

Republic of the Philippines
Department of Public Works and Highways



Region : VIII
Bureau : DPWH
District/City : Tacloban City District Engineering Office, Tacloban City

INDIVIDUAL PROGRAM OF WORKS

(For all Types of Projects)

NAME/LOCATION OF PROJECTS:		PREVENTIVE MAINTENANCE OF ROAD: ASPHALT OVERLAY - GOV. BENJAMIN "KOKOY" T. ROMUALDEZ	
TACLOBAN CITY, LEYTE		DIVERSION ROAD- K0908+529 - K0908+502	
APPROPRIATION		Source of Fund	
10,792,500.00		GAA 2018	
P		Issued Obligation Authorized	
57		Released	
Calendar Days		Calendar Days to Completed	
Desirable Starting Date		Desirable Starting Date	

PROJECT CATEGORY (See Annex "A")

ROAD (ASPHALT OVERLAY)

PROJECT DESCRIPTION (See Annex "A")

Bituminous Concrete Surface Course : Length = 1,031 m, Width = 6.7 m
Length = 17.0 m, Width = 5.0 m
PCCP Reblocking : Length = 69 m, Width = 3.35 m

MINIMUM EQUIPMENT REQUIRED

TECHNICAL PERSONNEL REQUIRED

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Backhoe w/ Pavement Breaker (0.80 cu m.)	1	Bar Cutter, Single Phase	1	Project Engineer
1	Dump Truck (12 cu yd)	1	Concrete Vibrator	1	Material Engineer
1	Payloader (1.50 cu m.)	1	Concrete Screeder (5.5 hp)	2	Construction Foreman
1	Motorized Road Grader (140 hp)	1	Cargo Truck (2.5 mt)	1	Part-time Safety Practitioner
1	Vibratory Roller (10 m.t)	1	Asphalt Distributor, 10 ft. wide (5 tons)	1	First Aider
1	Water Pump	1	Power Broom (2 m. wide)	1	
1	Concrete Saw (7.5 Hp), Blade # 14"	1	Asphalt Paver (80 Hp), NF220BIVDM	1	
1	Applicator Machine	1	Pneumatic Tire Roller (10 m.t)	1	
1	Kneading Machine	1	Tandem Steel Roller (10 m.t), CC421	1	
1	Lighting System/ Tower Lights	1	Asphalt Kettle/Drum	1	
1	Low Bed Trailer with Prime Mover	1		1	

ESTIMATED COST OF PROPOSED WORKED

ITEM NO.	DESCRIPTION	% OF	UNIT	QTY	TOTAL	UNIT COST	ADJUSTED UNIT COST
101 (3) b3	Removal of Actual Structures/Obstruction, 0.23m thk. PCCP (Unreinforced)	0.43	sq. m.	231.15	36,010.86		155.79
105(1)a	Subgrade Preparation (Common Material)	0.04	sq. m.	231.15	3,268.46		14.14
200 (1)	Aggregate Subbase Course	0.43	cu. m.	46.23	35,820.38		774.83
302(2)	Emulsified Asphalt	3.45	sq. m.	6,992.70	287,886.46		41.17
310(c)	Bituminous Concrete Surface Wearing Course, Hot Laid (50mm)	79.84	sq. m.	6,992.70	6,654,463.10		951.63
311(1)e1	PCC Pavement (Unreinforced), 0.28 m thick (14 days)	3.46	sq. m.	231.15	280,691.83		1,257.59
605(1)a1a3	Signs Slow Down Pedestrian Crossing Ahead	0.49	each	8.00	40,434.24		5,054.28
605(2)a1a2	Regulatory Signs (600mm.), R6-8A - Miscellaneous Signs	1.03	each	16.00	85,956.00		5,372.25
605(3)a2	Guide or Informative Signs, G6-2 - Route Markers	1.58	each	12.00	131,371.32		10,947.61
612(1)	ReflectORIZED Thermoplastic Pavement Markings White	4.64	sq. m.	561.95	387,009.35		688.69
613(1)	Concrete Joint Sealant (Hot-Poured Elastic Type)	1.80	kg.	460.00	149,969.20		326.02
B 5	Project Billboard / Signboard	0.06	pcs.	2.00	4,962.06		2,481.03
B 6	Traffic Management	1.38	mo.	1.90	115,054.04		60,554.76
B 7	Occupational Safety and Health Program	0.37	mo.	1.80	31,060.15		16,347.45
B 9	Mobilization / Demobilization	0.97	ls.	1.00	81,028.64		81,028.64
					P	8,334,989.40	