PROJECT

UPGRADING OF SERVICE ENTRANCE FOR THE ITC BUILDING

ITC Building

LOCATION University of the Philippines Manila

SUBJECT

DETAILED ESTIMATE

Marie   Mari									T						T	T	<del></del>
10   10   10   10   10   10   10   10	ITEM DESCRIPTION	, l ,	OTY.	UNIT										VAT @ 12% (EDC+MARK-			
Month Section   March Sectio			×- **	J.111	Materials	Labor	Materials	Labor	DIRECT COST	ОСМ	Profit	%	Value		INDIRECT COST	(EDC + TIC)	COST
100   100																	
Section 25 Section 2																	
Proceedings   Proceedings   Proceedings   Process   Pr	Temptacil/Storage, signages, scaffoldings  Health and Safaty ( PDE Modleit Modical sheets)	in/tasting as required for new normal		lot					+								
TOTAL CONTACT   100		p/testing as required for new normal	1.00	lot													
Mary File   Mary   Ma	/		1.00	lot													
15   Failty Reference   15																	
2.00   Selfat Usefular Prevot Leverations and Strategic Companies	T	OTAL GENERAL REQUIREMENTS															
2.00   Selfat Usefular Prevot Leverations and Strategic Companies	2 00 FLECTRICAL WORKS																
Section   Comparison   Compar		Equipment	-														
Transference Lupper Weedings as Account   100	40KVA, 230V-400V with brought-out neutral. 3ph	ase, 60hz, Dry Type Step-up															
10		,,,,,	1.00	assy.													
Section   Sect	, 11																
A   A   A   A   A   A   A   A   A   A																	
Secret THEN CO																	
MCP to MOP   Control   C																	
Source   THEN   CP   Control   CP   Control   CP   CP   CP   CP   CP   CP   CP   C	50 mm² THHN (G)		18.00	mtr(s)													
Source   THEN   CP   Control   CP   Control   CP   CP   CP   CP   CP   CP   CP   C	MCR to MDP								+								
STORY TO STORY (C)   STORY (			234 00	mtr(s)					+ -								
MOP to Todd																	
1.5 mm **THEN Coloring (D*1)	. (-/			- (*)													
2 may THEN CC (Gisting DP4)																	
Service Parties (Castering Food)				mtr(s)													
Serve THEN (C) (Polising Food)   8.00   ast(s)	22 mm <sup>2</sup> THHN (G) (Existing DP-1)																
Service THIN (4480x Transformery   21.00 mtr(s)																	
Service Parties (Califoxia Transformer)																	
2.00 mrt (s) 5.5 mm Trible (C) (ES BALT) 5.00 mrt (s) 1																	
Storm   THIN (CG) (CER SIATY)   Storm   Stor																	
Conduct Pipes and Accessories																	
Service Fatament to MCB   Service Fatament	5.5 mm- 1HHN (G) (ECB 80A1)		5.00	mtr(s)													
Service Fatament to MCB   Service Fatament	2.03 Conduit Pines and Accessories																
Somme RSC conduit pipe with fittings and complete accessories  25mm RSC conduit pipe with fittings and complete accessories  Liquid fight conduit pipe with fittings and complete accessories  Liquid fight conduit pipe with fittings and complete accessories  Liquid fight conduit pipe with fittings and complete accessories  Liquid fight conduit pipe with fittings and complete accessories (Existing DP-1)  MCB to MDP  Set discovered accessories  22.00 pcs.  International Conduit pipe with fittings and complete accessories (Existing DP-1)  Set discovered accessories  22.00 pcs.  International Conduit pipe with fittings and complete accessories (Existing DP-1)  ACCESSORIES (Calvanized)  Liquid fight conduit pipe with fittings and complete accessories (Existing DP-1)  ACCESSORIES (Calvanized)  Liquid fight conduit pipe with fittings and complete accessories (Existing DP-1)  ACCESSORIES (Calvanized)  Liquid fight conduit pipe with fittings and complete accessories (Existing DP-1)  ACCESSORIES (Calvanized)  Liquid fight conduit pipe with fittings and complete accessories (Existing DP-1)  ACCESSORIES (EXISTING ACCESSORIES (EXISTING DECESSORIES (EXISTING D																	
Scotsofies   1.00   length(s)		lete	- 00														
accessories  Liquid tight conduit hub connector  Stopped Services			5.00	length(s)													
accessories  Liquid tight conduit hub connector  Stopped Services	25mmØ RSC conduit pipe with fittings and comp	lete	1.00	1(1.7.)													
Weather Head Cap   3.00   pcs			1.00	length(s)													
1.Im -Big OCTC 5/8" dia. Machine bolt (Galvanized) fully threaded with nuts & 2.00 assy.  MCB to MDP  5/8" dia. Oval Eyebolt (Galvanized)  1.0mm diameter Guy Wire (Galvanized Steel Wire)  5/8" dia. Oval Eyebolt (Galvanized Steel Wire)  5/8" dia. Oval Eyebolt (Galvanized Steel Wire)  5/8" dia. Oval Eyebolt (Galvanized Steel Wire)  5/80 dia. Oval Eyebolt (Galvanized	Liquid tight conduit hub connector		3.00	pcs													
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washers minimum protrusion 3"  2.00 assy.  MCB to MDP  5,8" dia. Oval Eyebolt (Galvanized)  2.00 pcs  1.0m adianeter Cup Wire (Calvanized Steel Wire)  5,00 length(s)  3.0m Ø IMC conduit pipe with fittings and complete accessories  450mm X 150mm Metal Pullbox gauge 16  1.00 assy.  MDP to Load  65mm@ IMC conduit pipe with fittings and complete accessories (Existing DP-1)  40mm@ IMC conduit pipe with fittings and complete accessories (Existing Load)  3.00 length(s) accessories (Existing Load)  2.00 length(s) accessories (Existing Load)  3.00 length(s) accessories (Okvar Transformer & ECB 80AT)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMAI - Surface Mounted  1.00 assy.		ed) fully threaded with nuts &	-						+ -								
No.		, , , ,	2.00	assy.													
5/8" dia. Oval Eyebolt (Galvanized)  10mm diameter Guy Wire (Galvanized Steel Wire)  5.00 length(s)  80mm/ IMC conduit pipe with fittings and complete accessories  450mm X 450mm X 150mm Metal Pullbox gauge 16  1.00 assy.  MDP to Load  65mm/ IMC conduit pipe with fittings and complete accessories (Existing DP-1)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing DP-1)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  42mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing Load)  40mm/ IMC conduit pipe with fittings and complete accessories (Existing L	The state of the s																
10mm diameter Guy Wire (Galvanized Steel Wire)   5.00   length(s)     length(s)																	
10mm diameter Guy Wire (Galvanized Steel Wire)   5.00   length(s)     length(s)	5/8" dia. Oval Eyebolt (Galvanized)																
accessories	10mm diameter Guy Wire (Galvanized Steel Wire		5.00														-
accessories  450mm X 450mm X 150mm Metal Pullbox gauge 16  1.00 assy.  MDP to Load  65mmØ IMC conduit pipe with fittings and complete accessories (Existing DP-1)  40mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  3.00 length(s)  32mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  4.00 length(s)  2.04 Circuit Breakers and Accessories  Panel: MDP in NEMA 1 - Surface Mounted  1.00 assy.		lete	27 00	lenoth(s)													
MDP to Load 65mm0 IMC conduit pipe with fittings and complete accessories (Existing DP-1) 40mm0 IMC conduit pipe with fittings and complete accessories (Existing Load) 32mm0 IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted 1.00 assy.				icigui(s)													
65mmØ IMC conduit pipe with fittings and complete accessories (Existing DP-1)  40mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  3.00 length(s)  3.2mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  3.2mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  4.00 length(s)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted  1.00 assy.	450mm X 450mm X 150mm Metal Pullbox gauge 1	16	1.00	assy.													
65mmØ IMC conduit pipe with fittings and complete accessories (Existing DP-1)  40mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  3.00 length(s)  3.2mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  3.2mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  4.00 length(s)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted  1.00 assy.																	_
accessories (Existing DP-1)  40mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  4.00 length(s)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted																	
accessories (Existing DP-1)  40mmØ IMC conduit pipe with fittings and complete accessories (Existing Load)  32mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  4.00 length(s)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted  1.00 assy.		llete	2.00	length(s)													
accessories (Existing Load)  32mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted  3.00 length(s) length(s) length(s)	accessories (Existing DP-1)			- 0(0)													
32mmØ IMC conduit pipe with fittings and complete accessories (40Kva Transformer & ECB 80AT)  2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted  1.00 assy.		lete	3.00	length(s)													
accessories (40Kva Transformer & ECB 80AT)	accessories (Existing Load)	1		υ (-)													
2.04 Circuit Breakers and Accessories Panel: MDP in NEMA 1 - Surface Mounted 1.00 assy.	32mmØ IMC conduit pipe with fittings and comp	lete	4.00	length(s)													
Panel: MDP in NEMA 1 - Surface Mounted 1.00 assy.	accessories (40Kva Transformer & ECB 80AT)			0 ()													
Panel: MDP in NEMA 1 - Surface Mounted 1.00 assy.	2.04 Cinesit Proglems and Assessed								<del>                                     </del>								
			1.00	2007					+								
1 1000111/1000111/01/2001/00111C/11CCD		MCCB	1.00	assy.													
	1 1000/11, 1000/11, 01, 200 V, 00KAIC,		Į	I	!	I			1 1		ļ	ı 1		I	I	ı l	

Branches: 1-300AT, 400AF, 3P, 230V, 25KAIC, MCCB 1-175AT, 225AF, 3P, 230V, 22KAIC, MCCB 1-125AT, 225AF, 3P, 230V, 18KAIC, MCCB 2-SPACE, 225AF,3P, 230V 2-SPACE, 100AF,3P, 230V												
Main Circuit Breaker in NEMA 3R - Surface Mounted Main: 1-1000AT, 1000AF, 3P, 230V, 65KAIC, MCCB	1.00	assy.										
Enclosed Circuit Breaker 175AT, 3P, 230V in NEMA 1 with grounding terminal	1.00	assy.										
Enclosed Circuit Breaker 80AT, 3P, 400V in NEMA 1 with grounding & neutral terminal	1.00	assy.										
05 Miscellaneous Items		+								-		
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										
Excavation Works and coring works	1.00	lot										
Concrete Pedestal	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 conduit runs and wiring devices)	1.00	lot										
Ground Rod Copper Clad Steel 20mm dia X 3000 mm long	1.00	set(s)										
Solderless Connector	1.00	set(s)										
Chipping and restoration of all affected areas due to project implementation	1.00	lot										
Dismantling of existing service entrance and other electrical components	1.00	lot										
Testing and commissioning	1.00	lot										
TOTAL FOR ELECTRICAL WORKS										Php	_	
		•				7	TOTAL MAT	ERIALS AND I	ABOR COST	PhP PhP	-	
	PROJECT :		:	UPGRADING OF SERVICE ENTRANCE FOR THE ITC BUILDING ITC Building	_							
	LOCATION SUBJECT:		:	University of the Philippines Manila  DETAILED ESTIMATE SUMMARY	l							

## \*\*\*\*\* S U M M A R Y \*\*\*\*\*

1.00 GENERAL REQUIREMENTS2.00 ELECTRICAL WORKS

PhP

TOTAL PROJECT COST PhP

Prepared by :

Representative/Contractor

Date :