

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Asphalt Overlay Using Instapave Surface Treatment of
: Second - Third - Fourth St., and First - Second Avenue**

LOCATION : **MEZ I, Ibo, Lapu-Lapu City**

ITEM NO. : **A1.2 (2)**

DESCRIPTION : **Provision of 4x4 Pick Up Type Service Vehicle for the the Engineer on
: Bare Rental Basis**

Quantity : **2.00**

Output per hour - As Submitted : **1.00**

Unit of Measurement : **month**

Designation	No. of Person/s	No. of Hours	Hourly Rate	Amount
A. Labor				
a. Driver	1	240.00		-
Sub-Total for A				-
Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount
B. Equipment				
a. 4x4 Pick Up Type	1	240.00		
Sub-Total for B				-
C. Total (A+B)				
D. Output per hour = 1				
E. Direct Unit Cost (C/D)				
				-
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
a. Liters, Diesel Fuel	liters	10.00		
b. Engine Oil & Lubricants	ls	1.00		
c. Tires	pcs	2.00		
d. Spare parts etc.	ls	1.00		
Sub-Total for F				-
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses				
		0%	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 +	-

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
ESO-III

LOUIE EVANS E. ESOTO
Division Chief, EMD

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Asphalt Overlay Using Instapave Surface Treatment of Second - Third -**
 LOCATION : **Fourth St., and First - Second Avenue**
 ITEM NO. : **MEZ I, Ibo, Lapu-Lapu City**
 DESCRIPTION : **B.5**
 Quantity : **Project Billboard / Sign Board**
 Output per hour - As Submitted : **2.00**
 Unit of Measurement : **8.00**
 : **ea**

Designation	No. of Person/s	No. of Days	Daily Rate	Amount
A. Labor				
a. Construction Foreman	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	Hourly Rate	Amount
B. Equipment				
Sub-Total for B				-
C. Total (A+B)				
D. Output per hour = 2				
E. Direct Unit Cost (C/D)				
Name and Specification	Unit	Quantity	Unit Cost	Amount
F. Materials				
a. Tarpaulin	ft ²	32.00		
b. Good lumber (Frames)	bd.ft	37.00		
c. Assorted Common working nails	kg	0.37		
d. Marine Plywood 1/4 x 4 x 8	pc	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)	

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
ESO-III

LOUIE EVANS E. ESOTO
Division Chief, EMD

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Asphalt Overlay Using Instapave Surface Treatment of**
 : **Second - Third - Fourth St., and First - Second Avenue**
 LOCATION : **MEZ I, Ibo, Lapu-Lapu City**
 ITEM NO. : **B.7 (1)**
 DESCRIPTION : **Occupational Safety and Health Program**
 Quantity : **2.00**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **mo**

Designation	No. of Person/s	No. of Months	Monthly Rate	Amount
A. Labor				
a. First Aider	1	1.00		
b. Safety Officer (Duration of the Project x 25%)	1	0.25		
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Hours	Hourly 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 Helmet	Man-days	155.00		
b. Safety Shoes	Man-days	155.00		
c. Safety Gloves	Man-days	155.00		
d. Caution Tape, 100ft	roll	1.00		
Sub-Total for F				-
G. Direct Unit Cost (E+F)				
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses				
			0%	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)	-

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
ESO-III

LOUIE EVANS E. ESOTO
Division Chief, EMD

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Asphalt Overlay Using Instapave Surface Treatment of Second - Third - Fourth St., and First - Second Avenue**
 LOCATION : **MEZ I, Ibo, Lapu-Lapu City**
 ITEM NO. : **B.8(1)**
 DESCRIPTION : **Traffic Management**
 Quantity : **2.00**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **mo**

Designation	No.of Person/s	No. of Days	Daily Rate	Amount
A. Labor				
a. Traffic Aide	2.00	30.00		
Sub-Total for A				
Name and Capacity	No.of Unit/s	No. of Days	Daily Rate	Amount
B. Equipment				
a. Two-way Radio (w/ lifespan of 2 yrs)	-	-		-
b. Barricade Flash Lighter (3 volts, Battery Operated, Amber color with lifespan consideration of 6 months)	6.00	30.00		
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. Prepate 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		0%	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)	-

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
 ESO-III
 EMD

LOUIE EVANS E. ESOTO
 Division Chief, EMD
 EMD

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Asphalt Overlay Using Instapave Surface Treatment of**
 LOCATION : **Second - Third - Fourth St., and First - Second Avenue**
 ITEM NO. : **MEZ I, Ibo, Lapu-Lapu City**
 DESCRIPTION : **B.9**
 Quantity : **Mobilization / Demobilization**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **l.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. Service Truck (2-5mt)	1	2.00		
d. Pneumatic Tire Roller (10 MT)	1	2.00		
e. Payloader (1.5m ³)	1	2.00		
Sub-Total for B				
C. Total (A+B)				
D. Output per hour =	1 l.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		0%	of G	-
I. Contractor's Profit (CP)		0%	of G	-
J. Value Added Tax (VAT)		5%	of (G + H + I)	-
K. Total Unit Cost			(G + H + I + J)	-

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
 ESO-III
 EMD

LOUIE EVANS E. ESOTO
 Division Chief, EMD
 EMD

DETAILED UNIT PRICE ANALYSIS

Proposed Asphalt Overlay Using Instapave Surface
 PROJECT NAME : **Treatment of Second - Third - Fourth St., and First -**
 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 : **13,598.00** sq.m.

Designation	No. of Person/s	No. of Days	Hourly Rate	Amount
A. Labor				
a. Construction Foreman	1	10		
b. Unskilled Laborer	3	10		
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Days	Hourly Rate	Amount
B. Equipment				
a. Asphalt Distributor, 10ft wide (5ton)	1	7.00		
b. Power broom (2m wide)	1	7.00		
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	39.00		
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)	
-				

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
ESO-III

LOUIE EVANS E. ESOTO
Division Chief, EMD

DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : **Proposed Asphalt Overlay Using Instapave Surface Treatment of Second - Third -**
 LOCATION : **Fourth St., and First - Second Avenue**
 ITEM NO. : **MEZ I, Ibo, Lapu-Lapu City**
 DESCRIPTION : **304A**
 Quantity : **Instapave System for Road Surface Treatment**
 Output per hour - As Submitted : **1.00**
 Unit of Measurement : **l.s**
 Area : **13,598.00 sq.m**

Designation	No. of Person/s	No. of Days	Hourly Rate	Amount
A. Labor				
a. Construction Foreman	1	58.00		
b. Leadman/Technician	1	58.00		
c. Light Skilled Operator	1	58.00		
d. Skilled Worker	3	58.00		
e. Unskilled Laborer	5	58.00		
Sub-Total for A				
Name and Capacity	No. of Unit/s	No. of Days	Hourly Rate	Amount
B. Equipment				
a. Slurry Truck	1	58.00		
b. Cargo Truck (2-5mt)	1	58.00		
c. Service Truck (2-5mt)	1	58.00		
d. Pneumatic Tire Roller (10 MT)	1	10.00		
e. Payloader (1.5m³)	1	5.00		
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. Portland Cement	bags	88.00		
b. Fine Aggregates	cu.m	227.00		
c. Fine sand	cu.m	39.00		
d. Water	liters	54,000.00		
e. CSB- 3 Bitumen (Surface preparation)	drums	22.00		
f. CSB- 3 Bitumen (Overlay w/ 5% wastage)	drums	252.00		
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)	

Note: Minimum Wage Rate (Under W.O.No.ROVII-22 Effective 05 January 2020) for Class A Cities = P404.00 per day

Prepared by:

Checked/Reviewed by:

ARIANNE FLOR P. MAQUINAD
ESO-III

LOUIE EVANS E. ESOTO
Division Chief, EMD



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

Proposed Asphalt Overlay Using Instapave Surface Treatment of Second - Third - Fourth St., and First - Second Avenue
 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 I FACILITIES FOR THE ENGINEER													
A1.2 (2)	Provision of 4x4 Pick Up Type Service Vehicle for the the Engineer on Bare Rental Basis	AS SUBMITTED		2.00	mo.	-	-	-	-	8%	-	-	-
		AS EVALUATED											
TOTAL OF PART I		AS SUBMITTED				-	-	-	-		-	-	-
		AS EVALUATED											
PART II OTHER GENERAL REQUIREMENTS													
B.5	Project Billboard / Sign Board	AS SUBMITTED		2.00	ea	-	-	-	-	20%	-	-	-
		AS EVALUATED											
B.7 (1)	Occupational Safety and Health Program	AS SUBMITTED		2.00	mo.	-	-	-	-	8%	-	-	-
		AS EVALUATED											
B.8(1)	Traffic Management	AS SUBMITTED		2.00	mo.	-	-	-	-	8%	-	-	-
		AS EVALUATED											
B.9	Mobilization /Demobilization	AS SUBMITTED		1.00	l.s	-	-	-	-	0%	-	-	-
		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											
GRAND TOTAL		AS SUBMITTED				-	-	-	-		-	-	-
		AS EVALUATED											

Prepared by:

ARRIANE FLOR P. MAQUINAD
 ESO III

Checked/Reviewed by:

LOUIE EVANS E. ESOTO
 Division Chief II, EMD

Recommending Approval:

ATTY. RUFINO RANULRO Z. SAN JUAN IV
 Deputy Zone Administrator, MEZ

Approved by:

ATTY. ABDULLAH ADEL-KHAN P. ALUG
 Zone Administrator, MEZ