



REPUBLIC OF THE PHILIPPINES
CITY OF ILAGAN
Province of Isabela



PROGRAM OF WORK

Project: **Concreting of Parking Area**
Location: **Civic Center Brgy Alibagu, City of Ilagan, Isabela**

ROAD:
PCCP, Length: **829.53 m**
PCC Pavement Width : **3.05 m**
PCCP Thickness : **0.20 m**

Appropriation:

DESCRIPTION OF WORKS TO BE DONE	% OF TOTAL	EQUIPMENT	
		DESCRIPTION	REQUIRED
I. ROADS	100.00%	PLEASE SEE ATTACHED	
TOTAL	100.00%		

ESTIMATED COST OF THE PROJECT

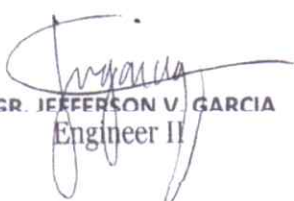
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL ESTIMATED DIRECT COST
105	Subgrade Preparation (Common Material)	2,530.07	sq.m.	65.88	166,690.59
201	Aggregate Base Course	506.01	cu.m.	1,317.99	666,923.37
311	Portland Cement Concrete Pavement (Plain), Thickness = 200mm	506.01	cu.m	15,420.95	7,803,212.72
TOTAL					Php 8,636,826.68

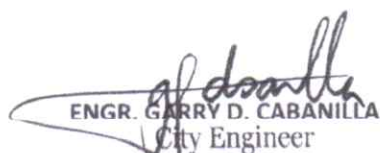
SAY 8,637,000.00

Prepared by :

Checked By :

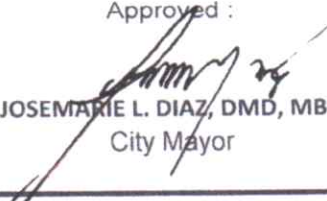
Recommending Approval :


ENGR. JEFFERSON V. GARCIA
Engineer II


ENGR. GARRY D. CABANILLA
City Engineer


ENGR. CRISANTA D. CONCEPCION
OIC-City Planning & Dev. Coordinator

Approved :


JOSEMARIE L. DIAZ, DMD, MBA
City Mayor

DETAILED UNIT PRICE ANALYSIS

Project: **Concreting of Parking Area**
Location: **Civic Center Brgy Alibagu, City of Ilagan, Isabela**

Item No. : 105
Description : **Subgrade Preparation (Common Material)**

Quantity = **2,530.07**
Unit = sq.m.

A.	Name and Capacity of Equipment (Operated)	No. of Units	No. Days	Rate/Day	Total Cost (Pesos)
	Road Grader, G710A	1	3.00	P 23,599.00	P 70,797.00

A. SUB-TOTAL , EQUIPMENT				27.98	P 70,797.00
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B.	Designation of Personnel	No. of Men	No. Days	Rate/Day	Total Cost (Pesos)
	Foreman	1	3.00	P 743.84	P 2,231.52
	Skilled Laborer	20	3.00	P 537.76	P 32,265.60
	Unskilled Laborer	20	3.00	P 450.00	P 27,000.00

B. SUB-TOTAL, LABOR				24.31	P 61,497.12
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C.	Name and Description	Qty	Unit	Unit Cost	Total Cost (Pesos)
				P	P

C. SUB-TOTAL, MATERIAL				-	P -
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SUMMARY:

A	Equipment			P	70,797.00
B	Labor			P	61,497.12
C	Materials			P	-
D	TOTAL DIRECT COST	(A+B+C)		P	132,294.12
	DIRECT UNIT COST	D/Quantity			52.29
E	OCM/Profit	20% of D		P	26,458.82
F	VAT	5% (D+E)		P	7,937.65
G	Total Cost	(D+E+F)		P	166,690.59
H	UNIT COST	(G/Quantity)			65.88

DETAILED UNIT PRICE ANALYSIS

Project: Concreting of Parking Area
Location: Civic Center Brgy Alibagu, City of Ilagan, Isabela

Item No. : 201
 Description : **Aggregate Base Course**

Quantity = **506.01**
 Unit = cu.m.

A. Name and Capacity of Equipment (Operated)	No. of Units	No. Days	Rate/Day	Total Cost (Pesos)
Road Grader, G710A	1	3.00	23,599.00	70,797.00
Vibratory Roller	1	3.00	14,768.00	44,304.00
Water Truck with pump	1	3.00	19,600.00	58,800.00
A. SUB-TOTAL , EQUIPMENT				P 173,901.00

B. Designation of Personnel	No. of Men	No. of Days	Rate/Day	Total Cost (Pesos)
Foreman	1	3.00	743.84	2,231.52
Skilled Laborer	20	3.00	537.76	32,265.60
Unskilled Laborer	20	3.00	414.80	24,888.00
B. SUB-TOTAL, LABOR - MD				P 59,385.12

C. Name and Description	Qty	Unit	Unit Cost	Total Cost (Pesos)
Aggregate Base Course Mixed Gravel	455	cu.m.	650.00	296,018.14
C. SUB-TOTAL, MATERIAL				P 296,018.14

SUMMARY:				
A	Equipment			P 173,901.00
B	Labor			P 59,385.12
C	Materials			P 296,018.14
D	TOTAL DIRECT COST	(A+B+C)		P 529,304.26
	DIRECT UNIT COST	D/Quantity		1,046.03
E	OCM/Profit	20% of D		P 105,860.85
F	VAT	5% (D+E)		P 31,758.26
G	Total Cost	(D+E+F)		P 666,923.37
H	UNIT COST	(G/Quantity)		1,317.99

DETAILED UNIT PRICE ANALYSIS

Project: **Concreting of Parking Area**
 Location: **Civic Center Brgy Alibagu, City of Ilagan, Isabela**

Item No. : 311
 Description : **Portland Cement Concrete Pavement(Plain), Thickness = 200mm**

Quantity = **506.01**
 Unit = **cu.m**

A. Name and Capacity of Equipment (Operated)	No. of Units	No. of Days	Rate/Day	Total Cost (Pesos)
Transit Mixer(5 cu.m)	3	30.00	P 11,544.00	P 1,038,960.00
Concrete Vibrator	1	30.00	P 800.00	P 24,000.00
Batching Plant(30 cu.m)	1	30.00	P 15,076.00	P 452,280.00
Payloader(1.50 cu.m), LX80-2C	1	30.00	P 14,864.00	P 445,920.00
Concrete Screeder(5.5 Hp)	1	30.00	P 4,800.00	P 144,000.00
Water Truck(1000 gal.)	1	30.00	P 20,600.00	P 618,000.00
Concrete Saw, Blade 14" dia.(7.5 Hp)	1	30.00	P 300.00	P 9,000.00
Bar Cutter, Single Phase	1	15.00	P 1,820.00	P 27,300.00
A. SUB-TOTAL , EQUIPMENT			5,453.33	P 2,759,460.00
B. Designation of Personnel	No. of Men	No. of Days	Rate/Day	Total Cost (Pesos)
Foreman	1	30.00	P 743.84	P 22,315.20
Skilled Worker	32	30.00	P 537.76	P 516,249.60
Unskilled Laborer	32	30.00	P 414.80	P 398,208.00
B. SUB-TOTAL, LABOR			1,851.28	P 936,772.80
C. Name and Description	Qty	Unit	Unit Cost	Total Cost (Pesos)
Reinforcing Steel Bar	834.92	kg.	P 55.00	P 45,920.60
Curing Compound	733.72	lit.	P 63.00	P 46,224.36
Asphalt Sealant	303.61	lit.	P 63.00	P 19,127.43
Steel Forms(Rental)	475.00	l.m	P 85.00	P 40,375.00
Sand(processed)	278.31	cu.m	P 850.00	P 236,561.50
Gravel(processed)	556.62	cu.m	P 900.00	P 500,953.77
Cement	6,073.00	bag	P 263.00	P 1,597,199.00
Concrete saw(diamond blade 14")	1.00	pc	P 8,800.00	P 8,800.00
Pipe Sleeve, 1" dia.	21.73	l.m.	P 38.00	P 825.91
Greese/Tar	3.80	lit.	P 212.00	P 805.60
C. SUB-TOTAL, MATERIAL				P 2,496,793.17
SUMMARY:				
A	Equipment			P 2,759,460.00
B	Labor			P 936,772.80
C	Materials			P 2,496,793.17
D	TOTAL DIRECT COST	(A+B+C)		P 6,193,025.97
	DIRECT UNIT COST	D/Quantity		12,238.85
E	OCM/Profit	20% of D		P 1,238,605.19
F	VAT	5% (D+E)		P 371,581.56
G	Total Cost	(D+E+F)		P 7,803,212.72
H	UNIT COST	(G/Quantity)		15,420.95