

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Rehabilitation of MEZ Secondary Roads using Instapave Surface Treatment**
 LOCATION : **MEZ I, Ibo, Lapu-Lapu City**
 ITEM NO. : **B.8 (1)**
 DESCRIPTION : **Traffic Management**
 Quantity : **1.00**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **1.s**

Designation	No.of Person/s	No. of Days	Daily Rate	Amount
A. Labor				
a. Traffic Aide	2.00	75.00		
Sub-Total for A				
Name and Capacity	No.of Unit/s	No. of Days	Daily Rate	Amount
B. Equipment				
a. 2 units Two-way Radio (w/ lifespan of 2 yrs)	6.00	75.00		
b. 4 units Barricade Flash Lighter (3 volts, Battery Operated, Amber color with lifespan consideration of 6 months)				
Sub-Total for B				
C. Total (A+B)				
D. Output per hour = 1 mo				
E. Direct Unit Cost (C/D)				
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
a. Prepare to Stop	each	2.00		
b. Workmen Ahead (T1-5)	each	2.00		
c. Temporary Hazard Marker (T5-5)	each	1.00		
d. Traffic cones @ 5m apart	each	20.00		
e. Road machinery (T1-3)	each	2.00		
f. End Speed restriction (R4-2)	each	2.00		
g. Speed Restriction (R4-1)	each	2.00		
h. Roadwork ahead (T1-1)	each	2.00		
Sub-Total for F				
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses		12%	of G	
I. Contractor's Profit (CP)		8%	of G	
J. Value Added Tax (VAT)		5%	of (G + H + I)	
K.Total Unit Cost			(G + H + I + J)	

Prepared by:

Recommending Approval:

ENGR. CATHYRINE L. DEMERAY
ESO III

MR. ARNEL M. SUYU
ZM/OIC- Department Manager, Operations

Checked/Reviewed by:

Approved by:

ENGR. LOUIE EVANS E. ESOTO
Division Chief, EMD

MR. EMMANUEL D. CORTERO
Zone Administrator, MEZ

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Rehabilitation of MEZ Secondary Roads using Instapave**
 LOCATION : **Surface Treatment**
 ITEM NO. : **MEZ I, Ibo, Lapu-Lapu City**
 DESCRIPTION : **B.9**
 Quantity : **Mobilization / Demobilization**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **1.s**

Designation	No. of Person/s	No. of Days	Daily Rate	Amount
A. Labor				
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Days	Daily Rate	Amount
B. Equipment				
a. Slurry Truck	1	2.00		
b. Cargo Truck (2-5mt)	1	2.00		
c. Pneumatic Tire Roller (10 MT)	1	2.00		
d. Payloader (1.5m ³)	1	2.00		
e. Power broom (2m wide)	1	2.00		
Sub-Total for B				
C. Total (A+B)				
D. Output per hour =	1	1.s		
E. Direct Unit Cost (C/D)				
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
Sub-Total for F				
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses		12%	of G	
I. Contractor's Profit (CP)		8%	of G	
J. Value Added Tax (VAT)		5%	of (G + H + I)	
K. Total Unit Cost			(G + H + I + J)	

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DETAILED UNIT PRICE ANALYSIS

Proposed Rehabilitation of MEZ Secondary Roads using

PROJECT NAME : **Instapave Surface Treatment**
 LOCATION : **MEZ I, Ibo, Lapu-Lapu City**
 ITEM NO. : **302 (2)**
 DESCRIPTION : **Bituminous Tack Coat - CSB - 3**
 Quantity : **1.00**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **l.s**
 Area : **11,885.00** sq.m.

Designation	No. of Person/s	No. of Days	Daily Rate	Amount
A. Labor				
a. Construction Supervisor	1	10		
b. Skilled Laborer	1	10		
b. Unskilled Laborer	5	10		
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Days	Daily Rate	Amount
B. Equipment				
a. Power broom (2m wide)	1	10.00		
Sub-Total for B				
C. Total (A+B)				
D. Output per hour =		1.00 l.s		
E. Direct Unit Cost (C/D)				
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
a. CSB- 3 Bitumen (w/ 3% wastage)	drums	38.00		
Sub-Total for F				
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expens			12%	of G
I. Contractor's Profit (CP)			8%	of G
J. Value Added Tax (VAT)			5%	of (G + H + I)
K. Total Unit Cost			(G + H + I + J)	

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PROJECT NAME : **Proposed Rehabilitation of MEZ Secondary Roads using Instapave Surface Treatment**
 LOCATION : **MEZ I, Ibo, Lapu-Lapu City**
 ITEM NO. : **B.5**
 DESCRIPTION : **Project Billboard / Signboard**
 Quantity : **1.00**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **ea**

Designation	No. of Person/s	No. of Days	Daily Rate	Amount
A. Labor				
a. Construction Supervisor	1	1		
b. Skilled Laborer	1	1		
c. Unskilled Laborer	2	1		
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Hours	Daily Rate	Amount
B. Equipment				
Sub-Total for B				
C. Total (A+B)				
D. Output per hour = 1.00				
E. Direct Unit Cost (C/D)				
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
a. Tarpaulin	units	2.00		
b. Good lumber (Frames)	bd.ft	74.00		
c. Assorted Common working nails	kg	1.00		
d. Marine Plywood 1/4 x 4 x 8	pc	2.00		
Sub-Total for F				
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses		12% of G		
I. Contractor's Profit (CP)		8% of G		
J. Value Added Tax (VAT)		5% of (G + H + I)		
K. Total Unit Cost			(G + H + I + J)	

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Republic of the Philippines
PHILIPPINE ECONOMIC ZONE AUTHORITY
MACTAN ECONOMIC ZONE
 Lapu-Lapu City

Proposed Rehabilitation of MEZ Secondary Roads Using Instapave Surface Treatment-
 MEZ I, Ibo, Lapu-Lapu City

DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM													
ITEM NO.	DESCRIPTION		%	QTY.	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART II	OTHER GENERAL REQUIREMENTS												
B.5	Project Billboard / Signboard	AS SUBMITTED		2.00	ea					20%			
		AS EVALUATED											
B.7 (1)	Occupational Safety and Health Program	AS SUBMITTED		1.00	l.s					20%			
		AS EVALUATED											
B.8 (1)	Traffic Management	AS SUBMITTED		1.00	l.s					20%			
		AS EVALUATED											
B.9	Mobilization /Demobilization	AS SUBMITTED		1.00	l.s					20%			
		AS EVALUATED											
	TOTAL OF PART II	AS SUBMITTED											
		AS EVALUATED											
PART A	SURFACE COURSES												
302 (2)	Bituminous Tack Coat -CSB 3 Bitumen	AS SUBMITTED		1.00	l.s					20%			
		AS EVALUATED											
304A	Instapave System for Road Surface Treatment	AS SUBMITTED		1.00	l.s					20%			
		AS EVALUATED											
	TOTAL OF PART A	AS SUBMITTED											
		AS EVALUATED											
	TOTAL OF PART H	AS SUBMITTED											
		AS EVALUATED											
	GRAND TOTAL	AS SUBMITTED											
		AS EVALUATED											

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PROJECT NAME : **Proposed Rehabilitation of MEZ Secondary Roads using Instapave**
 : **Surface Treatment**
 LOCATION : **MEZ I, Ibo, Lapu-Lapu City**
 ITEM NO. : **B.7 (1)**
 DESCRIPTION : **Occupational Safety and Health Program**
 Quantity : **1.00**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **l.s**

Designation	No. of Person/s	No. of Months	Monthly Rate	Amount
A. Labor				
a. First Aider	1	2.50		
b. Safety Officer	1	2.50		
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Hours	Daily Rate	Amount
B. Equipment				
Sub-Total for B				
C. Total (A+B)				
D. Output per hour = 1 mo				
E. Direct Unit Cost (C/D)				
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
a. Safety Gloves	pairs	10.00		
b. Caution Tape, 100ft	roll	1.00		
Sub-Total for F				
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses			12%	of G
I. Contractor's Profit (CP)			8%	of G
J. Value Added Tax (VAT)			5%	of (G + H + I)
K. Total Unit Cost			(G + H + I + J)	

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