PN-20, 4m Length			
	75 mm Ø	1.00	Length	
	65 mm Ø	2.00	Length	
	50 mm Ø	2.00	Length	
	50 mm g	2.00	Lengin	
	Ding Commostone Fittings and Assessanies	1.00	Lot	
	Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	
	Miscellaneous and Consumables	1.00	Lot	
		1.00	Lot	
	Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works	1.00		
		1 ()()	Lot	
 	Distriction (7) Chipping & Restoration (7) Orks	1.00		
		1.00		
	Sub-Total Amount	1.00		
	Sub-Total Amount	1.00		
		1.00		
	Sub-Total Amount Second Floor	1100		
	Sub-Total Amount Second Floor Water Pipe	1100		
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length			
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø	2.00	Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø	2.00 3.00	Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø	2.00 3.00 5.00	Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø	2.00 3.00	Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø	2.00 3.00 5.00	Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø	2.00 3.00 5.00 5.00	Length Length Length Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø	2.00 3.00 5.00 5.00 13.00	Length Length Length Length Length Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00	Length Length Length Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00	Length Length Length Length Length Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00	Length Length Length Length Length Length Length	
	Sub-Total Amount	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00	Length Length Length Length Length Length Length Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00	Length	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00	Length Length Length Length Length Length Length Length Lot Lot	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test)	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00	Length Length Length Length Length Length Length Length Length Lot Lot Lot	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Length Lot Lot Lot Lot Lot	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Length Lot Lot Lot Lot Lot	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 11 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Length Lot Lot Lot Lot Lot	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 112 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Lot Lot Lot Lot Lot Lot	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve 40 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 2.00	Length Length Length Length Length Length Length Length Lot Lot Lot Lot Piece/s	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 12 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve 40 mm Ø 32 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Lot Lot Lot Lot Piece/s Piece/s	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 11 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve 40 mm Ø 32 mm Ø 25 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Length Lot Lot Lot Lot Piece/s Piece/s	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 11 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 2.00 4.00	Length Length Length Length Length Length Length Length Lot Lot Lot Lot Piece/s Piece/s Piece/s Piece/s	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 11 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve 40 mm Ø 32 mm Ø 25 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 1.00 1.00 1.00	Length Length Length Length Length Length Length Length Length Lot Lot Lot Lot Piece/s Piece/s	
	Sub-Total Amount Second Floor Water Pipe PPR Pipe, PN-20, 4m Length 75 mm Ø 65 mm Ø 50 mm Ø 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø 11 mm Ø Pipe Connectors, Fittings and Accessories Hanger / Bracket / Support / Concrete Saddle Miscellaneous and Consumables Testing Works (Leak and Pressure Test) Dismantling, Chipping & Restoration Works Valves / Water Control & Accessories Gate Valve 40 mm Ø 32 mm Ø 25 mm Ø 20 mm Ø	2.00 3.00 5.00 5.00 13.00 18.00 28.00 10.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 2.00 4.00	Length Length Length Length Length Length Length Length Lot Lot Lot Lot Piece/s Piece/s Piece/s Piece/s	

BID FORM 13/29

Sub-Total Amou	nt			
Third Floor				
Water Pipe				
PPR Pipe, PN-20, 4m Length				
75 mm Ø	1.00	Length		
65 mm Ø	7.00	Length		
50 mm Ø	36.00	Length		
Pipe Connectors, Fittings and Accessories	1.00	Lot		
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot		
Miscellaneous and Consumables	1.00	Lot		
Testing Works (Leak and Pressure Test)	1.00	Lot		
Dismantling, Chipping & Restoration Works	1.00	Lot		
Valves / Water Control & Accessories				
Gate Valve				
40 mm Ø	2.00	Piece/s		
TO HILL W	2.00	1 1606/8		+
Consumables	1.00	Lot		
		201		
Sub-Total Amou	nt			
Mezzanine Third Floor				
Water Pipe				
PPR Pipe, PN-20, 4m Length				
75 mm Ø	1.00	Length		
65 mm Ø	1.00	Length		
50 mm Ø	2.00	Length		
Pipe Connectors, Fittings and Accessories	1.00	Lot		
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot		
Miscellaneous and Consumables	1.00	Lot		
Testing Works (Leak and Pressure Test)	1.00	Lot		
Dismantling, Chipping & Restoration Works	1.00	Lot		_
0.1.7.11				
Sub-Total Amou	nt			
r dri				
Fourth Floor				-
Matou Dino				
Water Pipe				
G.I. Pipe Sch. 40 x 6 m Length	7.00	T d		
65 mm Ø	7.00	Length		-
PPR Pipe, PN-20, 4m Length				
75 mm Ø	1.00	I am a 11.		
75 mm Ø 65 mm Ø	+	Length		
50 mm Ø	13.00 3.00	Length		1
JU HIII W	3.00	Length		1
Pipe Connectors, Fittings and Accessories	1.00	Lot		+
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot		
Miscellaneous and Consumables	1.00	Lot		
Testing Works (Leak and Pressure Test)	1.00	Lot		
Dismantling, Chipping & Restoration Works	1.00	Lot		
0 11 0				
Valves / Water Control & Accessories	1			
			i	1

BID FORM 14/29

0.4 74.1		I	I	T
Gate Valve	4.00	D: /		
65 mm Ø (Flange Type)	1.00	Piece/s		
40 mm Ø	2.00	Piece/s		
OL 1 V 1				
Check Valve	1.00	D: /		
65 mm Ø (Flange Type)	1.00	Piece/s		
	4.00	T .		
Consumables	1.00	Lot		
0.1 m . 1.1				
Sub-Total Amount				
Roof				
Water Pipe				
PPR Pipe, PN-20, 4m Length				
75 mm Ø	4.00	Length		
65 mm Ø	9.00	Length		
Pipe Connectors, Fittings and Accessories	1.00	Lot		
Hanger / Bracket / Support / Concrete Saddle	1.00	Lot		
Miscellaneous and Consumables	1.00	Lot		
Testing Works (Leak and Pressure Test)	1.00	Lot		
Valves / Water Control & Accessories				
Gate Valve				
75 mm Ø (Flange Type)	1.00	Piece/s		
65 mm Ø (Flange Type)	3.00	Piece/s		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		,		
Consumables	1.00	Lot		
Sub-Total Amount				
PUMP AND TANK				
Site Development and Ground Floor				
Site Development and Ground From				
Pumps				
Duplex Type Transfer Pump, (TP/2)	1.00	Set/s		
Type: Vertical In-line	1.00	5645		
Each Pump Rating: 55 GPM, 150 FT. TDH				
Drive: Electric Motor, Closed Coupled				
Motor Rating: 5HP, 1800RPM, 230V, 3Ph, 60Hz				
w/ Duplex Type Direct on Line Controller				
w/ Duplex Type Direct on Line Controller				
Duplex Type Transfer Pump, (TP/1)		Set/s		
Duplex Type Transfer rump, (11/1)				
	1.00	364,3		
Type: Vertical In-line	1.00	3643		
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH	1.00			
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled	1.00	3649		
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz	1.00	Sequ		
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled	1.00	Sequ		
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller				
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1)	1.00	Unit/s		
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1) Type: Submersible				
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1) Type: Submersible Pump Rating: 20 GPM, 60 FT. TDH				
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1) Type: Submersible Pump Rating: 20 GPM, 60 FT. TDH Drive: Electric Motor, Closed Coupled				
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1) Type: Submersible Pump Rating: 20 GPM, 60 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 1HP, 1800RPM, 230V, 1Ph, 60Hz				
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1) Type: Submersible Pump Rating: 20 GPM, 60 FT. TDH Drive: Electric Motor, Closed Coupled				
Type: Vertical In-line Each Pump Rating: 70 GPM, 140 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 5HP, 3500RPM, 230V, 3Ph, 60Hz w/ Duplex Type Direct on Line Controller Elevator Sump Pit Pump, (ESPP/1) Type: Submersible Pump Rating: 20 GPM, 60 FT. TDH Drive: Electric Motor, Closed Coupled Motor Rating: 1HP, 1800RPM, 230V, 1Ph, 60Hz				

BID FORM 15/29

	Tanks			
	Cistern Tank - 1 & 2, (PCT/1 & PCT/2)	2.00	Chamber/s	
		2.00	Chamber/s	
	Capacity: 4,280 Gallons Reinforced Concrete			
	Remiorced Concrete			
	C (* T 1 4 9 9 (CT/4 9 CT/9)		Cl. 1 /	
	Septic Tank - 1 & 2, (ST/1 & ST/2)	6.00	Chamber/s	
	Capacity: 2,641 Gallons Reinforced Concrete			
	Reinforced Concrete			
	Roof / Upper Utility Deck			
	Root/ Opper Ounty Deck			
	Tanks			
		2.00	T Init/o	
	Over Head Water Tank - 1 & 2, (OHWT/1 & OHWT/2)	2.00	Unit/s	
	Capacity: 2,000 Gallons Stainless Steel			
	Stainless Steel			
	Sub-Total Amount			
	Sub-Total Amount			
	TOTAL DILIMBING AND CANITADY MODIC			
	TOTAL PLUMBING AND SANITARY WORKS			
6.00	HEATING, VENTILATION & AIR CONDITIONING SYSTEM			
	AND CONDITIONING FOR THE PROPERTY OF THE PROPE			
	AIR CONDITIONING EQUIPMENTS			
	Ground Floor			
	FCU - VRF			
	Wall Mounted Type, Inverter			
	FCU G-1A/1B/1D			
	2.2 KW (0.6 TR) Cooling Capacity, 210 CFM, 230V/1Phase/60Hz		Unit/s	
		3.00	Cinys	
	FCU G-1E			
	3.6 KW (1.0 TR) Cooling Capacity, 350 CFM, 230V/1Phase/60Hz		Unit/s	
	o.o rev (1.0 re) cooling cupacity, 550 Crist, 250 V/11 hase/5012	1.00	Cinys	
	4-Way Ceiling Cassette Type, Inverter			
	FCU G-1C			
	9.0 KW (2.6 TR) Cool Capacity, 910 CFM, 230V/1Phase/60Hz	2.00	Unit/s	
	FCU G- 1H/2A			
	4.5 KW (1.3 TR) Cool Capacity, 910 CFM, 230V/1Phase/60Hz	2.00	Unit/s	
	FCU G-1F			
	3.6 KW (1.0 TR) Cool Capacity, 350 CFM, 230V/1Phase/60Hz	1.00	Unit/s	
	ACCU - VRF			
	Top Discharge, 220V/3Phase/60Hz w/ scroll compressor, rust coated			
	panels and aluminum fins, Cooling media 410A			
	ACCU G-1, 50.4 KW Cooling Capacity	1.00	Unit/s	1
				1
	Single Split Type			
	Wall Mounted Type, Inverter			
	FCU/ACCU GF-1a, 2.5 KW (0.71 TR) Cooling Capacity, 220-		0.4	
			Set/s	
	240V/1Phase/60Hz	2.00	Set/s	
		2.00	Set/s	

BID FORM 16/29

WAC G-1, 1 HP Cooling Capacity, 230V/1Phase/60Hz	1.00	Unit/s	
		,	
Equipment Support & Concrete Pad	1.00	Lot	
c tri			
Second Floor			
FCU - VRF			
100 - VIII			
Wall Mounted Type, Inverter			
FCU 2-3A/3B/3C			
2.2 KW (0.6 TR) Cooling Capacity, 210 CFM, 230V/1Phase/60Hz	18.00	Unit/s	
FCU 2-2B			
3.6 KW (1.0 TR) Cooling Capacity, 350 CFM, 230V/1Phase/60Hz	1.00	Unit/s	
FCU 2-1A/1B/2A/2C			
5.6 KW (1.6 TR) Cooling Capacity, 560 CFM, 230V/1Phase/60Hz	5.00	Unit/s	
1111 0 111 0 11 7			
4-Way Ceiling Cassette Type, Inverter FCU 2-2E			
FCU 2-2E			
7.1 KW (2.0 TR) Cooling Capacity, 700 CFM, 230V/1Phase/60Hz	2.00	Unit/s	
FCU 2-2D			
11.2 KW (3.2 TR) Cooling Capacity, 1120 CFM, 230V/1Phase/60Hz	1.00	Unit/s	
FCU 2-1C			
14.0 KW (4.0 TR) Cooling Capacity, 1400 CFM, 230V/1Phase/60Hz	6.00	Unit/s	
ACCIL VIDE			
ACCU - VRF Top Discharge, 220V/3Phase/60Hz w/ scroll compressor, rust coated			
panels and aluminum fins, Cooling media 410A			
ACCU 2-1, 101.0 KW (28.7 TR) Cooling Capacity	1.00	Unit/s	
ACCU 2-2, 50.4 KW (14.3 TR) Cooling Capacity	1.00	Unit/s	
ACCU 2-3, 40.0 KW (11.26 TR) Cooling Capacity	1.00	Unit/s	
	4.00	Ŧ.,	
Equipment Support & Concrete Pad	1.00	Lot	
Sub-Total Amount			
VENTILATION EQUIPMENTS			
Ground Floor			
Ceiling Cassette Fan			
Complete with standard accessories, direct drive, 230V/1Phase/60Hz			
EF-1, 60 CFM air flow rate at 0.5 ESP, 0.06 kW motor	2.00	Unit/s Unit/s	
EF-3, 100 CFM air flow rate at 0.75" ESP, 0.06 kW motor EF-5, 200 CFM air flow rate at 1.0" ESP, 0.07 kW motor	2.00	Unit/s Unit/s	
El 0, 200 Cliff all now rate at 1.0 Lor, 0.07 KW motor	2.00	5111()5	1
Toilet In-line Centrifugal Fan			
Centrifugal in-line fan complete with standard accessories, direct drive, 230V/1Phase/60Hz			
TEF-5, 750 CFM air flow rate at 1.5" ESP, 0.37 kW motor	1.00	Unit/s	
TEF-6, 600 CFM air flow rate at 1.5" ESP, 0.37 kW motor	1.00	Unit/s	
	4.05		
Equipment Support	1.00	Lot	
Second Floor			+
octona Piooi		1	

BID FORM 17/29

Ceiling Cassette Fan			
Complete with standard accessories, direct drive, 230V/1Phase/60Hz			
EF-1/TEF-4, 60 CFM air flow rate at 0.5 ESP, 0.06 kW motor	4.00	Unit/s	
EF-2, 150 CFM air flow rate at 0.75" ESP, 0.06 kW motor	1.00	Unit/s	
EE 2/TEE 2 100 CEM sig flow gate at 0.75" ECD 0.00 LIM greater		I Init/o	
EF-3/TEF-3, 100 CFM air flow rate at 0.75" ESP, 0.06 kW motor	2.00	Unit/s	
EF-4, 350 CFM air flow rate at 1.0" ESP, 0.08 kW motor	1.00	Unit/s	
Toilet In-line Centrifugal Fan			
Centrifugal in-line fan complete with standard accessories, direct			
drive, 230V/1Phase/60Hz			
TEF-1, 500 CFM air flow rate at 1.5" ESP, 0.19 kW motor	1.00	Unit/s	
TEF-2, 400 CFM air flow rate at 1.5" ESP, 0.19 kW motor	1.00	Unit/s	
Farmer Decrees Word'leter			
Energy Recovery Ventilator			
Equip with hepa filters/wheels cross flow direct drive, 230V/1Phase/60Hz			
ERV-1, 206 CFM air flow rate at 225 Pa. ESP, 226 Watts motor	2.00	Unit/s	
ERV-1, 200 CFW all now late at 2251 a. E51, 220 Watts motor	2.00	Offitys	
Equipment Support	1.00	Lot	
Sub-Total Amount			
AIR CONDITIONING PIPING WORKS			
Ground Floor			
Refrigerant Piping System			
Copper Pipes - Hard Drawn Type L, Schedule 40, Seamless			
28.6 mm (1-1/8") Ø x 6m Length	4.00	Length/s	
19.1 mm (3/4") Ø x 6m Length	4.00	Length/s	
15.6 mm (5/8") Ø x 6m Length	3.00	Length/s	
12.7 mm (1/2") Ø x 6m Length	12.00	Length/s	
9.5 mm (3/8") Ø x 6m Length	23.00	Length/s	
Copper Elbow, Schedule 40, Seamless			
28.6 mm (1-1/8") Ø x 90 degree	10.00	Piece/s	
19.1 mm (3/4") Ø x 90 degree	10.00	Piece/s	
15.6 mm (5/8") Ø x 90 degree	12.00	Piece/s	
12.7 mm (1/2") Ø x 90 degree	20.00	Piece/s	
9.5 mm (3/8") Ø x 90 degree	30.00	Piece/s	
Closed Cell Elastomeric (CCE) Rubber Insulation - Class 1 x 3/4"			
thick			
28.6 mm (1-1/8") Ø x 1.82 m Length	14.00	Length/s	
19.1 mm (3/4") Ø x 1.82 m Length	14.00	Length/s	
15.6 mm (5/8") Ø x 1.82 m Length	10.00	Length/s	
12.7 mm (1/2") Ø x 1.82 m Length	40.00	Length/s	
9.5 mm (3/8") Ø x 1.82 m Length	77.00	Length/s	
AC Accessories			
Wired Remote Controller (Navigation Remote Controller)	13.00	Piece/s	
Branch Pipe	9.00	Piece/s	
AC Controls			
Wire			
		Linear	
14 mm ² THHN/ THWN-2	768.00	Meter/s	
		Linear	
5.5 mm ² THHN/ THWN-2	246.00	Meter/s	

BID FORM 18/29

1				
		400.00	Linear	
	3.5 mm ² THHN/ THWN-2	108.00	Meter/s	
	Raceway			
	32 mm Ø IMC	4.00	Length/s	
	20 mm Ø IMC	1.00	Length/s	
			Linear	
	32 mm Ø Flexible Metal Conduit (liquid tight)	192.00	Meter/s	
			Linear	
	20 mm Ø Flexible Metal Conduit (liquid tight)	27.00	Meter/s	
	Conduit Fittings and Supports	1.00	Lot	
	Disconnect Switch - Enclosed Circuit Breaker			
	70 AT, 460V/3Phase/60Hz, ECB in NEMA 3R Enclosure	3.00	Assembly	
	25 AT, 230V/1Phase/60Hz, ECB in NEMA 3R Enclosure	1.00	Assembly	
			ĺ	
	Consumable Materials	1.00	Lot	
	Pipe Hanger & Support	1.00	Lot	
	The Thanger woupport	1.00	201	
	Second Floor			
	Pofuicament Dining Creaters		 	
	Refrigerant Piping System			
	Copper Pipes - Hard Drawn Type L, Schedule 40, Seamless	4.00	T .* .	
	41.3 mm (1-5/8") Ø x 6m Length	4.00	Length/s	
	28.6 mm (1-1/8") Ø x 6m Length	11.00	Length/s	
	22.2 mm (7/8") Ø x 6m Length	4.00	Length/s	
	19.1 mm (3/4") Ø x 6m Length	19.00	Length/s	
	15.6 mm (5/8") Ø x 6m Length	9.00	Length/s	
	12.7 mm (1/2") Ø x 6m Length	3.00	Length/s	
	9.5 mm (3/8") Ø x 6m Length	21.00	Length/s	
	6.5 mm (1/4") Ø x 6m Length	17.00	Length/s	
	Copper Elbow, Schedule 40, Seamless			
	41.3 mm (1-5/8") Ø x 90 degree	10.00	Piece/s	
	28.6 mm (1-1/8") Ø x 90 degree	62.00	Piece/s	
	22.2 mm (7/8") Ø x 90 degree	6.00	Piece/s	
	19.1 mm (3/4") Ø x 90 degree	24.00	Piece/s	
	15.6 mm (5/8") Ø x 90 degree	26.00	Piece/s	
	12.7 mm (1/2") Ø x 90 degree	48.00	Piece/s	
	9.5 mm (3/8") Ø x 90 degree	55.00	Piece/s	
	6.5 mm (1/4") Ø x 90 degree	32.00	Piece/s	
	Closed Cell Elastomeric (CCE) Rubber Insulation - Class 1 x 3/4"			
	thick			
	41.3 mm (1-5/8") Ø x 1.82 m Length	14.00	Length/s	
	28.6 mm (1-1/8") Ø x 1.82 m Length	37.00	Length/s	
	22.2 mm (7/8") Ø x 1.82 m Length	14.00	Length/s	
	19.1 mm (3/4") Ø x 1.82 m Length	63.00	Length/s	
	15.6 mm (5/8") Ø x 1.82 m Length	30.00	Length/s	
	12.7 mm (1/2") Ø x 1.82 m Length	10.00	Length/s	
	9.5 mm (3/8") Ø x 1.82 m Length	70.00	Length/s	
	6.5 mm (1/4") Ø x 1.82 m Length	57.00	Length/s Length/s	
	olo min (1/1) o x 1.02 in Dengui	57.50	Lengui/5	
	AC Accessories	1		
	Wired Remote Controller (Navigation Remote Controller)	33.00	Piece/s	
	`	30.00		+
	Branch Pipe	30.00	Piece/s	
	AC Controls	+	+	+
	Wire	+	-	
	MHE	1	T .	
	14. 2 THE HALL OF THE AND O	1054.00	Linear	
	14 mm ² THHN/ THWN-2	1056.00	Meter/s	

BID FORM 19/29

		Linear	
E E	264.00		
5.5 mm² THHN/ THWN-2	264.00	Meter/s	
Raceway			
32 mm Ø IMC	5.00	Length/s	
		Linear	
32 mm Ø Flexible Metal Conduit (liquid tight)	264.00	Meter/s	
Conduit Fittings and Supports	1.00	Lot	
Disconnect Switch - Enclosed Circuit Breaker			
150 AT, 460V/3Phase/60Hz, ECB in NEMA 3R Enclosure	1.00	Assembly	
70 AT, 460V/3Phase/60Hz, ECB in NEMA 3R Enclosure	1.00	Assembly	
60 AT, 460V/3Phase/60Hz, ECB in NEMA 3R Enclosure	1.00	Assembly	
Consumable Materials	1.00	Lot	
Pipe Hanger & Support	1.00	Lot	
Sub-Total Amoun	<u> </u>		
Sub-Total / Infount	1		
VIEW ATTOMANDA AND CONTROL OF THE CO			
VENTILATION AND AIR-CONDITIONING DUCT WORKS			
Ventilation include Fresh/Supply Air, Exhaust, Toilet Exhaust, Smoke			
Extraction Duct			
Ground Floor			
G.I. Sheets			
(for Ventilation and Air-Conditioning)			
	20.00	C1 1 /-	
Gauge 24, 4ft x 8ft	28.00	Sheet/s	
Gauge 26, 4ft x 8ft	12.00	Sheet/s	
Exhaust Air Grille, single fixed blade, 45 degree deflection, G.I.			
construction, oven baked enamel paint finish			
350 mm x 350 mm	2.00	Piece/s	
350 mm x 200 mm	2.00	Piece/s	
150 mm x 150 mm	11.00	Piece/s	
Manual Volume Damper			
700 mm x 200 mm	8.00	Piece/s	
200 mm x 150 mm	2.00	Piece/s	
150 mm x 150 mm	6.00	Piece/s	
100 mm Ø	1.00		
100 Hill Ø	1.00	Piece/s	
A1			
Aluminum Vent Cap		_	
150 mm Ø	1.00	Piece/s	
100 mm Ø	3.00	Piece/s	
Duct Accessories & Consumable Materials	1.00	Lot	
Duct Hangers / Supports	1.00	Lot	
Second Floor			
G.I. Sheets	<u> </u>		
(for Ventilation)	EE 00	Cla c - 1 / -	+
Gauge 24, 4ft x 8ft	55.00	Sheet/s	
Exhaust Air Grille, single fixed blade, 45 degree deflection, G.I.			
construction, oven baked enamel paint finish			

BID FORM 20/29

200		1.00	D1 /		
	mm x 300 mm	1.00	Piece/s		
	mm x 250 mm	1.00	Piece/s		
200 n	mm x 200 mm	5.00	Piece/s		
150 n	mm x 150 mm	15.00	Piece/s		
	ke Exhaust Grille, single fixed blade, 45 degree deflection, G.I.				
const	ruction, oven baked enamel paint finish				
050	nm x 550 mm	1.00	Piece/s		
950 II	nin x 550 min	1.00	Piece/s		
	177.1				
	ual Volume Damper				
150 n	mm x 150 mm	13.00	Piece/s		
100 n	mm x 100 mm	6.00	Piece/s		
Alun	ninum Vent Cap				
	nm Ø	3.00	Piece/s		
	nm Ø	3.00	Piece/s		
100 11	iiii O	3.00	1 lece/s		
	11.16.11	4.00	.		
Duct .	Accessories & Consumable Materials	1.00	Lot		
Duct 1	Hangers / Supports	1.00	Lot		
	Sub-Total Amount				
TECT	ING, START-UP, HAND-OVER INSPECTION &				
ACCI	EPTANCE				
Grou	and Floor				
Insta	ıllation Testing & Acceptance				
	Refrigerant Line - Pressure Leak Test	1.00	Lot		
	Leak Test for Duct	1.00	Lot		
		1.00	LOT		
	Air Balancing / Adjusting Work for every Volume Damper of		Lot		
Venti	lation and AC	1.00			
	pment Testing & Start-up				
i	AC System - Operation Test & Start-up (w/ Charging of		T -1		
Refris	gerant)	1.00	Lot		
	Ventilation System - Operation Test	1.00	Lot		
Coso	nd Floor				
Secon	110 1 1001				
	#			-	
	ıllation Testing & Acceptance				
J	Refrigerant Line - Pressure Leak Test	1.00	Lot		
	Ü			1	
I	Leak Test for Duct	1.00	Lot		
I	Ü	1.00			
I	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of		Lot Lot		
I	Leak Test for Duct	1.00			
Ventil	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation				
Ventil	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up				
Ventil	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of	1.00			
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant)	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant) Ventilation System - Operation Test	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant)	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant) Ventilation System - Operation Test	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant) Ventilation System - Operation Test Sub-Total Amount	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant) Ventilation System - Operation Test Sub-Total Amount TOTAL HEATING, VENTILATION & AIR CONDITIONING	1.00	Lot		
Ventil Equi Refrig	Leak Test for Duct Air Balancing / Adjusting Work for every Volume Damper of lation pment Testing & Start-up AC System - Operation Test & Start-up (w/ Charging of gerant) Ventilation System - Operation Test Sub-Total Amount	1.00	Lot		

BID FORM 21/29

Electrical Power				
Electrical Fower				
Facility Electrical Power Generating and Storing Equipment				
			-	
Secondary Metering	1.00	assy		
Concrete Pedestal	1.00	lot		
Relocation of Genset	1.00	lot		
MAIN PANEL in Nema 3R Enclosure Type, Free Standing	1.00	assy		
Main: 1-2000AT/2000AF,3P,230V, 50KAIC ACB				
Branches: 1-1600AT/1600AF,3P,230V ACB				
1-1000AT/1000AF,3P,230V ACB				
Sub-Total Amount				
Low Voltage Electrical Distribution				
Supply, installation, termination and commissioning of low voltage				
electrical distribution conductors and cables, conduits, connectors,				
fittings, enclosed circuit breakers including termination accessories and				
all necessary items to complete the works in accordance with the				
drawings and specifications				
Switchboards and Panelboards				
GROUND FLOOR Panels				
LVSG in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
Main: 1-1600AT/1600AF,3P,230V,50KAIC ACB	1.00	аззу		
Branches: 1-1200AT/1200AF,3P,230V,30RAIC ACB				
1-225AT/225AF,3P,230V MCCB			+	
2-325AT/400AF,3P,230V MCCB			+	
1-150AT/225AF,3P,230V MCCB				
DP1 in Nema 1 Enclosure Type, Surface Mounted	1.00		+	
	1.00	assy	+	
Branches: 1-800AT/800AF,3P,230V MCCB				
1-700AT/800AF,3P,230V MCCB			1	
1-80AT/100AF,3P,230V MCCB			1	
1-40AT/50AF,3P,230V MCCB			1	
	4.00		1	
PPAC1-B in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
Main: 1-800AT/800AF,3P,230V,50KAIC MCCB				
Branches: 2-400AT/400AF,3P,230V MCCB				
1-175AT/225AF,3P,230V MCCB				
4-100AT/100AF,3P,230V MCCB				
1-80AT/100AF,3P,230V MCCB				
1-60AT/100AF,3P,230V MCCB				
1-40AT/50AF,3P,230V MCCB				
1-20AT/50AF,3P,230V MCCB				
3-20AT/50AF,2P,230V MCCB				
PPAC1-A in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
Main: 1-700AT/800AF,3P,230V,50KAIC MCCB				
Branches: 1-200AT/225AF,3P,230V MCCB				
1-125AT/225AF,3P,230V MCCB				
4-100AT/100AF,3P,230V MCCB				
3-80AT/50AF,3P,230V MCCB				
3-20AT/50AF,3P,230V MCCB				
4-20AT/50AF,2P,230V MCCB				
. , , -,			1	
			1	1

BID FORM 22/29

I	1 00 AT (100 AT 2D 200X 10X ATC MCCD			1	1
	Main: 1-80AT/100AF,3P,230V,10KAIC MCCB				
	Branches: 24-20AT/50AF,2P,230V MCCB				
	LP1 in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-40AT/50AF,3P,230V,10KAIC MCCB				
	Branches: 20-20AT/50AF,2P,230V MCCB				
	PPUMP in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-300AT/400AF,3P,230V, 36KAIC MCCB				
	Branches: 1-125AT/225AF,3P,230V MCCB				
	5-40AT/50AF,2P,230V MCCB				
	2-20AT/50AF,3P,230V MCCB				
	2-20AT/50AF,2P,230V MCCB				
	2 2011/3011 /21 /200 V WICCD				
	SECOND FLOOR Panels				
		1.00			
	DP2 in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-225AT/225AF,3P,230V,22KAIC MCCB				
	Branches: 1-125AT/225AF,3P,230V MCCB				
	1-100AT/100AF,3P,230V MCCB				
	1-40AT/100AF,3P,230V MCCB				
	PP2 in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-100AT/100AF,3P,230V,10KAIC MCCB				
	Branches: 24-20AT/50AF,2P,230V MCCB				
	PPAC2 in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-125AT/225AF,3P,230V,18KAIC MCCB				
	Branches: 3-40AT/50AF,2P,230V MCCB				
	9-20AT/50AF,2P,230V MCCB				
	9-20A1/30AF,2F,230V WCCB				
	TROUBLE AT A TO CO A MONTH A	4.00			
	LP2 in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-40AT/50AF,3P,230V,10KAIC MCCB				
	Branches: 12-20AT/50AF,2P,230V MCCB				
	FOURTH FLOOR Panels				
	DP4 in Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-325AT/400AF,3P,230V,36KAIC MCCB				
	1-175AT/225AF,3P,230V MCCB				
	1-100AT/100AF,3P,230V MCCB				
	2-60AT/100AF,3P,230V MCCB				
	1-40AT/50AF,3P,230V MCCB				
	1-40A1/30A1,31,230 V WCCD				
-	DDM4 Name 1 Freelowing Trees Courts at Many 1.1	1.00			
	PPM4 Nema 1 Enclosure Type, Surface Mounted	1.00	assy		
	Main: 1-175AT/225AF,3P,230V, 18KAIC MCCB				
	Branches: 1-70AT/100AF,2P,230V MCCB				
	1-60AT/50AF,3P,230V MCCB				
	2-40AT/50AF,3P,230V MCCB				
	15-20AT/50AF,2P,230V MCCB				
	Sub-Total Amount				
	Enclosed Circuit Breaker				
-	ZACIOCH CHEMI DICHACI				
-	CROUND ELOOP ECR (F				+
<u> </u>	GROUND FLOOR ECB (Equipments)				
	ECB 1000AT, 1000AF, 3P, 230V, NEMA 1 Enclosure (Manual switch)	1.00	assy		
	ECB 150AT, 225AF, 3P, 230V, NEMA 3R Enclosure (Elevator)	1.00	assy		
1	ECB 100AT, 100AF, 3P, 230V, NEMA 3R Enclosure (ACCU-G1)	1.00			
			assy		

BID FORM 23/29

ECR 40AT 50AE 2D 220V NEMA 2D Englegure (TD/1 TD/2)	2.00	2667	
ECB 40AT, 50AF, 3P, 230V, NEMA 3R Enclosure (TP/1, TP/2) ECB 20AT, 50AF, 3P, 230V, NEMA 3R Enclosure (PIT PUMP)	1.00	assy	
ECB 20AT, 50AF, 3F, 230V, NEMA 3R Enclosure (FTF F GMF) ECB 20AT, 50AF, 2P, 230V, NEMA 3R Enclosure (2 - ACCU GF-1A,	1.00	assy	
WAC)	3.00	assy	
WAC)			
SECOND ELOOP ECD (Environments)			
SECOND FLOOR ECB (Equipments)			
ECB 200AT, 225AF, 3P, 230V, NEMA 3R Enclosure (ACCU 2-1)	1.00	assy	
ECB 100AT, 100AF, 3P, 230V, NEMA 3R Enclosure (ACCU 2-2)	1.00	assy	
ECB 80AT, 100AF, 3P, 230V, NEMA 3R Enclosure (ACCU 2-3)	1.00	assy	
ROOFDECK ECB			
ECB 70AT, 100AF, 3P, 230V, NEMA 3R Enclosure (SEF-2)	1.00	assy	
ECB 60AT, 100AF, 3P, 230V, NEMA 3R Enclosure (PZF-1)	1.00	assy	
ECB 40AT, 50AF, 3P, 230V, NEMA 3R Enclosure (FAF-1)	1.00	assy	
Sub-Total Amount			
Ground Floor Wires			
Wires and Cables			
250mm ² THHN (DP1), (MCB), (ATS-2)	1,114.00	lm	
175mm ² THHN (ATS-1), (220KVA)	222.00	lm	
150mm ² THHN (PPAC1-A&B)	107.00	lm	
125mm ² TW (MCB), (ATS-2) G	260.00	lm	
80mm ² THHN (PPUMP)	36.00	lm	
80mm ² TW (DP1) G	102.00	lm	
50mm ² TW (PPAC1-A&B) G	36.00	lm	
30mm ² TW (ATS-1), (220KVA) G	74.00	lm	
22mm ² THHN (PP1)	31.00	lm	
14mm ² THHN (ELEV, ACCU G-1)	219.00	lm	
14mm ² TW (PPUMP) G	12.00	lm	
8mm ² THHN (LP1)	30.00	lm	
` '			
5.5mm ² THHN (BP/2,3,4 & TP/1,2)	639.00	lm	
5.5mm ² TW (TP/1,2, ELEV, ACCU G-1, PP1, LP1) G	169.00	lm	
3.5mm ² THHN	4,550.00	lm	
3.5mm ² TW	2,275.00	lm	
Wiring Connectors	1.00	lot	
Second Floor Wires			
Wires and Cables			
100mm ² THHN (DP2)	138.00	lm	
50mm ² THHN (ACCU 2-1)	57.00	lm	
30mm ² THHN (PP2)	34.00	lm	
22mm ² THHN (PPAC2)	36.00	lm	
22mm ² TW (DP2) G	46.00	lm	
14mm ² THHN (ACCU 2-2)	117.00	lm	
14mm ² TW (ACCU 2-1) G	19.00	lm	
8mm ² THHN (ACCU 2-3)	39.00	lm	
8mm ² TW (PP2) G	12.00	lm	
5.5mm ² THHN	530.00	lm	
5.5mm ² TW (PPAC2) G	51.00	lm	
5.5mm ² TW (ACCU 2-2) G	39.00	lm	
3.5mm ² THHN	4,186.00	lm	
3.5mm ² TW	2,094.00	lm	
Wiring Connectors	1.00	lot	
· ·			
Fourth Floor Wires			

BID FORM 24/29

Wires and Cables				
200mm ² THHN (DP4)	162.00	lm	+	
38mm ² THHN (PPM4)	27.00	lm		
30mm ² TW (DP4) G	54.00	lm		
14mm ² TW (PPM4) G	9.00	lm		
5.5mm ² THHN (BP/3&4)	240.00	lm		
5.5mm ² TW (BP/3&4) G	27.00	lm		
Roof Deck Floor Wires				
Wires and Cables				
8mm ² THHN (SEF-2)	90.00	lm		
5.5mm ² THHN (PZF-1, FAF-1)	165.00	lm		
5.5mm ² TW (SEF-2, PZF-1, FAF-1) G	29.00	lm		
Wiring Connectors	1.00	lot		
Sub-Total Amount				
Wiring Devices and Boxes				
Training 2 Criteco unit 20xec				
Ground Floor Wiring Devices			†	
Duplex Convenience Outlet, Wall Mounted	55.00	sets	†	
Duplex Convenience Outlet, Floor Mounted	6.00	sets		
Special Purpose Outlet	1.00	sets		
Simplex Receptacle Outlet, HD	3.00	sets		
Simplex Receptacle Outlet for Emergency Light	20.00	sets		
One Gang One Device Switch	13.00	sets		
One Gang Two Device Switch	9.00	sets		
One Gang Three Device Switch	2.00	sets		
One Gang Three Way Device Switch	1.00	sets		
Junction Box	201.00	sets		
Utility Box	90.00	sets		
Square Box	20.00	sets		
Pullbox	1.00	lot		
1 4400	1.00			
Second Floor Wiring Devices				
Duplex Convenience Outlet, Wall Mounted	47.00	sets		
Duplex Convenience Outlet, Floor Mounted	85.00	sets		
Simplex Receptacle Outlet, HD	3.00	sets		
Simplex Receptacle Outlet for Emergency Light	23.00	sets		
One Gang One Device Switch	11.00	sets		
One Gang Two Device Switch	10.00	sets		
One Gang Three Device Switch	3.00	sets		
One Gang Three Way Device Switch	1.00	sets		
Junction Box	229.00	sets		
Utility Box	113.00	sets		
Square Box	47.00	sets		
Sub-Total Amount			†	
			1	
Raceways			1	
,			†	
Ground Floor Raceways			†	
100mm Ø IMC (DP-1), (MCB), (ATS-2)	124.00	lgts	†	
90mm Ø IMC (ATS-1)	26.00	lgts	†	
32mm Ø IMC (ELEV, ACCU G-1, PP1)	47.00	lgts	†	
25mm Ø IMC (LP1)	4.00	lgts	†	
20mm Ø IMC	748.00	lgts	1	
15mm Ø FMC	102.00	lm	†	
15 mm Ø FMC Straight Connector	204.00	pcs	†	
Conduit Fittings and Supports	1.00	lot	†	
Conduit Fittings and Supports	1.00	101	4	

BID FORM 25/29

	_				
Second Floor	Raceways				
80mm Ø IMC		16.00	lgth/s		
50mm Ø IMC	,	7.00	lgts		
40mm Ø IMC	(ACCU 2-1)	17.00	lgts		
32mm Ø IMC	(DD A C2)	4.00			
	,		lgts		
32mm Ø IMC 25mm Ø IMC		17.00	lgts lgts		
	ACCU 2-3)	4.00			
20mm Ø IMC		689.00	lgts		
15mm Ø FMC	Ct : 1+ C	96.00	lm		
	Straight Connector	192.00	pcs		
Conduit Fitting	gs and Supports	1.00	lot		
Fourth Floor	Pasavyaya				
90mm Ø IMC		20.00	1 _{o-to}		
		20.00	lgts		
50mm Ø IMC	PPM4)	3.00	lgts		
Roof Deck Flo	Dog Po covers				
		10.00	lata		
25mm Ø IMC	(PZF-1, FAF-1, BP/3&4)	19.00	lgts		
ZOITHIN & HVIC	(TZF-1, FAF-1, DF/3&4)	19.00	lgts		
	Sub-Total Amount				
	Sub-Total Amount				
Lighting					
Lighting Dev					
0 0					
	ry and termination of lighting devices including fixtures,				
	ings, necessary supports and accessories for the				
-	llation, in accordance with the drawings and				
specifications.					
C IE	T. 1.1. D				
Ground Floor	Lighting Devices				
Downlight 1x9	W LED, Cool White or Daylight, 180mm diameter x	450.00			
	Recessed Mounted Downlight with Glass Cover (L1)	152.00	sets		
		20.00			
	ed T-Runner Type Lighting Fixture (L2)	20.00	sets		
Exit Light (L6)		2.00	sets		
Corond Floor	Lighting Devices				
Downlight 1x9	W LED, Cool White or Daylight, 180mm diameter x	92.00	cata		
220mm height	Recessed Mounted Downlight with Glass Cover (L1)	92.00	sets		
2.26M Dagas	J.T. December Terms Liebbin & Firebone (L2)	02.00	0.010		
	ed T-Runner Type Lighting Fixture (L2)	93.00	sets		
Exit Light (L6)		1.00	sets		
	Sub-Total Amount				
	out Tour mount				
Grounding ar	d Lightning Protection System				
	ry and termination of Grounding and Lightning				
	em including fittings, necessary supports and				
	the complete installation, in accordance with the				
drawings and	specifications.				
Ground Floor	Grounding and Lightning Protection System				
65mm dia PVC		61.00	lgts		
50mm2 BCW		181.00	lm		
Ground Rod		17.00	sets		
Grounding We	11	2.00	sets		
Grounding Bu	sbar	1.00	sets		
- 4	eld Connector	19.00	pcs	1	I -

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Miscellaneous Ground Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Second Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB's, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Testing Commissioning (insulation, voltage, current and resistance test) Testing Commissioning (insulation, voltage, current and resistance test) TOTAL ELECTRICAL 8.00 TELEPHONE AND DATA Raceways Ground Floor Raceways 20mm dia IMC 250mm x 100mm Wireway 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Horizontal Elbow 250mm x 100mm Horizontal Elbow 250mm x 100mm Vertical Elbow 250mm x 100mm Vertical Elbow 250mm x 100mm Wireway 250mm x 100mm Wireway 250mm x 100mm Mireway 250mm x 100mm Wireway 250mm x 100mm Mireway 250mm x 100mm Horizontal Elbow 250mm x 100mm Mireway 250mm x 100mm Horizontal Elbow 250mm x 100mm Horiz	\perp				1	
Ground Floor Miscellaneous		Sub-Total Amount				
Ground Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) I.00 lot panel boards, ECB's, conduit runs and wiring devices) I.00 lot devices I.00 lot devic						
Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Second Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL 8.00 TELEPHONE AND DATA Raceways Ground Floor Raceways 20mm dia IMC 25mm dia IMC 25mm dia IMC 25mm x 100mm Wireway 30mm x 100mm Wireway 45.00 Im 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Vertical Elbow 20m dia IMC 520mm dia IMC 520mm x 100mm Vertical Elbow 520mm x 100mm Vertical Elbow 520mm x 100mm Horizontal E	M	Miscellaneous				
Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Second Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Total Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Total Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Total Electrical **Total Amount** Total Electrical **Raceways** **Ground Floor Raceways** 20mm dia IMC 25mm dia IMC 30.00 lgts 25mm x 100mm Horizontal Elbow 2.00 pcs 25mm x 100mm Vertical Elbow 25mm dia IMC 46.00 lgts 25mm dia IMC 45.00 lgts 25mm dia IMC 46.00 lgts 25mm dia IMC 46.00 lgts 25mm dia IMC 46.00 lgts 25mm x 100mm Horizontal Elbow 50mm x 100mm H						
Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Second Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL E	G	Ground Floor Miscellaneous				
Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Second Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECF's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL **Raceways** Ground Floor Raceways 20mm dia IMC 25mm x 100mm Wireway 45.00 im 250mm x 100mm Horizontal Elbow 1.00 pes 250mm x 100mm Vertical Elbow 225mm x 100mm Vertical Elbow 25mm dia IMC 30md ind IMC 32mm dia IMC 46.00 lgts 32mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 520mm x 100mm Horizontal Elbow 640 lgts 650 lgts 670 lgts	Co	onduit Straps, and other necessary items to support installations of	1.00	lot		
Testing Commissioning (insulation, voltage, current and resistance test) Second Floor Miscellaneous Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL 8.00 TELEPHONE AND DATA Raceways Ground Floor Raceways 20mm dia IMC 250mm x 100mm Wireway 250mm x 100mm Horizontal Elbow 250mm x 100mm Horizontal Tee 1.00 lot Second Floor Floor Raceways 20mm dia IMC 250mm dia IMC 250mm dia IMC 250mm dia IMC 250mm x 100mm Wertical Elbow 200 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 25mm dia IMC 16.00 lgts 25mm dia IMC 17.00 lgts 25mm dia IMC 25mm dia IMC 16.00 lgts 25mm dia IMC 17.00 lgts 25mm dia IMC 25mm dia IMC 16.00 lgts 25mm dia IMC 17.00 lgts 25mm x 100mm Wireway 17.00 lgts 25mm x 100mm Wireway 250mm x 100mm Wireway 17.00 lgts 25mm x 100mm Wireway 17.00 lgts 250mm x 100mm Wireway 17.00 lgts 250mm x 100mm Horizontal Elbow 250mm x 100mm Horizontal Tee 17.00 pcs	Ele	ectrical Tapes and other necessary items to be consumed to assure orrect installations of panel boards, ECB, conduit runs and wiring	1.00	lot		
Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL 8.00 TELEPHONE AND DATA Raceways Ground Floor Raceways 20mm dia IMC 250mm x 100mm Wireway 250mm x 100mm Wireway 45.00 lm 250mm x 100mm Vertical Elbow 2.00 pes Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 552.00 lgts 32mm dia IMC 552.00 lgts	Te	esting Commissioning (insulation, voltage, current and resistance	1.00	lot		
Hangers and Supports (Steel Rods, Expansion Bolts, C-Channels, Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL 8.00 TELEPHONE AND DATA Raceways Ground Floor Raceways 20mm dia IMC 250mm x 100mm Wireway 250mm x 100mm Wireway 45.00 lm 250mm x 100mm Horizontal Elbow 250mm x 100mm Vertical Elbow 250mm x 100mm Vertical Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 30.00 jets 25mm dia IMC 46.00 lgts 32mm dia IMC 52.00 lgts		acond Floor Miccellaneous				
Conduit Straps, and other necessary items to support installations of panel boards, ECB's, conduit runs and wiring devices) Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices) Testing Commissioning (insulation, voltage, current and resistance test) Sub-Total Amount TOTAL ELECTRICAL 8.00 TELEPHONE AND DATA Raceways Ground Floor Raceways 20mm dia IMC 250mm x 100mm Wireway 45.00 Im 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Vertical Elbow 2.00 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Raceways 20mm dia IMC 32mm dia IMC 46.00 lgts 32mm dia IMC 525mm dia IMC 525mm dia IMC 525mm dia IMC 525mm x 100mm Wireway 5100 lot Second Floor Floor Raceways 20mm dia IMC 525mm x 100mm Wireway 5100 lot Second Floor Floor Raceways 5100 lgts 525mm x 100mm Horizontal Elbow 5250mm x 100mm Horizontal Floor Saceways 5100 lgts 525mm x 100mm Horizontal Floor Saceways 5100 lgts 525mm x 100mm Horizontal Elbow 5250mm x 100mm Horizontal Elbow	- 30	econd Floor Miscellaneous				
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Sub-Total Amount	Ele co: de	ectrical Tapes and other necessary items to be consumed to assure prrect installations of panel boards, ECB, conduit runs and wiring evices)	1.00	lot		
Raceways Cround Floor Raceways 250mm x 100mm Horizontal Elbow 1.00 1gts 25mm dia IMC 16.00 1gts 25mm dia IMC 2.00 1gts 25mm dia IMC 2.00 1gts 250mm x 100mm Vertical Elbow 2.00 100			1.00	lot		
Raceways Cround Floor Raceways 250mm x 100mm Horizontal Elbow 1.00 1gts 25mm dia IMC 16.00 1gts 25mm dia IMC 25mm x 100mm Wireway 250mm x 100mm Wertual Elbow 2.00 pcs 250mm x 100mm Wertual Elbow 2.00 pcs 250mm x 100mm Vertical Elbow 2.00 1gts 25mm dia IMC 16.00 1gts 25mm dia IMC 17.00 1gts 250mm x 100mm Wireway 51.00 1m 250mm x 100mm Wireway 51.00 1m 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs		Sub-Total Amount				
Raceways Somm dia IMC Second Floor Raceways Second Floor Floor Floor Raceways Second Floor Floor Floor Raceways Second Floor Floor Raceways Second Floor F		Sub-10tal Amount				
Raceways		TOTAL ELECTRICAL				
Raceways						
Raceways 20mm dia IMC 30.00 lgts 25mm dia IMC 24.00 lgts 250mm x 100mm Wireway 45.00 lm 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 2.00 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	8.00 TI	ELEPHONE AND DATA				
Ground Floor Raceways 30.00 lgts 25mm dia IMC 24.00 lgts 250mm x 100mm Wireway 45.00 lm 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 2.00 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 32mm dia IMC 52.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs						
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25mm dia IMC 24.00 lgts 250mm x 100mm Wireway 45.00 lm 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 2.00 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	G	Ground Floor Raceways				
250mm x 100mm Wireway 45.00 Im 250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 2.00 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	20	0mm dia IMC	30.00	lgts		
250mm x 100mm Horizontal Elbow 1.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 2.00 pcs Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	2!	5mm dia IMC	24.00	lgts		
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Conduit Connectors and Fittings 1.00 lot Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	25	50mm x 100mm Horizontal Tee	1.00	pcs		
Second Floor Floor Raceways 20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs			2.00	pcs		
20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	Co	onduit Connectors and Fittings	1.00	lot		
20mm dia IMC 16.00 lgts 25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs	\bot					
25mm dia IMC 52.00 lgts 32mm dia IMC 46.00 lgts 40mm dia IMC 17.00 lgts 250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs		·				
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250mm x 100mm Wireway 51.00 lm 250mm x 100mm Horizontal Elbow 2.00 pcs 250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs					1	
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250mm x 100mm Horizontal Tee 1.00 pcs 250mm x 100mm Vertical Elbow 1.00 pcs		·				
250mm x 100mm Vertical Elbow 1.00 pcs				•		
					1	
Conduit Connectors and Fittings 1.00 lot						
	Co	onduit Connectors and Fittings	1.00	lot	1	
Sub-Total Amount		21771			1	

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Boxes			
Ground Floor Boxes			
Utility box	21.00	pcs	
Junction box	2.00	pcs	
Pullbox	1.00	pcs	
Ground Floor Boxes			
Utility box	88.00	pcs	
Junction box	3.00	pcs	
Sub-Total Amount			
Miscellaneous			
Ground Floor Miscellaneous			
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot	
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, Telephone Cabinets, conduit runs and wiring devices)	1.00	lot	
Second Floor Miscellaneous			
Hangers and Supports (Steel Rods, Expansion Bolts, Strut-Channels, Conduit Straps, and other necessary items to support installations of distribution frames, wiring boxes, conduit runs and wiring devices)	1.00	lot	
Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations of Distribution Frames, Telephone Cabinets, conduit runs and wiring devices)	1.00	lot	
Sub-Total Amount			
TOTAL TELEPHONE AND DATA			

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	SUMMARY			
1.00	GENERAL REQUIREMENTS		PhP	
2.00	DEMOLITION WORKS			
3.00	ARCHITECTURAL WORKS			
4.00	FIRE PROTECTION SYSTEM			
5.00	PLUMBING & SANITARY WORKS			
6.00	HEATING, VENTILATION & AIR CONDITIONING SYSTEM		-	
7.00	ELECTRICAL WORKS			
8.00	TELEPHONE AND DATA			
	SUB-TOTAL COST		PhP	
	VAT	12.00%		
	TOTAL PROJECT COST		PhP	
* Bonds & S	ost (OCM, & Profit) included per item unit cost Securities (including CARI) and power & water supply consumption are considered as as miscellaneous expense which are already included in the computation of OCM (m	=	Plans (As-built plan) is	•
a) b) c) d)	of submitting this bid, I/we hereby confirm that I/we: have inspected the site determined the characteristics of the contract works and the conditions for this project examined all instructions, forms, terms and project requirements in the Bidding Doct was/were given the opportunity to submit queries at least ten(10) calendar days before have examined and agreed to the correctness of the Bill of Quantities	iments		
Submitted	by:			
Name and	Signature:	Company Name:		
Position:		Date:		

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