

Project Description:

a.	Roadway width	-	4.0 m
b.	Thickness	-	0.10 m Aggregate Subbase Course
		-	0.15 m Aggregate Surface Course
c.	Length	-	1.0 km
d.	Shoulder	-	1.0 m

Calendar days to complete – 20 days

Estimated Direct Cost by Items of Work

Scope of work

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	DIRECT UNIT COST	TOTAL DIRECT COST
102	Roadway Excavation	2,000.00	cu.m.	150.88	301,760.00
103	Excavation for Structure	83.99	cu.m.	256.01	21,502.50
103 (3)	Foundation Fill	6.17	cu.m.	546.27	3,370.50
200	Aggregate Subbase Course	600.00	cu.m.	534.42	320,649.00
300	Aggregate Surface Course	1,035.00	cu.m.	410.39	424,753.65
500	Reinforced Concrete Pipe 610 mm dia.	35.00	l.m.	1,793.19	62,761.60
505	Stone Masonry for Head Wall	10.00	cu.m.	2,553.86	25,538.60
TOTAL					1,160,335.85

Note: Prices were based on January 2007.

	BREAKDOWN OF ESTIMATED EXPENDITURES	% of Total	Amount
I.	Estimated Contract Cost		
	a. Estimated direct cost (EDC)b. Mobilization/Demobilization (1%)		1,160,335.85 1,1603.58
	 Materials 1.1 Supply/Delivery 		
	 2. Labor 2.1 Direct labor 2.2 Leave 2.3 Philhealth 2.4 State Insurance 		
	c. Indirect Cost		
	1. Overhead expenses, contingency Miscellaneous expenses (10-13%)		139,240.30
	2. Profit (10-15%)		162,447.01
	3. VAT (10%)	96.15	147,362.65
	Sub-Total	90.13	1,620,989.16
II.	Estimated Government Expenses		
	 ROW/Site Acquisition Soil Exploration Project Management (up to 5% of EDC) 		69,434.49
	Sub-Total	3.85	69,434.49
III.	Contingencies/Reserves		
	 Physical (up to 15% of EDC) Price Escalation (up to 12% of EDC) 		
	TOTAL PROJECT COST	100 SAY	1,690,423.65 1,700,000.00