

(INSERT NAME AND LOGO OF BIDDER)

BILL OF QUANTITIES

Project: Construction of Techno-Biz Building in Binangonan Campus
Location: URS Binangonan Campus

ITEM	WORK DESCRIPTION	QUANTITY	UNIT	UNIT COST (PHP)		COST (PHP)		TOTAL (PHP)
				MATERIAL	LABOR	MATERIAL	LABOR	
I	General Requirements							
	Project Billboard/ Sign Board	1.00	lot					
	Temporary Facility	1.00	lot					
	Mobilization/Demobilization	1.00	lot					
	Permits & Clearances	1.00	lot					
	Occupational Safety and Health Program	1.00	lot					
	SUB-TOTAL I							
II	Siteworks							
	Structure Excavation	134.00	cu.m					
	Embankment from structure excavation	110.00	cu.m					
	Demolition of hallway partition for connecting bridge	1.00	lot					
	Gravel Bedding 1"	17.85	cu.m					
	Soil Poisoning	180.00	sq.m					
	Hauling/Disposal	1.00	lot					
	Temporary Fence	48.40	l.m					
	SUB-TOTAL II							
III	Concrete Works							
	Footing	25.88	cu.m					
	Cement	285.00	bags					
	Sand	12.94	cu.m					
	Gravel	25.88	cu.m					
	16mmØ RSB (Grade 60)	1,375.05	kgs					
	#16 G.I. wire	11.00	kgs					
	Column	25.61	cu.m					
	Cement	282.00	bags					
	Sand	12.81	cu.m					
	Gravel	25.61	cu.m					
	12mmØ RSB (Grade 40)	3,691.50	kgs					
	20mmØ RSB (Grade 60)	5,563.60	kgs					
	#16 G.I. wire	202.00	kgs					
	Beam	34.52	cu.m					
	Cement	380.00	bags					
	Sand	17.26	cu.m					
	Gravel	34.52	cu.m					
	10mmØ RSB (Grade 40)	1,627.70	kgs					
	16mmØ RSB (Grade 60)	5,395.65	kgs					
	#16 G.I. wire	58.00	kgs					
	Wall Footing	1.50	cu.m					
	Cement	17.00	bags					
	Sand	0.75	cu.m					
	Gravel	1.50	cu.m					
	12mmØ RSB (Grade 40)	77.65	kgs					
	#16 G.I. wire	1.00	kgs					
	Slab on Grade	13.00	cu.m					
	Cement	104.00	bags					
	Sand	6.50	cu.m					
	Gravel	13.00	cu.m					
	10mmØ RSB (Grade 40)	493.29	kgs					
	#16 G.I. wire	8.00	kgs					
	Suspended Slab	18.33	cu.m					
	Cement	202.00	bags					
	Sand	9.17	cu.m					
	Gravel	18.33	cu.m					
	10mmØ RSB (Grade 40)	1,530.37	kgs					
	#16 G.I. wire	74.00	kgs					
	Lintel Beam and Canopy	5.37	cu.m					
	Cement	60.00	bags					
	Sand	2.69	cu.m					
	Gravel	5.37	cu.m					
	10mmØ RSB (Grade 40)	275.59	kgs					
	12mmØ RSB (Grade 40)	186.45	kgs					
	16mmØ RSB (Grade 60)	189.40	kgs					
	#16 G.I. wire	10.00	kgs					
	Stair	4.87	cu.m					
	Cement	54.00	bags					
	Sand	2.44	cu.m					
	Gravel	4.87	cu.m					
	10mmØ RSB (Grade 40)	357.35	kgs					
	12mmØ RSB (Grade 40)	285.25	kgs					
	#16 G.I. wire	11.00	kgs					
	SUB-TOTAL III							
IV	Formworks and Falseworks							
	Phenolic Board (0.019x1.2x2.4)	54.00	pc					
	Good Lumber	1,206.00	bd.ft					
	Consumables	1.00	lot					
	Rental, Installation and Dismantling of H-Frame, Shoring Jack, Base Jack, U-head Jack, GI Pipe, Tie Rod and Round Wing Nut	1.00	lot					
	SUB-TOTAL IV							
V	Masonry Works							
	150mm thk CHB	2,761.00	pcs					
	100mm thk CHB	1,639.00	pcs					
	Cement	610.00	bags					
	Sand	34.00	cu.m					
	10mmØ RSB (Grade 40)	1,097.00	kgs					
	#16 G.I. wire	17.00	kgs					
	SUB-TOTAL V							
VI	Roof Works							
	Steel Works							
	50mm x 100mm C-Purlins, 1.8mm thk.	40.00	pcs					
	38mm x 38mm Angle Bar, 6mm thk.	100.00	pcs					
	10mmØ Sag Rod	145.00	pcs					
	Base Plate, 10mm thk.	29.67	kgs					
	Anchor Bolt, 16mmØ	36.00	pcs					
	Steel Cage Ladder	1.00	lot					
	Consumables	1.00	lot					
	Tinsmithry Works							

(INSERT NAME AND LOGO OF BIDDER)

BILL OF QUANTITIES

Project: Construction of Techno-Biz Building in Binangonan Campus

Location: URS Binangonan Campus

ITEM	WORK DESCRIPTION	QUANTITY	UNIT	UNIT COST (PHP)		COST (PHP)		TOTAL (PHP)
				MATERIAL	LABOR	MATERIAL	LABOR	
	Prepainted Rib Type Metal Sheets, GA24	141.46	sq.m					
	Tekscrew	1,415.00	pcs					
	5mm thk. P.E. foam insulation double	3.00	rolls					
	Pre-Painted Flashing, GA24	50.00	l.m					
	Blind Rivets	15.00	boxes					
	6" Spandrel Eaves with vent	329.00	l.m					
	End mouldings	100.00	l.m					
	12mm thk. x 12" x 8' Fascia Board	22.00	pcs					
	Pointed Ficem Screw	2.00	boxes					
	Sealant	4.00	pcs					
	Consumables	1.00	lot					
	SUB-TOTAL VI							
VII	Ceiling Works							
	4.5mm Fiber Cement Board	69.00	pcs					
	Metal Furring	213.00	pcs					
	Carrying Channel	67.00	pcs					
	Hanger Rod/Bars	188.00	pcs					
	Channel Clip	1,126.00	pcs					
	Wall Angle	45.00	pcs					
	Blind Rivet	6.00	boxes					
	1" Metal Screw	751.00	pcs					
	SUB-TOTAL VII							
VIII	Tile Works							
	300mm x 300mm Non glazed tiles (Toilet floor)	150.00	pcs					
	300mm x 600mm Glazed tiles (Toilet wall)	240.00	pcs					
	300mm x 300mm Non glazed tiles (Stairs)	395.00	pcs					
	600mm x 600mm Glazed tiles	385.00	pcs					
	600mm x 600mm Non glazed tiles (Balcony)	35.00	pcs					
	Blind stop paver round 200mm x 200mm x 27mm	3,000.00	pcs					
	Crushed Gravel	12.00	cu.m					
	Cement	72.00	bags					
	Sand	9.60	cu.m					
	Tile Adhesive Heavy-Duty	32.00	bags					
	Tiles grout	28.00	bags					
	Cementitious Waterproofing	1.00	pail					
	SUB-TOTAL VIII							
IX	Doors							
	D-1 = 0.8m x 2.1m Single Swing Steel Door in 50mm x 100mm Steel Frame with complete hardwares and accessories	1.00	set					
	D-2 = 4.9m x 2.8m; 10mm thk Tempered Glass Sliding Door (2.0m x 2.1m) with fixed side window; Powder coated aluminum frame, complete hardwares and accessories (including installation)	1.00	set					
	D-3 = 1.8m x 2.1m; 10mm thk Tempered Glass Sliding Door with powder coated aluminum frame, complete hardwares and accessories (including installation)	4.00	sets					
	D-4 = 0.7m x 2.1m Single Swing Steel Door with Louver in 50mm x 100mm Steel Frame with complete hardwares and accessories	4.00	sets					
	D-5 = 0.9m x 2.1m Single Swing Steel Door in 50mm x 100mm Steel Frame with complete hardwares and accessories	1.00	set					
	D-6 = 0.7m x 1.2m Single Swing Steel Door in 50mm x 100mm Steel Frame with complete hardwares and accessories	1.00	set					
	SUB-TOTAL IX							
X	Windows							
	W-1 = 4.9m x 1.6m; 6mm thk Tempered Glass Fixed and Sliding Type Window with powder coated aluminum frame, complete hardwares and accessories	2.00	sets					
	W-2 = 5.0m x 1.6m; 6mm thk Tempered Glass Fixed and Sliding Type Window with powder coated aluminum frame, complete hardwares and accessories	2.00	sets					
	W-3 = 0.6m x 0.6m; 6mm thk Tempered Glass Awning Type Window with powder coated aluminum frame, complete hardwares and accessories	4.00	sets					
	W-4 = 2.27m x 1.6m; 6mm thk Tempered Glass Fixed and Sliding Type Window with powder coated aluminum frame, complete hardwares and accessories	1.00	set					
	W-5 = 2.48m x 2.8m; 10mm thk glass Fixed and Sliding Type Window with powder coated aluminum frame, complete hardwares and accessories	1.00	set					
	SUB-TOTAL X							
X	Accordion Partition							
	PVC Accordion Partition with complete accessories	1.00	set					
	SUB-TOTAL X							
IX	Painting Works							
	Skimcoat	36.00	pails					
	Flat Latex	18.00	pails					
	All Purpose Epoxy Adhesive	3.00	liters					
	Semi-gloss Latex	17.00	pails					
	Masonry Putty (Spot)	6.00	pails					
	Acrylic solvent-based Putty (Spot)	6.00	pails					
	Acrylic reducer	13.00	liters					
	Epoxy Primer	8.00	liters					
	Epoxy Enamel Paint	7.00	liters					
	Epoxy Water-based Paint	5.00	liters					
	Epoxy Reducer	5.00	liters					
	Consumables	1.00	lot					
	SUB-TOTAL IX							
XII	Railings, Grilles and Signage							
	50mm x 150mm x 1.8mm thk Tubular Steel	9.00	pcs					
	50mm x 50mm x 1.8mm thk Tubular Steel	36.00	pcs					
	38mm x 4.5mm thk Flat bar	14.00	pcs					
	12mm Square bar	50.00	pcs					
	Stainless Steel Letters (3D), 60mmthk. X 300m H, Mirror Finish, S/S 304	18.00	pcs					
	Stainless Steel URS Logo, 500mm dia., S/S 304	1.00	pc					

(INSERT NAME AND LOGO OF BIDDER)

BILL OF QUANTITIES

Project: Construction of Techno-Biz Building in Binangonan Campus
Location: URS Binangonan Campus

ITEM	WORK DESCRIPTION	QUANTITY	UNIT	UNIT COST (PHP)		COST (PHP)		TOTAL (PHP)
				MATERIAL	LABOR	MATERIAL	LABOR	
	Acrylic Plastic for Room Signage	9.00	pcs					
	Consumables	1.00	lot					
	SUB-TOTAL XII							
XV	PLUMBING WORKS							
	Plumbing Fixtures							
	Water closet, complete fittings and accessories	4.00	sets					
	Wall hung lavatory, complete fittings and accessories	4.00	sets					
	Urinal, complete fittings and accessories	2.00	sets					
	Stainless Lavatory Faucet	4.00	pcs					
	Stainless Wall Faucet	12.00	pcs					
	Hand Bidet	4.00	pcs					
	Vanity Mirror	4.00	pcs					
	Floor Drain	4.00	pcs					
	Cold Waterline							
	20mm Ø Check Valve	1.00	pc					
	20mm Ø Gate Valve	5.00	pcs					
	20mm Ø Water Meter	1.00	pc					
	20mm Ø PPRC Pipe, PN20	8.00	pcs					
	20mm Ø PPR Coupling	8.00	pcs					
	20mm Ø PPR Elbow	19.00	pcs					
	20mm Ø PPR Tee	7.00	pcs					
	Consumables	1.00	lot					
	Hydro Pressure Test (Pump Operated w/ Pressured Gauge)	1.00	lot					
	Sewer Line and Vent System							
	PVC Pipe, 4", Series 1000 (3meters)	6.00	pcs					
	PVC Pipe, 2", Series 1000	5.00	pcs					
	PVC Wye, 4"x4", Series 1000	5.00	pcs					
	PVC Wye, 4"x2", Series 1000	6.00	pcs					
	PVC Wye, 2"x2", Series 1000	6.00	pcs					
	PVC Clean out set, 4", Series 1000	7.00	pcs					
	PVC 45 deg elbow, 4", Series 1000	12.00	pcs					
	PVC 45 deg elbow, 2", Series 1000	10.00	pcs					
	PVC Tee, 2"x2", Series 1000	2.00	pcs					
	PVC Tee, 4"x2", Series 1000	2.00	pcs					
	PVC Tee, 4"x4", Series 1000	1.00	pc					
	PVC 90 deg elbow, 2", Series 1000	6.00	pcs					
	PVC P-Trap, 2", Series 1000	8.00	pcs					
	Consumables	1.00	lot					
	Testing and Comissioning (Leak Test)	1.00	lot					
	Septic Tank							
	150mm thk CHB	279.00	pcs					
	Cement	52.00	bags					
	Sand	2.03	cu.m					
	Gravel	1.20	cu.m					
	12mmØ RSB (Grade 40)	7.00	pcs					
	10mmØ RSB (Grade 40)	38.00	pcs					
	#16 G.I. wire	3.00	kgs					
	SUB-TOTAL XV							
XVI	Electrical Works							
	Ground Floor							
	(LPP)(Lighting/ Power Panel) 2 -Main 75AT,3P, 230V, MCCB w/ MTS and 14 Branches 9 - 20AT, 2P, 5 - 30AT, 2P	1.00	Assy.					
	Nema 3R, 75AT, 3P 230V MCCB (Genset Provision)	1.00	Assy.					
	22mm2 THHN Wire	60.00	m					
	8.0mm2 THHN Wire	60.00	m					
	3.5mm2 THHN Wire	50.00	m					
	(1-1/2") 40mm Diameter PVC Conduit	9.00	pcs					
	(1/2") 20mm Diameter PVC Conduit	8.00	pcs					
	18W, 230V,T8 LED DayLight with WeatherProof Outdoor Case	7.00	Assy.					
	12W, 230V, Surface Mounted Circular Type (Daylight)	1.00	pcs					
	1 way, 1 Gang Switch	1.00	pcs					
	1 way, 3 Gang Switch	1.00	pcs					
	3 way, 1 Gang Switch	1.00	pcs					
	Junction Box	9.00	pcs					
	Utility Box	4.00	pcs					
	Consumables, Fittings and Accessories	1.00	lot					
	Second Floor							
	300mm x 1200mm Eggcrate Aluminum Louver with 2- T8 LED Tube	12.00	Assy.					
	12W, 230V, Recessed Circular Downlights	8.00	pcs					
	Automatic Emergency Light	3.00	pcs					
	1 way, 1 Gang Switch	2.00	pcs					
	1 way, 2 Gang Switch	4.00	pcs					
	3 way, 1 Gang Switch	2.00	pcs					
	(1/2") 20mm Diameter PVC Conduit	15.00	pcs					
	(3/4") 25mm Diameter PVC Conduit	10.00	pcs					
	3.5mm2 THHN Wire	1.00	box					
	5.5mm2 THHN Wire	60.00	m					
	Junction Box	22.00	pcs					
	Utility Box	8.00	pcs					
	Square Box	2.00	pcs					
	Consumables, Fittings and Accessories	1.00	lot					
	Single Convenience Outlet for EL	3.00	pcs					
	Duplex Convenience Outlet	7.00	pcs					
	Weather Proof Convenience Outlet	1.00	pcs					
	Nema 3R, with 30AT, 2P 230V	2.00	Assy.					
	Third Floor							
	300mm x 1200mm Eggcrate Aluminum Louver with 2- T8 LED Tube	14.00	Assy.					
	12W, 230V, Recessed Circular Downlights	6.00	pcs					
	Automatic Emergency Light	5.00	pcs					
	1 way, 1 Gang Switch	3.00	pcs					

(INSERT NAME AND LOGO OF BIDDER)

BILL OF QUANTITIES

Project: Construction of Techno-Biz Building in Binangonan Campus

Location: URS Binangonan Campus

ITEM	WORK DESCRIPTION	QUANTITY	UNIT	UNIT COST (PHP)		COST (PHP)		TOTAL (PHP)
				MATERIAL	LABOR	MATERIAL	LABOR	
	1 way, 2 Gang Switch	2.00	pcs					
	1 way, 3 Gang Switch	1.00	pcs					
	3 way, 1 Gang Switch	1.00	pcs					
	(1/2") 20mm Diameter PVC Conduit	17.00	pcs					
	(3/4") 25mm Diameter PVC Conduit	10.00	pcs					
	3.5mm ² THHN Wire	1.00	box					
	5.5mm ² THHN Wire	90.00	m					
	Junction Box	22.00	pcs					
	Utility Box	8.00	pcs					
	Square Box	3.00	pcs					
	Consumables, Fittings and Accessories	1.00	lot					
	Duplex Convenience Outlet	13.00	pcs					
	Weather Proof Convenience Outlet	1.00	pcs					
	Single Convenience Outlet for EL	5.00	pcs					
	Nema 3R, with 30AT, 2P 230V	3.00	Assy.					

(INSERT NAME AND LOGO OF BIDDER)

BILL OF QUANTITIES

Project: Construction of Techno-Biz Building in Binangonan Campus
Location: URS Binangonan Campus

ITEM	WORK DESCRIPTION	QUANTITY	UNIT	UNIT COST (PHP)		COST (PHP)		TOTAL (PHP)
				MATERIAL	LABOR	MATERIAL	LABOR	
	ACU UNIT							
	1.5 HP Split Type Wall mounted ACU with nanoe X technology w/ Complete Accessories.	5.00	set					
	SUB TOTAL XVI							
XVII	DATA/TEL Works							
	(TTC) Telephone Terminal Cabinet	1.00	pcs					
	(3/4") 25mm Diameter PVC	12.00	pcs					
	25cm x 25cm Power Coated Pull Box	4.00	pcs					
	Electronic Access Point w/ Complete Accessories	4.00	set					
	Consumables	1.00	lot					
	SUB TOTAL XVII							
XVIII	FDAS Works							
	(1/2") 20mm Diameter PVC Conduit	15.00	pcs					
	1.25mm2 TF Wire (Red and Black)	1.00	Roll					
	Smoke Detector	12.00	pcs					
	(FACP)Fire Alarm Control Panel (3 - zone)	1.00	set					
	Manual Pull Station	3.00	set					
	Electronic Exit Signage Light	3.00	pcs					
	Electronic Toilet Signage Light	2.00	pcs					
	Consumables	1.00	lot					
	SUB TOTAL XVIII							
XIX	FIRE PROTECTION SYSTEM REQUIREMENTS							
	B.I. PIPES SCH. 40 ASTM A-J5							
	- 25mm	3.00	length					
	- 40mm	10.00	length					
	- 50mm	20.00	length					
	- 65mm	18.00	length					
	- 75mm	17.00	length					
	- 100mm	10.00	length					
	PIPE FITTINGS	1.00	lot					
	PUMP ACCESSORIES & ISOLATION							
	- Check Valve 50mm	1.00	pc					
	- Check Valve 100mm	1.00	pc					
	- Foot Valve 50mm w/ strainer	1.00	pc					
	- Foot Valve 100mm w/ strainer	1.00	pc					
	- Gate Valve 50mm	2.00	pc					
	- Gate Valve 100mm	4.00	pc					
	- Pressure Relief Valve 50mm Threaded	1.00	pc					
	- Pressure Gauge 300psi	3.00	pc					
	Fire Department Connection							
	- Check Valve 65mm	1.00	pcs					
	- Siamese Twin 65mm	1.00	pc					
	Pump Assembly							
	8HP, 3 Phase, 220V Fire Pump w / Control Panel	1.00	Assy.					
	1 HP 3 Phase, 220V Jockey Pump Control Panel w / Control Panel and Complete Accessories	1.00	Assy.					
	Consumables	1.00	lot					
	Hangers & Support	1.00	lot					
	Fire Hose Cabinet							
	Fire Hose Cabinet w/ Complete Accessories (100ft Hose)	3.00	sets					
	Chipping / Restoration	1.00	lot					
	Cistern tank (L=3m x W=4m x H= 2m) and Pump Room	1.00	lot					
	Final Testing and Commissioning includes fire detection and alarm system and Fire sprinkler system. (REQUIREMENTS FOR THE ISSUANCE OF FSIC).	1.00	lot					
	Certificate of Completion includes fire detection and alarm system and Fire sprinkler system. (REQUIREMENTS FOR THE ISSUANCE OF FSIC).	1.00	lot					
	As Built Plan Sign and Seal by PEE includes 2 sets of copy that will be given to BFP and to the client.	1.00	lot					
	ELECTRICAL WORKS							
	60mm2 THHN Wire (From Fire Pump to Line Side of Campus MDP)	90.00	m					
	14mm2 THHN Wire (Grounding Conductor)	30.00	m					
	5.5mm2 THHN Wire (From Jockey Pump to Campus MDP)	90.00	m					
	175AT, 230V, 3P, MCCB (For Fire Pump)	1.00	Assy.					
	40AT , 230V, 3P (For Jockey Pump)	2.00	Assy.					
	Panels, Consumables and Accessories	1.00	lot					
	SUB TOTAL XIX							
	TOTAL DIRECT COST							
	OVERHEAD, CONTINGENCIES AND MISCELLANEOUS (OCM)							
	CONTRACTOR'S PROFIT							
	VAT							
	TOTAL PROJECT COST							

Prepared by:

(Name of the Authorized Representative of the Bidder)
(Name of Company)
(Date)