




Republic of the Philippines
CITY OF ILAGAN
Province of Isabela

Project Title : CONSTRUCTION OF DRAINAGE SYSTEM
Project Location : CIVIC CENTER BRGY. ALIBAGU, CITY OF ILAGAN, ISABELA

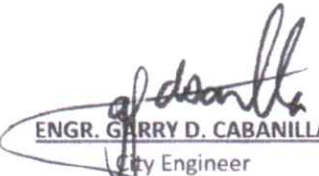
**PROGRAM OF WORKS
SUMMARY**

ITEM	Scope of Work	Quantity	Unit	Unit Price	Amount
I	EARTHWORKS	3,154.50	cu.m	423.62	1,336,305.60
II	MASONRY WORKS				-
	A. Laying RCPC w/ Catch Basin	905.00	Ln.m	7,651.07	6,924,222.27
	B. Plain cement finish	106.23	sq.m	3,510.68	372,939.34
TOTAL PROJECT COST:				PHP	8,633,467.21
				SAY	8,634,000.00

Prepared by:


ENGR. JEFFERSON V. GARCIA
ENGINEER II

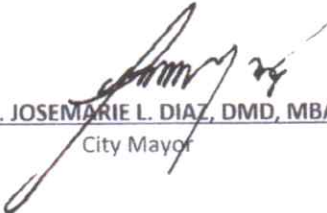
Checked by:


ENGR. GERRY D. CABANILLA
City Engineer

Recommending Approval:


ENGR. CRISANTA D. CONCEPCION
OIC-City Planning & Dev't Coordinator

Approved:


HON. JOSEMARIE L. DIAZ, DMD, MBA
City Mayor

DETAILED ESTIMATE

DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
ITEM I. EARTHWORKS				
QTY =	3154.5	cu.m		
Excavation:	2103	cu.m		
Backfilling:	1051.5	cu.m		
<i>Equipment Rentals:</i>				
Backhoe	No. of unit	No. of Days	Daily rate	
	3	18	19,640.00	= 1,060,560.00
			EQUIPMENT COST	= ₱ 1,060,560.00
			DIRECT COST	= ₱ 1,060,560.00
			PROFIT	= ₱ 84,844.80
			OCM	= ₱ 127,267.20
			VAT	= ₱ 63,633.60
			SUB-TOTAL	= ₱ 1,336,305.60
	Unit Cost	=	₱ 1,336,305.60	= ₱ 423.62
			3154.5	
Total Estimated Cost =	3154.5	x	₱ 423.62	= ₱ 1,336,305.60

ITEM II. MASONRY WORKS

QTY =	905	Ln.m		
A. LAYING OF RCPC W/ CATCH BASIN				
<i>Materials:</i>				
36" Rcpc	760.00	pcs	3,800.00	= 2,888,000.00
24" Rcpc	105.00	pcs	2,950.00	= 309,750.00
12" Rcpc	40.00	pcs	1,750.00	= 70,000.00
Portland Cement	870.00	bags	230.00	= 200,100.00
CHB 6"	1,000.00	pcs	15.00	= 15,000.00
Sand	60	cu.m	650.00	= 39,000.00
Gravel	90	cu.m	650.00	= 58,500.00
12mm RSB	2398.47	kgs	55.00	= 131,915.85
16mm RSB	1993.958	kgs	55.00	= 109,667.69
#16 GI Tie wire	200	kgs	100.00	= 20,000.00
			MATERIALS COST	= ₱ 3,841,933.54

<i>Labor:</i>				
Foreman	No. of men	No. of days	Daily rate	
	1	24	743.84	= 17852.16
Skilled	20	24	537.76	= 258124.80
Laborer	20	24	414.80	= 199,104.00
			LABOR COST	= ₱ 475,080.96

<i>Equipment Rentals:</i>				
Backhoe	No. of unit	No. of Days	Daily rate	
	3	20	19,640.00	= 1,178,400.00
			EQUIPMENT COST	= ₱ 1,178,400.00
			DIRECT COST	= ₱ 5,495,414.50
			PROFIT	= ₱ 439,633.16
			OCM	= ₱ 659,449.74
			VAT	= ₱ 329,724.87
			SUB-TOTAL	= ₱ 6,924,222.27
	Unit Cost	=	₱ 6,924,222.27	= ₱ 7,651.07
			905	
Total Estimated Cost =	905	x	₱ 7,651.07	= ₱ 6,924,222.27

B. PLAIN CEMENT FINISH

QTY =	106.23	sq.m		
<i>Materials:</i>				
Sand	20	cu.m	650	= 13,000.00
Cement	250	bags	230	= 57,500.00
			MATERIALS COST	= ₱ 70,500.00

Labor:
 Foreman
 Skilled
 Laborer

No. of men	No. of days	Daily rate		
1	15	743.84	=	11157.60
15	15	537.76	=	120996.00
15	15	414.80	=	93,330.00
		LABOR COST	=	₱ 225,483.60
		DIRECT COST	=	₱ 295,983.60
		PROFIT	=	₱ 23,678.69
		OCM	=	₱ 35,518.03
		VAT	=	₱ 17,759.02
		SUB-TOTAL	=	₱ 372,939.34
Unit Cost	=	<u>₱ 372,939.34</u>	=	₱ 3,510.68
		106.23		
Total Estimated Cost =	106.23	x	₱ 3,510.68	= ₱ 372,939.34

TOTAL PROJECT COST	=	PhP 8,633,467.21
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Prepared by:

ENGR. JEFFERSON V. GARCIA
 ENGINEER II