

**BILL OF QUANTITIES**

04 December 2020

ITEM NO.	DESCRIPTION	QTY	UNIT	MATERIALS		LABOR		DIRECT COST	MARK-UPS IN PERCENT			TOTAL INDIRECT COST	TOTAL COST
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		OCM	PROFIT	VAT		
				(1)	(2)	(3)	(4) (1) x (3)		(5)	(6) (1) x (5)	(7) (4) + (6)		
<b>1</b>	<b>General Requirements</b>												
1.1	Complete Support Utilities (Field Office for the Contractor; Storage and fabrication Sheds; Temporary Enclosure; Collection and Disposal of Waste and Clearing; Temporary Environmental Controls	1.00	lot										
1.2	Complete Supply of Health, Safety and Security (First Aid Facilities; Temporary Fire Protection; Barricades, Warning Signs & Lights; Environmental Protection	1.00	lot										
1.3	Complete Supply and Installation of Project Signs	1.00	lot										
1.4	Mobilization and Demobilization	1.00	lot										
1.5	Others (Specify)												
	<i>sub-total</i>												
<b>2</b>	<b>Completion of the Rehabilitation of the Road Network Inside the Campus and Application of Asphalt Overlay</b>												
2.1	Removal and Hauling of Existing Asphalt Pavement	1,196.31	cu.m.										
2.2	Excavation	239.26	cu.m.										
2.3	Subgrade preparation ( 95% compaction)	1,196.31	sq.m.										
2.4	Aggregate sub basecourse (100% compaction )	239.26	cu.m.										
2.5	Portland cement concrete pavement; 3,500psi, 14 days	1,196.31	sq.m.										
2.6	16mm Deformed Steel Bar, Grade 40 (Longitudinal & Construction Joints)	426.60	kg.										
2.7	Bituminous Tack Coat (Emulsified Asphalt)	2.92	m.t.										
2.8	Asphalt Overlay (50mm Thk. Bituminous Concrete Surface Course)	487.66	m.t.										
2.9	Drainage Crossing at the Animal House Area, Maintenance Shop Area; (600mm Diam. Reinforced Pipe Culvert w/ Manholes & Covers)	1.00	lot										
2.10	Formworks and accessories	1.00	lot										
2.11	Others (Specify)												
	<i>sub-total</i>												

**TOTAL ESTIMATED PROJECT COST** -

**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) Premium on Surety for Advance Payment; (d) Premium on Warranty Bond (one year).

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 unforeseen 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	Indirect Cost % for OCM & Profit		Total Indirect Cost % for OCM and Profit
	OCM (% of EDC)	Profit (% of EDC)	
Up to P5Million	15	8	25
Above P5M up to P50M	12	8	20
Above P50M up to P150M	10	8	18
Above P150M	8	8	16