Project : IMPROVEMENT OF THE MAIN POWER SUPPLY CABLE OF THE GRANDSTAND

: **19-09-000**

Location : PSHS-MC, Agham Road, Diliman, Quezon City

BILL OF QUANTITIES

date:

BILL OF QUANTITIES													
	DESCRIPTION	QTY	UNIT	MATERIALS		LABOR		DIDECT COST	MARK-UPS IN PERCENT			TOTAL	TOTAL COOT
ITEM NO.				UNIT COST	AMOUNT	UNIT COST	AMOUNT	DIRECT COST	OCM	PROFIT	VAT	INDIRECT	TOTAL COST
					(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		(1)	(2)	(3)	(1) x (3)	. ,	(1) x (5)	(4) + (6)	(7) x 15%	(7) x 8%	$[(7) + (8) + (9)] \ge 5\%$	(8) + (9) + (10)	(7) + (11)
1	General Requirements Complete Support Utilities (Field Office for the												1
1.1	Contractor; Storage and fabrication Sheds; Dewatering Facilities and Drains; Temporary Enclosure; Temporary Exterior Lighting; Collection and Disposal of Waste and Clearing;		lot										
	Temporary Environmental Controls Complete Supply of Health, Safety and Security												ī
1.2	(First Aid Facilities; Temporary Fire Protection; Barricades, Warning Signs & Lights; Environmental Protection		lot										
1.3	Mobilization and Demobilization		lot										i
	Others (Specify)												i
	sub-total												- i -
	Installation of Main Power Supply Cable of the Grandstand (Power Supply to be Taken from												
	the MPG Switchgear)												
2.1	Complete concrete chipping and restoration works as per Plan, Drawing Details and Specifications		lot										
2.2	Complete excavation, backfill and restoration works as per Plan, Drawing Details and Specifications		l.m.										
2.3	Complete Supply and Installation of 3 sets 125mm ² (250MCM) THHN/THWN Stranded Cable		1.m.										
2.4	Complete Supply and Installation of 50mm ² (1/0 AWG) THHN/THWN Stranded Cable		1.m.										
2.5	250 Amp 3P MCB; 4-100Amp Bolt-On Circuit Breaker Branches w/ 2 Spare Branches; w/ Powder-Coated Enclosure		set										
2.6	250 Amp 3P MCB; w/ Powder-Coated Enclosure; Complete w/ Terminal Lugs		set										
	Complete Supply and Installation of 2 sets 3" Diam. x 3.5mm Thk. uPVC Electric Pipe as per Plan, Drawing Details and Specifications		1.m.										
	3" Diam. uPVC End Bell		pcs.										
2.9 2.10	3" Diam. x 90° uPVC Long Sweep Elbow 18" x 18" x 6" G.A. 16 Powder Coated Pull Box w/ Cover		pcs.										
2.11	Complete Supply and Installation of Materials for the Concrete Pullout Manhole w/ Cover; 0.8m x 0.8m x 0.8m, 0.12m Wall Thickness		sets										

2.12	Complete Supply and Installation of Materials for the Concrete Duct Enclosure as per Plan, Drawing		1									
	Details and Specifications		l.m.									
	Others (Specify)											
	sub-total											-
TOTAL COST PROPOSAL										-		

Reference:

DPWH Department Order 197, Series of 2016 - "Revised Guidelines in the Preparation of Approved Budget for the Contract (ABC)"

B. Indirect Cost shall consist of the following:

B.1 Overhead Expenses - Ranges from 7 - 11% of the EDC which includes the following: B.1.1 Engineering and Administrative Supervision; B.1.2 Transportation allowances; B.1.3 Office expenses, e.g., for office equipment and supplies, power and water consumption, communication and maintenance. B.1.4 Premium on Contractor's All Risk Insurance (CARI). B.1.5 Financing Cost: (a) Premium on Bid Security; (b) Premium on Performance Security; (c) B.2 Contingencies - Ranges from 0.5 - 3% of the EDC. These include expenses for meetings, coordination with other stake holders, billboards (excluding project billboard which is a pay item under the General Requirements), stages, during ground breaking & inauguration ceremonies and other unforseen events.

B.3 Miscellaneous Expenses - Ranges from 0.5 - 1% of the EDC. These include laboratory tests for quality control and plan preparation.

B.4 Contractor's Profit Margin - Shall be 8% of the EDC for projects above P5Million and 10% for projects P5Million and below.

B.5 Vat Component- Shall be 5% of the sum of the EDC, OCM and Profit.

B.6 The following items shall not be subjected to OCM and Profit markup: B.6.1 Mobilization and Demobilization; B.6.2 Provision of Service Vehicle; B.6.3 Permits and Clearances;

B.7 The following non-civil works items shall not be subjected to OCM markup: B.7.1 Field/Laboratory Office and Living Quarters (Rental Basis); B.7.2 Furnishing of Furniture, Laboratory Equipment, Survey Equipment and

Consumables; B.7.3 Assistance to the Engineers; B.7.4 Photographs; B.7.5 Health and Safety B.7.6 Traffic Management; B.7.7 Environmental Compliance; B.7.8 Communication Equipment.

Note: For the percentage to be used for Nos. B.1, B.2, B.3, See OCM (Overhead, Contingencies and Miscellaneous) Column in the Tabulation below.

Estimated Direct Cost		% for OCM & ofit	Total Indirect Cost % for			
Estimated Direct Cost	OCM (% of	Profit (% of	OCM and Profit			
	EDC)	EDC)				
Up to P5Million	15	8	23			
Above P5M up to P50M	12	8	20			
Above P50M up to P150M	10	8	18			
Above P150M	8	8	16			