

LOCATION : ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY
 PROJECT : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION
 DATE:
 SUBJECT: BID FORM

DOF 8th FLOOR EDPC BUILDING RENOVATION BID FORM

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
Architectural Works Bid Form						
I.	GENERAL REQUIREMENTS					
1.01	All insurances such as bonds and guarantee performance bonds, third party insurance and surety bond against down payment and retention bond, building permit and occupancy permit.	1.00	lot			
1.02	Mobilization and demobilization of workers, tools and equipment	1.00	lot			
1.03	Temporary facilities and temporary utilities	1.00	lot			
1.04	Safety and security, daily cleaning and maintenance works	1.00	lot			
1.05	All demolition works and dismantling including hauling of debris (Verify as per technical specifications)	1.00	lot			
	Demolish all existing walls and partitions as stated in the plan.					
	Excavate floor and slab based on architectural and structural plans					
	Dismantle existing ceiling finishes except for bottom of slab ceiling.					
	Dismantle all existing doors, door jambs, hardware and accessories and turnover all items to the owner for proper handling except for doors to be retained					
	Dismantle all existing glass partition and accessories and turnover all items to the owner for proper handling					
	Dismantle all existing lighting fixtures and electrical devices on site and all items are subject for turnover to the owner for proper handling.					
	Dismantle all existing AC equipment on site subject for replacement and turnover all items to the over for proper handling					
	Dismantle all existing utility lines, conduits, pipes and ductworks subject for replacement as per plan					
	Demolish and dismantle all existing floor finishes as per plan.					
	Demolish and dismantle all existing wall cubicle partition and floor tiles at existing toilets.					
	Demolish all existing CHB toilet partitions at common toilets.					
	Demolish existing lavatory counter at existing toilets					
	Dismantle all existing toilet fixtures and accessories for replacement					

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	Dismantle existing wall mounted facial mirror at existing toilets.					
	Demolish existing walls and slab affected for the accommodation of new elevator shaft.					
	Dismantle existing all built-up furniture not to be retained as per plan					
1.07	As-buit drawings. Including all disciplines	1.00	lot			
	SUBTOTAL COST:					
II.	FLOOR WORKS					
2.01	500mm x 500mm integrated tufted pattern loop solution dyed 100% synthetic fiber with 4.00mm pile height carpet tiles with Polyester spunbouned primary backing and condensed vinyl with fiberglass reinforcement secondary backing at offices and other areas shown in the plans	3,337.88	sq.m.			
2.02	10mm thk. x 600mm x 600mm non-skid, non-vitreous porcelain tiles for toilets and other areas indicated in the plans	84.05	sq.m.			
2.03	3mm thk. x 300mm x 300mm homogenous and resilient type Vinyl tiles, with primer and water-based acrylic floor adhesive at security, pantry, storage and other areas shown in the plans	537.55	sq.m.			
2.04	Self-levelling cement topping for areas with vinyl and carpet tiles as shown in the plans	3,875.43	sq.m.			
2.05	Existing hallway tiles to be retained and subject for regrouting to match existing tile color.	211.38	sq.m.			
	SUBTOTAL COST:					
III.	WALL WORKS					
3.01	Existing wall subject for single faced drywall cladding using 87.5mm thick drywall partition using 12mm thk. fiber cement board with vertical and horizontal metal studs spaced every 400mm on center, both ways	934.60	sq.m.			
3.02	100mm thick drywall partition using 12mm thk. fiber cement board with vertical and horizontal metal studs spaced every 400mm on center, both ways.	712.16	sq.m.			
3.03	100mm thick drywall partition using 12mm thk. fiber cement board with vertical and horizontal metal studs spaced every 400mm on center, both ways, with 100mm thick compressed lightweight thermal and acoustic rockwool insulation.	309.15	sq.m.			
3.04	100mm thick concrete hollow blocks with 25mm thick plaster on both sides complete with horizontal and vertical steel reinforcing bars	150.00	sq.m.			
3.05	Exisiting marble wall finish subject for crystallization for areas shown in the plans	69.33	sq.m.			
	SUBTOTAL COST:					
IV.	WALL FINISHES					
4.01	10mm-12mm thick x 300mm x 600mm glazed porcelain wall tiles for all toilets and other areas shown in the plans	303.81	sq. m			
	SUBTOTAL COST:					
V.	CEILING WORKS					

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
5.01	9mm thk. Gypsumboard on 600mm x 600mm furring channel horinztal and vertical with 1200mm x 1200mm hanger both ways with 50mm shadow gap between walls and ceiling as per plan	2,230.24	sq.m.			
5.02	6mm thk. Fiber cement board on 600mm x 600mm furring channel both ways with 1200mm x 1200mm hanger both ways with 50mm shadow gap between walls and ceiling as per plan	101.68	sq.m.			
5.03	15mm thick x 600mm x 600mm acoustic board panel complete with tee and main runners, hanger rods and accessories as per manufacturer's standards.	475.95	sq.m.			
SUBTOTAL COST:						
VI.	PAINTING WORKS					
6.01	Painting of new partitions and repainting of existing walls using latex paint for interior wall surfaces as per manufacturer's standard as shown in the plans	3,964.80	sq.m.			
6.02	All ceiling works shall be painted with latex paint as per manufacturer's standard as shown in the plans	2,331.92	sq.m.			
SUBTOTAL COST:						
VII.	DOORS AND WINDOWS					
7.01	D01. 2400mm x 900mm; 12mm thick double-swing single tempered glass door with powder coated top and bottom FD100 frame, complete with necessary hardware and accessories as per manufacturer's standard. Contractor to verify schedule of doors.	30.00	sets			
7.02	D02. 2400mm x 1800mm; 12mm thick double-swing double tempered glass door with powder coated top and bottom FD100 frame, complete with necessary hardware and accessories as per manufacturer's standard. Contractor to verify schedule of doors.	20.00	sets			
7.03	D03. 2100mm x 900mm; 44mm thick kiln dried flush door with louver panel, with 50mm x 100mm kiln dried solid wood door jamb in faux wood stain finish with clear gloss top coat lacquer, complete with hardwares and accessories as per plan.	23.00	sets			
7.04	D04. 2100mm x 1800mm; 44mm thick kiln dried flush door with louver panel double door, with 50mm x 100mm kiln dried solid wood door jamb in faux wood stain finish with clear gloss top coat lacquer, complete with hardwares and accessories as per plan.	1.00	set			
7.05	D05. Existing steel door panel and door jamb subject for surface repair and repainting.	6.00	sets			
7.06	D06. 2500mm x 7500mm; Equally- divided operable partition with fabric finish on both side, with STC rating of 50, complete with hardwares and accessories as per plan.	1.00	set			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
7.07	D07. 2100mm x 900mm toilet door; 44mm thick kiln dried flush door with louver panel, with 50mm x 100mm kiln dried solid wood door jamb in faux wood stain finish with clear gloss top coat lacquer, complete with hardwares and accessories as per plan.	4.00	set			
7.08	D08. 2100mm x 100mm PWD toilet door; 44mm thick kiln dried flush door with louver panel, with 50mm x 100mm kiln dried solid wood door jamb in faux wood stain finish with clear gloss top coat lacquer, complete with hardwares and accessories as per plan.	1.00	set			
7.09	D09. 2100mm x 600mm janitor's room door; 44mm thick kiln dried flush door with louver panel, with 50mm x 100mm kiln dried solid wood door jamb in faux wood stain finish with clear gloss top coat lacquer, complete with hardwares and accessories as per plan.	1.00	set			
7.10	D10. Shower room door panel using 12mm thick laminated solid phenolic board partition complete with necessary hardware and accessories as per manufacturer's standards.	2.00	sets			
7.11	Powder coated aluminum threshold to be provided for every termination of different floor finishes	98.91	l.m			
	SUBTOTAL COST:					
VIII.	GLASS WORKS					
8.01	12mm thick tempered glass in FD 100 powder-coated aluminum framing including sealant application and frosted sticker for all glass partitions as shown in the plans	978.02	sq.m.			
8.02	Facial Mirror with 6mm thick marine plywood backing for toilets as shown in the plans	18.28	sq.m			
8.03	Graphicote with 6mm thick marine plywood backing for meeting rooms as shown in the plans	44.81	sq.m			
8.04	Supply, delivery and installation of 12mm thick tempered glass with holes for cashier area as per plan, complete with hardware and silicone sealants as per manufacturer's standard.	7.03	sq.m			
	SUBTOTAL COST:					
IX.	MASONRY WORKS					
9.01	18-20mm thk. granite pantry countertop including 150mm height splashboard and 100mm height sinapa on 2 pcs. 18mm thick marine plywood substrate mounted on top of modular base cabinet complete with necessary accessories and chemicals as per manufacturer's standards.	10.94	sq.m			
9.02	18-20mm thk. lavatory granite countertop including 150mm height splashboard and 100mm height sinapa on 75mm thick reinforced concrete substrate complete with rebars, complete with necessary accessories and chemicals as per manufacturer's standards.	15.86	sq.m			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
9.03	18mm- 20mm thick granite counter with 1 pc. 18 mm thick plywood subsurface with angular bar framing at cashier counter. Contractor to verify location as per plan.	3.72	sq.m			
	SUBTOTAL COST:					
X.	LIGHTING FIXTURES					
10.01	12 watts daylight recessed type LED light fixture	630.00	sets			
10.02	6 watts warm white recessed type LED light fixture	241.00	sets			
10.03	600mm x 600mm x 12mmH 48W daylight slim type LED panel ceiling light fixture with aluminium housing, 100-240Vac Input and 26-30Vdc Output and optical PMMA diffuser for offices, elevator lobby and other areas as shown in the plans	229.00	set			
10.04	2 x 3W LED twin head emergency light	185.00	set			
10.05	LED type ceiling mounted acrylic signage for fire exit and toilet signages	12.00	sets			
	SUBTOTAL COST:					
XI.	TOILET FIXTURES					
11.01	Water closet	17.00	set			
11.02	Water Closet lever-type flush valve	17.00	set			
11.03	Bidet spray	17.00	set			
11.04	Urinal	5.00	set			
11.05	Urinal flush valve self-closing	5.00	set			
11.06	Vessel type porcelain basin	13.00	set			
11.07	Basin Faucet (electronic sensor type)	14.00	set			
11.08	3.5kW Single point splash proof shower water heater unit	2.00	sets			
11.09	Slop Sink Faucet, 2-way brass lever-type	1.00	set			
11.10	Undercounter porcelain wash basin	1.00	set			
11.11	Telescopic shower curtain rod, aluminum chrome finish	2.00	set			
11.12	Waterproof polyester shower curtain with hook rings	2.00	set			
11.13	Stainless steel SUS 304 2-tier towel rack with shelf storage and hanger rods	2.00	set			
11.14	Toilet paper roll holder with cover lid	17.00	sets			
11.15	700mL automatic sensor type soap dispenser	14.00	sets			
11.16	32mm diameter x 600mmL Stainless steel SUS 304 ergonomic and upturned grab bar	1.00	set			
11.17	32mm diameter x 600mmL Stainless steel SUS 304 fixed wall mounted grab bar	1.00	set			
	SUBTOTAL COST:					
XII.	TOILET PARTITION					
12.01	Toilet partition and ledge. 12mm thick machine pressed laminated phenolic board substrate partitions with high scratch and impact resistance with aluminium edge and corner profile, complete with stainless steel/ aluminum hardware and accessories as per manufacturer's standards.	1.00	lot			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
12.02	Urinal partition and ledge. 12mm thick machine pressed laminated phenolic board substrate partitions with high scratch and impact resistance with aluminium edge and corner profile for urinal partition and ledge	1.00	lot			
	SUBTOTAL COST:					
XIII.	PANTRY FIXTURES AND ACCESSORIES					
13.01	Pantry sink – chrome finish stainless steel L796mm x W498mm x D180mm single bowl upper-counter sink with drain board with corrosion resistance property for pantry	4.00	sets			
13.02	Pantry sink faucet mixer – stainless steel chrome finish L-spout sink mixer complete with necessary accessories as per manufacturer's standards.	4.00	sets			
13.03	0.75HP – 225v food waste disposer, with stainless steel grind elements and 1180mL stainless steel grind chamber for pantry	4.00	set			
	SUBTOTAL COST:					
XIV.	MISCELLANEOUS WORKS					
14.01	3000mm length 18mm thick laminated marine plywood board under counter and overhead cabinets complete with stainless steel concealed hinges, continuous extruded aluminum handles, with adjustable shelves and necessary accessories as per manufacturers standard.	3.00	sets			
14.02	2840mm length 18mm thick laminated marine plywood board under counter and overhead cabinets complete with stainless steel concealed hinges, continuous extruded aluminum handles, with adjustable shelves and necessary accessories as per manufacturers standard.	1.00	set			
14.03	3500mm length 18mm thick laminated marine plywood board under counter and overhead cabinets complete with stainless steel concealed hinges, continuous extruded aluminum handles, with adjustable shelves and necessary accessories as per manufacturers standard.	1.00	set			
	SUBTOTAL COST:					
XV.	WATER PROOFING WORKS					
15.01	Cementitious crystallization waterproofing using crystalline waterproofing formulation for toilet as per manufacturer's specification	147.98	sqm			
	SUBTOTAL COST:					
	ARCHITECTURAL WORKS TOTAL COST:					
Electrical and Auxiliary Works Bid Form						
XXIX.	PANEL BOARDS, TRANSFORMERS & CIRCUIT BREAKERS					
29.01	PP1, 230V, 3P+G, NEMA 1, SURFACE MOUNTED	1.00	assy			
29.01.01	Main: 1 - EZC F 125AT, 160AF, 3P, 25KAIC, 230V, MCCB					
29.01.02	Brs: 24 - iC60 N 20AT, 63AF, 2P, 10KAIC, 230V, MCB					

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
29.02	PP2, 230V, 3P+G, NEMA 1, SURFACE MOUNTED	1.00	assy			
29.02.01	Main: 1 - EZC F 125AT, 160AF, 3P, 25KAIC, 230V, MCCB					
29.02.02	Brs: 24 - iC60 N 20AT, 63AF, 2P, 10KAIC, 230V, MCB					
29.03	PP3, 230V, 3P+G, NEMA 1	1.00	assy			
29.03.01	Main: 1 - EZC F 125AT, 160AF, 3P, 25KAIC, 230V, MCCB					
29.03.02	Brs: 24 - iC60 N 20AT, 63AF, 2P, 10KAIC, 230V, MCB					
29.04	PACU-EDPC 8F, 480V, 3P+G, NEMA 1, SURFACE MOUNTED	1.00	assy			
29.04.01	Main: 1 - EZC F 400AT, 400AF, 3P, 36KAIC, 230V, MCCB					
29.04.02	Brs: 12 - iC60 N 60AT, 63AF, 3P, 18KAIC, 230V, MCB					
29.04.03	2 - iC60 N 70AT, 100AF, 3P, 18KAIC, 230V, MCB					
29.04.04	Space: 1 - 63AF, 3P					
29.05	2BGU7A, 480V, 3P+G, NEMA 1, SURFACE MOUNTED	1.00	assy			
29.05.01	Main: 1 - EZC F 500AT, 600AF, 3P, 36KAIC, 230V, MCCB					
29.05.02	Brs: 7 - iC60 N 100AT, 63AF, 3P, 18KAIC, 230V, MCB					
29.05.03	2 - iC60 N 70AT, 100AF, 3P, 18KAIC, 230V, MCB					
29.05.04	Space: 1 - 63AF, 3P					
29.06	8DP, 230V, 3P+G, NEMA 1, SURFACE MOUNTED	1.00	assy			
29.06.01	Main: 1 - EZC F 300AT, 400AF, 3P, 36KAIC, 230V, MCCB					
29.06.02	Brs: 3 - EZC F 100AT, 100AF, 3P, 25KAIC, 230V, MCCB					
29.06.03	Space: 2 - 100AF, 3P					
29.07	50kVA 480V/ 230 DRY TYPE TRANSFORMER (to 7th floor)	1.00	assy			
29.08	300kVA 480V/ 230 DRY TYPE TRANSFORMER	1.00	assy			
	SUBTOTAL COST:					
XXX.	LIGHTING SYSTEM					
30.01	WIRING DEVICES					
30.01.01	National one gang switch	38.00	set			
30.01.02	National two gang switch	38.00	set			
30.01.03	National three gang switch	24.00	set			
30.02	CONDUITS					
30.02.01	15mmØ EMT conduits	680.00	pc/s			
30.02.02	15mmØ EMT elbow	330.00	pc/s			
30.02.03	15mmØ EMT coupling	680.00	pc/s			
30.02.04	15mmØ EMT connector	380.00	pc/s			
30.02.05	15mmØ EMT Locknut & Bushing	380.00	pc/s			
30.02.06	15mmØ flexible metal conduit	215.00	lm			
30.02.07	15mmØ straight connector	195.00	pc/s			
30.02.08	15mmØ angle connector	195.00	pc/s			
30.02.09	20mmØ EMT conduits	156.00	pc/s			
30.02.10	20mmØ EMT elbow	67.00	pc/s			
30.02.11	20mmØ EMT coupling	156.00	pc/s			
30.02.12	20mmØ EMT connector	321.00	pc/s			
30.02.13	20mmØ EMT Locknut & Bushing	321.00	pc/s			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
30.02.14	20mmØ flexible metal conduit	43.00	pc/s			
30.02.15	20mmØ straight connector	192.00	pc/s			
30.02.16	20mmØ angle connector	192.00	pc/s			
30.03	BOXES					
30.03.01	4" x 4" x 2" Octagonal Box, Gauge 16, Zinc-Chromate	989.00	pc/s			
30.03.02	6" x 6" x 4" Pull Box, Gauge 16, Zinc-Chromate	1.00	pc/s			
30.03.03	4-11/16" x 4-11/16" Square Box, Gauge 16, Zinc-Chromate	400.00	pc/s			
30.03.04	2" x 4" Utility Box, Gauge 16, Zinc-Chromate	110.00	pc/s			
30.04	WIRES & CABLES					
30.04.01	3.5mm ² Cu. THHN	4,589.00	lm			
30.04.02	5.5mm ² Cu. THHN	967.00	lm			
	SUBTOTAL COST:					
XXXI.	POWER SYSTEM					
31.01	WIRING DEVICES					
31.01.01	Duplex Convenience Outlet	700.00	sets			
31.01.02	Single Convenience Outlet, Grounding Type	42.00	sets			
31.02	CONDUITS					
31.02.01	15mmØ EMT conduits	2,432.00	pc/s			
31.02.02	15mmØ EMT elbow	510.00	pc/s			
31.02.03	15mmØ EMT coupling	2,432.00	pc/s			
31.02.04	15mmØ EMT connector	1,621.00	pc/s			
31.02.05	15mmØ EMT Locknut & Bushing	1,621.00	pc/s			
31.02.06	20mmØ EMT conduits	267.00	pc/s			
31.02.07	20mmØ EMT elbow	129.00	pc/s			
31.02.08	20mmØ EMT coupling	267.00	pc/s			
31.02.09	20mmØ EMT connector	182.00	pc/s			
31.02.10	20mmØ EMT Locknut & Bushing	182.00	pc/s			
31.02.11	25mmØ EMT conduits	327.00	pc/s			
31.02.12	25mmØ EMT elbow	164.00	pc/s			
31.02.13	25mmØ EMT coupling	367.00	pc/s			
31.02.14	25mmØ EMT connector	367.00	pc/s			
31.02.15	25mmØ EMT Locknut & Bushing	281.00	pc/s			
31.02.16	32mmØ EMT conduits	7.00	pc/s			
31.02.17	32mmØ EMT elbow	4.00	pc/s			
31.02.18	32mmØ EMT coupling	7.00	pc/s			
31.02.19	32mmØ EMT connector	5.00	pc/s			
31.02.20	32mmØ EMT Locknut & Bushing	5.00	pc/s			
31.02.21	50mmØ EMT conduits	62.00	pc/s			
31.02.22	50mmØ EMT elbow	31.00	pc/s			
31.02.23	50mmØ EMT coupling	62.00	pc/s			
31.02.24	50mmØ EMT connector	47.00	pc/s			
31.02.25	50mmØ EMT Locknut & Bushing	47.00	pc/s			
31.02.26	80mmØ IMC conduits	13.00	pc/s			
31.02.27	80mmØ IMC elbow	7.00	pc/s			
31.02.28	80mmØ IMC coupling	13.00	pc/s			
31.02.29	80mmØ IMC Locknut & Bushing	11.00	pc/s			
31.03	BOXES & PULL BOXES					
31.03.01	4" x 4" Octagonal Box, Gauge 16, Zinc-Chromate	567.00	pc/s			
31.03.02	4-11/16" x 4-11/16" Square Box, Gauge 16, Zinc-Chromate	220.00	pc/s			
31.03.03	2" x 4" Utility Box, Gauge 16, Zinc-Chromate	742.00	pc/s			
31.04	WIRES & CABLES					
31.04.01	3.5mm ² Cu. THHN	12,128.00	lm			
31.04.02	5.5mm ² Cu. THHN	3,456.00	lm			

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31.04.03	14mm ² Cu. THHN	2,528.00	lm			
31.04.04	30mm ² Cu. THHN	100.00	lm			
31.04.05	38mm ² Cu. THHN	46.00	lm			
31.04.06	60mm ² Cu. THHN	2,169.00	lm			
31.04.07	200mm ² Cu. THHN	167.00	lm			
	SUBTOTAL COST:					
XXXII.	FIRE DETECTION ALARM SYSTEM					
32.01	CONDUIT & FITTINGS					
32.01.01	20mm \emptyset EMT conduits	230.00	pc/s			
32.01.02	20mm \emptyset EMT elbow	110.00	pc/s			
32.01.03	20mm \emptyset EMT coupling	230.00	pc/s			
32.01.04	20mm \emptyset EMT connector	253.00	pc/s			
32.01.05	20mm \emptyset Locknut & Bushing	253.00	pc/s			
32.01.06	20mm \emptyset flexible metal conduit	167.00	lights			
32.01.07	20mm \emptyset straight connector	167.00	pc/s			
32.01.08	20mm \emptyset angle connector	147.00	pc/s			
32.02	BOXES & PULL BOXES					
32.02.01	4" x 4" x 2" Octagonal Box, Gauge 16, Zinc-Chromate	134.00	pc/s			
32.02.02	Square Box w/ cover	13.00	pc/s			
32.02.03	Utility Box	56.00	pc/s			
32.02.04	Miscellaneous Materials	1.00	pc/s			
32.02.05	Fabricated Pullbox, 300mm x 300mm x 200mm	1.00	pc/s			
32.03	WIRES & CABLES					
32.03.01	Twisted Pair #16 (MINIRAL INSULATION FRC)	1,056.00	lm			
32.04	EQUIPMENTS & DEVICES					
32.04.01	manual pull station	7.00	pc/s			
32.04.02	horn with strobe light	43.00	set			
32.04.03	strobe light	5.00	set			
32.04.04	smoke detector	74.00	pc/s			
32.04.05	Detector Base	74.00	pc/s			
	SUBTOTAL COST:					
XXXIII.	LAN/TELEPHONE SYSTEM					
33.01	CONDUIT & FITTINGS					
33.01.01	25mm \emptyset EMT conduits	321.00	pc/s			
33.01.02	25mm \emptyset EMT elbow	112.00	pc/s			
33.01.03	25mm \emptyset EMT coupling	321.00	pc/s			
33.01.04	25mm \emptyset EMT connector	96.00	pc/s			
33.01.05	25mm \emptyset Locknut & Bushing	96.00	pc/s			
33.01.06	32mm \emptyset EMT conduits	1,467.00	lights			
33.01.07	32mm \emptyset EMT elbow	718.00	pc/s			
33.01.08	32mm \emptyset EMT coupling	1,467.00	pc/s			
33.01.09	32mm \emptyset EMT connector	1,140.00	pc/s			
33.01.10	32mm \emptyset Locknut & Bushing	1,140.00	pc/s			
33.02	BOXES & PULL BOXES					
33.02.01	4" x 4" x 2" Octagonal Box, Gauge 16, Zinc-Chromate	130.00	pc/s			
33.02.02	2" x 4" Utility Box, Gauge 16, Zinc-Chromate	629.00	pc/s			
33.02.03	Square Box w/ cover	34.00	pc/s			
33.02.04	Fabricated Pullbox, 300mm x 300mm x 200mm	1.00	pc/s			
33.03	WIRES & CABLES					
33.03.01	CAT 5e Cable	8,562.00	lm			
33.04	EQUIPMENTS & DEVICES					
33.04.01	Socket	450.00	pc/s			
	SUBTOTAL COST:					
XXXIV.	CCTV SYSTEM					

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
34.01	CONDUIT & FITTINGS					
34.01.01	25mmØ EMT conduits	187.00	pc/s			
34.01.02	25mmØ EMT elbow	58.00	pc/s			
34.01.03	25mmØ EMT coupling	187.00	pc/s			
34.01.04	25mmØ EMT connector	32.00	pc/s			
34.01.05	25mmØ Locknut & Bushing	32.00	pc/s			
34.02	BOXES & PULL BOXES					
34.02.01	Fabricated Pullbox, 300mm x 300mm x 200mm	1.00	pc/s			
34.02.02	Octagonal Box w/ cover	24.00	pc/s			
34.02.03	Square Box w/ cover	8.00	pc/s			
34.02.04	Miscellaneous Materials	1.00	pc/s			
34.03	WIRES & CABLES					
34.03.01	Cat5e UTP Cable, 4 Pairs	521.00	lm			
34.04	EQUIPMENTS & DEVICES					
34.04.01	Varifocal type, Infrared, fished eye type cctv camera	18.00	pcs			
	SUBTOTAL COST:					
XXXV.	PA SYSTEM					
35.01	CONDUIT & FITTINGS					
35.01.01	15mmØ EMT conduits	750.00	pc/s			
35.01.02	15mmØ EMT elbow	240.00	pc/s			
35.01.03	15mmØ EMT coupling	750.00	pc/s			
35.01.04	15mmØ EMT connector	120.00	pc/s			
35.01.05	15mmØ Locknut & Bushing	120.00	pc/s			
35.02	BOXES & PULL BOXES					
35.02.01	Fabricated Pullbox, 300mm x 300mm x 200mm	1.00	pc/s			
35.02.02	Octagonal Box w/ cover	88.00	pc/s			
35.02.03	Square Box w/ cover	29.00	pc/s			
35.02.04	Miscellaneous Materials	1.00	pc/s			
35.03	WIRES & CABLES					
35.03.01	2C-1.6mmØ audio cable	2,217.00	lm			
35.04	EQUIPMENTS & DEVICES					
35.04.01	Metal Ceiling Speaker, 6 Watts tapping	98.00	pc/s			
	SUBTOTAL COST:					
	ELECTRICAL WORKS TOTAL COST:					
Sanitary and Plumbing Works Bid Form						
I.	FACILITY SANITARY SEWERAGE					
1.10	Sanitary Sewer Line					
	Supply and installation of Polyvinyl Chloride (PVC) pipes, Series 1000 II or approved equal, including fittings, painting, sleeves, supports, hangers and other miscellaneous items as shown and as required to complete the system					
1.1.1	100mm diameter	96.00	lm			
1.1.2	75mm diameter	75.00	lm			
1.1.3	50mm diameter	95.00	lm			
1.20	Vent Line (Horizontal and Vertical)					
	Supply and installation of Polyvinyl Chloride (PVC) pipes, Series 1000 II or approved equal, including fittings, painting, sleeves, supports, hangers and other miscellaneous items as shown and as required to complete the system					
1.2.1	75mm diameter	47.00	lm			
1.2.2	50mm diameter	370.00	lm			
	Supply and installation of Floor Clean-out					
1.2.3	100mm diameter jointing to PVC Pipe	5.00	lm			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
1.2.4	75mm diameter jointing to PVC Pipe	7.00	lm			
1.30	Drains					
	Supply and installation of drains including adaptors and p-trap as required, setting in concrete, making good around with approved grouting					
	Floor Drain					
1.3.1	50mm diameter jointing to PVC Pipe	16.00	pc/s			
	Shower Drain					
1.3.2	50mm diameter jointing to PVC Pipe	2.00	pc/s			
1.40	Grease trap					
	Supply and installation of grease trap, complete with removable stainless wire basket, 6mm thick hot dipped checkered steel plate cover, round bar lifting handle and all other necessary accessories and connections					
1.4.1	Grease trap; stainless steel Capacity: 4 GPM	4.00	pc/s			
1.50	Plumbing Fixtures					
	Fix only including all necessary adaptors and fittings necessary to finish the work.					
1.5.1	Water Closet	19.00	pc/s			
1.5.2	Lavatory	14.00	pc/s			
1.5.3	Urinal	6.00	pc/s			
1.5.4	Sink	4.00	pc/s			
1.5.5	Slop Sink	1.00	pc/s			
1.5.6	Shower Head	2.00	pc/s			
II.	AIRCON DRAINAGE PIPING					
2.10	Aircon Drain Line (Collectors and risers)					
	Supply and installation of Polyvinyl Chloride (PVC) pipes, Series 1000 II or approved equal, including fittings, painting, sleeves, supports, hangers and other miscellaneous items as shown and as required to complete the system					
2.1.1	50mm diameter	303.00	lm			
2.1.2	25mm diameter	489.00	lm			
2.20	Plumbing Insulation					
	Supply and installation of 20mm thick, pre-molded elastomeric closed cell rubber insulation, wrapped with polyethylene tape and clad with GA-26 aluminum sheets, including vapor barrier and other miscellaneous items as shown and as required to complete the system					
	Condensate Insulation					
2.2.1	50mm diameter	303.00	lm			
2.2.2	25mm diameter	489.00	lm			
III.	FACILITY WATER DISTRIBUTION					
3.10	Cold Water Line (Main line,Horizontal and Vertical)					
	High Density Polypropylene Random Copolymer (PPR) pipes, Class PN-20 including fittings, painting, sleeves, support, hangers, and other miscellaneous items as shown and as required to complete the system.					
3.1.1	15mm diameter	113.00	lm			
3.1.2	20mm diameter	40.00	lm			
3.1.3	25mm diameter	45.00	lm			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
3.1.4	32mm diameter	53.00	lm			
3.1.5	40mm diameter	29.00	lm			
3.1.6	50mm diameter	5.00	lm			
3.20	Supply and Install of Hosebibb					
3.2.1	15mm diameter	1.00	pc/s			
3.30	Supply and install of Gate Valves					
3.3.1	15mm diameter	6.00	pc/s			
3.3.2	20mm diameter	2.00	pc/s			
3.3.3	25mm diameter	3.00	pc/s			
3.3.4	32mm diameter	3.00	pc/s			
3.3.5	40mm diameter	3.00	pc/s			
3.3.6	50mm diameter	1.00	pc/s			
IV.	The following are in respect of the whole of the Plumbing Installations					
4.10	Sealing, packing and fire proofing wherever required where pipes, conduits, cables or trunking pass through slabs, walls, beams and the like	1.00	item			
4.20	providing samples	1.00	item			
4.30	providing identification, color coding and labelling	1.00	item			
4.40	providing approved shop drawings consisting of five (5) sets for distribution	1.00	item			
4.50	providing "as-built" drawings consisting of five (5) sets of paper prints and including one (1) set of negatives	1.00	item			
4.60	providing operation and maintenance manuals consisting of five (5) sets	1.00	item			
4.70	testing and commissioning including making good all defects and re-testing as necessary and leaving all in sound and perfect working order on completion	1.00	item			
4.80	instructing the Owner's representatives in operation, maintenance and service of completed installation; a period of twelve (12) months from the date of issuance of Certificate of Completion	1.00	item			
4.90	maintenance including labor and parts replacement; a period of twelve (12) months from the date of issuance of Certificate of Completion	1.00	item			
4.10	disinfecting the whole water distribution system issuing of the certificate of insurance that the whole system is free from contamination	1.00	item			
	PLUMBING WORKS TOTAL COST:					
Fire Protection Works Bid Form						
I.	Sprinkler Heads					
	Supply and installation of concealed sprinkler heads, 25mm dia B.I. piping and other miscellaneous items as shown and as required to complete the system					
1.10	Relocation of existing pendent heads	315.00	pc/s			
1.20	Additional (new) concealed type sprinkler heads	57.00	pc/s			
1.30	Deletion of sprinkler heads	-	pc/s			
II.	10Lbs Portable Fire Extinguisher	77.00	pc/s			
III.	Data Center Fuppression System	1.00	lot			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
IV.	SUNDRIES					
	The following are in respect of the whole of Fire Protection Installations					
4.10	Sealing, packing and fire proofing wherever required where pipes, conduits, cables or trunking pass through slabs, walls, beams and the like	1.00	item			
4.20	providing samples	1.00	item			
4.30	providing identification, color coding and labelling	1.00	item			
4.40	providing approved shop drawings consisting of five (5) sets for distribution	1.00	item			
4.50	providing "as-built" drawings consisting of five (5) sets of paper prints and including one (1) set of negatives	1.00	item			
4.60	providing operation and maintenance manuals consisting of five (5) sets	1.00	item			
4.70	testing and commissioning including making good all defects and re-testing as necessary and leaving all in sound and perfect working order on completion	1.00	item			
4.80	instructing the Owner's representatives in operation, maintenance and service of completed installation; a period of twelve (12) months from the date of issuance of Certificate of Completion	1.00	item			
4.90	maintenance including labor and parts replacement; a period of twelve (12) months from the date of issuance of Certificate of Completion	1.00	item			
4.10	disinfecting the whole water distribution system issuing of the certificate of insurance that the whole system is free from contamination	1.00	item			
4.11	others; miscellaneous and consumables or any items not stated herein necessary to complete the system	1.00	item			
	FIRE PROTECTION WORKS TOTAL COST:					
Mechanical Works Bid Form						
I.	GENERAL REQUIREMENTS					
1.10	All insurances such as bonds and guarantee performance bonds, third party insurance and surety bond against down payment and retention bond	1.00	lot			
1.20	Mobilization and demobilization of workers, tools and equipments	1.00	lot			
1.30	Temporary facilities and temporary utilities	1.00	lot			
1.40	Safety and security, daily cleaning and maintenance works	1.00	lot			
1.50	Demolition and hauling of debris	1.00	lot			
	SUBTOTAL COST:					
II.	AIR CONDITIONING UNIT					
2.00	VRF OUTDOOR UNIT					
	ACCUV-1-01, 20HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-1-02, 20HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
	ACCUV-1-03, 20HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-2-01, 12HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-2-02, 12HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-2-03, 20HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-3-01, 16HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-3-02, 18HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-3-03, 18HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-4-01, 16HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-4-02, 18HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	ACCUV-4-03, 18HP Variable Refrigerant Flow Air Cooled Condensing Unit. Blue Fin Coated	1.00	set			
	VRF INDOOR UNIT					
	ACUV 1-03, 1.6 HP, Wall Mounted Unit	1.00	set			
	ACUV 1-05, 5.0 HP, 4-Way Ceiling Cassette	5.00	set			
	ACUV 1-07, 1.6 HP, Wall Mounted Unit	1.00	set			
	ACUV 1-09, 1.6 HP, Wall Mounted Unit	1.00	set			
	ACUV 2-02, 5.0 HP, 4-Way Ceiling Cassette	6.00	set			
	ACUV 2-03, 1.25 HP, Wall Mounted Unit	1.00	set			
	ACUV 2-05, 2.0 HP, Wall Mounted Unit	1.00	set			
	ACUV 2-06, 2.0 HP, Wall Mounted Unit	1.00	set			
	ACUV 2-07, 1.0 HP, Wall Mounted Unit	1.00	set			
	ACUV 3-03, 2.0 HP, Wall Mounted Unit	1.00	set			
	ACUV 3-04, 1.6 HP, Wall Mounted Unit	1.00	set			
	ACUV 4-04, 1.6 HP, Wall Mounted Unit	1.00	set			
	ACUV 4-06, 5.0 HP, 4-Way Ceiling Cassette	7.00	set			
	ACCESSORIES					
	Outdoor "Y" Branch Kit	12.00	set			
	Indoor "Y" Branch Kit	59.00	set			
	Standard Wired Remote Controller (Thermostat)	56.00	set			
	VRF Control for BMS	1.00	set			
	OTHERS					
	Refrigerant Pipe Valves for VRF Indoor Unit	120.00	set			
	Refrigerant Pipes, Pipe Insulation and Control Wires and Refrigerant Charge	1.00	lot			
	Electrical Wirings, Panel Boards and other signal wires	1.00	lot			
	SUBTOTAL COST:					
3.00	CHILLED WATER PIPES AND ACCESSORIES					
	100mmØ ASTM ERR B.I Pipe	24.00	lm			
	100mmØ Balancing Valve	2.00	pcs			
	100mmØ (50MM THK.) Elastomeric Rubber Insulation	10.00	lm			
	20mmØ Automatic Air Vent	4.00	lm			
	Flanges, elbows, and other Pipe Accessories, test ports	1.00	lot			
	SUBTOTAL COST:					

ITEM NO.	ITEM DESCRIPTION AND LOCATION	QUANTITY	UNIT	UNIT COST	TOTAL COST	REMARKS
4.00	PRECISION AIR CONDITIONING UNIT					
	3 TR Floor Mounted, Split, Variable Type A/C Unit	2.00	pcs			
	5 TR Floor Mounted, Split, Variable Type A/C Unit	2.00	pcs			
	SUBTOTAL COST:					
5.00	DUCTWORK AND ACCESSORIES					
	Galvanized Iron Sheet					
	US Ga. # 24	1,050.00	sq.m.			
	Flexible Duct c/w insulation and vapor barrier					
	250 dia.	630.00	lm			
	25mm thk. Crosslinked Polyolefin Insulation c/w vapor barrier and adhesive	920.00	sqm			
	25mm thk. Internal linings	535.00	sqm			
	400X400 Damper	2.00	lot			
	SUBTOTAL COST:					
5.00	AIR DIFFUSERS					
	1000x100mm Linear Bar Grille c/w Opposed Blade Damper, Aluminum Type	48.00	pcs			
	350X350 4-Way Ceiling Diffuser c/w Opposed Blade Damper	180.00	pcs			
	SUBTOTAL COST:					
6.00	OTHERS					
	Duct and Pipe Hangers, Equipment Support, noise and vibration isolators, volume control dampers	1.00	lot			
	Consumables, canvass, flexible duct, sealant, etc	1.00	lot			
	Testing and Commissioning and Miscellaneous Items other miscellaneous items to complete the system	1.00	lot			
	SUBTOTAL COST:					
	MECHANICAL WORKS TOTAL COST:					
	TOTAL PROJECT COST:					

Submitted by: