



AS MACHA CONSTRUCTION AND TRADING
216 Fatima Subd. Sapa,
Samal, Bataan

Improvement of CBD MRM Warehouse (LOT NO. 1)

GA-BAC-2023-IP-57

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____


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Samal, Bataan

Improvement of CBD MRM Warehouse (LOT NO. 1)

GA-BAC-2023-IP-57

FINANCIAL COMPONENT

- J. DULY SIGNED FINANCIAL BID FORM
- K. SIGNED SCOPE OF WORK and CONSTRUCTION METHODS
- L. DULY SIGNED BID PRICES IN THE BILL OF QUANTITIES
- M. DETAILED ESTIMATES
- N. SUMMARY SHEET
- O. CASH FLOW BY QUARTER

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

Chairperson: _____

Vice-Chairperson: _____

Member: _____

Member: _____

Member: _____

Member: _____

Provisional Member: _____


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BID FORM

Date: October 09, 2023

Project Identification No.: GA-BAC-2023-IP-57

To: GOVERNMENT ARSENAL
Camp General Antonio Luna
Lamiao, Limay, Bataan

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers GA-BAC-3INFRA-2023-01, the receipt of which is hereby duly acknowledge, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: Lot I- Improvement of CBD MRM Warehouse;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discount offered below is: One Million Two Hundred Fourteen Thousand Seven Hundred Twenty Eight and 64/100 pesos only (Php 1,214,728.64).
- d. The discounts offered and the methodology for their application are: NONE;
- e. The total bid price includes the cost of all taxes, such as, but not limited to (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties, which are itemized herein and reflected in the detailed estimates;
- f. Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of 30 percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and


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- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the **Lot I- Improvement of CBD MRM Warehouse of the DND Government Arsenal, Camp General Antonio Luna, Lamao, Limay, Bataan.**

We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: Eng'r. Alfredo S. Macha

Legal capacity: Owner/ Manager

Signature: 

Duly authorized to sign the bid for and behalf of: AS MACHA CONSTRUCTION AND TRADING

Date: October 09, 2023

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

Chairperson: 


Vice-Chairperson: 

Member: 

Member: 

Member: 

Member: 

Provisional Member: 



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LOT- I: IMPROVEMENT OF CBD MRM WAREHOUSE**ARTICLE I – STATEMENT OF WORK**

- A. The work covered by this specification consists of the supply of labor, materials, consumables, tools/instruments, equipment, supervision, and other services required to complete the Improvement of CBD MRM Warehouse, all in accordance with Articles I, II, III and IV of this Job Specification.
- B. The work shall be undertaken at Government Arsenal, Camp General Antonio Luna, Lamao, Limay, Bataan.

ARTICLE II – SCOPE OF WORK

- A. The scope of work for this Job Specification and Contract Agreement encompasses all effort necessary to complete the construction and commissioning of facilities for the Improvement of CBD MRM Warehouse project. The Contractor shall provide all materials and consumables, labor, tools/instruments, equipment, supervision and other services required and perform all work necessary for the complete execution of all the work.

- B. The work and specifications shall include but not limited to the following:

I	GENERAL REQUIREMENTS		
1	Mobilization/Demobilization	1	lot
2	Provision of Safety and Health Program	1	lot
3	Permits and others	1	lot
4	Construction of temporary facility (temfacil) and layout	1	lot
II	EARTHWORKS	21	cu m
5	Excavation for footings	9	cu m
6	Backfill	4.5	cu m
III	FORMWORKS	4	cu m
7	Formworks for beams and columns	16	sets
8	Scaffolds and staging	1	lot
IV	REBARWORKS	92.1	sq mtrs
9	Rebar works at footing, pedestal and corbel	92.1	sq mtrs
V	CONCRETE WORKS	14	cu m
10	Concreting of footing corbel and column pedestal	14	cu m
VI	INSTALLATION OF I BEAM FRAME	92.1	sq mtrs
11	Welding and Fabrication of steel columns and beams to include steel joist	2512	kgs
12	Welding and Fabrication of steel railings, steel mattings and Steel stairs	92.1	sq mtrs
13	Fabrication and installation of safety steel mattings on mezzanine perimeter	38.5	lm
VII	PAINTING WORKS	92.1	sq mtrs
14	Painting of steel members	92.1	sq mtrs
VIII	ELECTRICAL WORKS	1	lot
15	Re-orientation of existing electrical lights	92.1	sq mtrs
IX	CLEAN UP	1	lot
16	a. Hauling of excess materials, scraps (Inside GA)	1	lot
17	b. Hauling and Disposal of waste materials with no scrap value (Outside GA)	1	lot

- C. The Contractor shall furnish other work not explicitly cited in the drawings and specifications but is reasonably implied and required for the completion of the work under the Job Specification such as housekeeping/clean-up of work site at all times, restoration of damaged facilities and equipment affected during the performance of the above work.

ARTICLE III – SPECIFICATIONS

1. Angle Bar, Wide Flange Members and Base Plate – Shall conform to ASTM A-36 standards, free from rust and dirt
2. C-Purlins – Shall be 2.5mm thick Galvanized and free from rust and dirt
3. Paints - Shall be epoxy primer grey for steel members and QDE alternating yellow/black for traffic paint
4. Concrete – Shall be ready mixed concrete with a design of 3000 psi @ 14 days
5. Forms – Shall be phenolic board, 1-2 times use only
6. Steel Grating for steel deck – Shall be 1" thick welded steel grating with a bearing size of 2 – 1/4" x 3/16", pitch: 1 – 3/16", cross bar pitch: 2"

ARTICLE IV – COMPLETION

The project shall be completed within 120 CALENDAR days from receipt of Notice to Proceed (NTP).

Conformed by:

Name of Firm / Contractor: AS MACHA CONSTRUCTION & TRADING

Name and Signature of Authorized Representative: ALFREDO S. MACHA

Date: OCTOBER 07, 2023

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

Chairperson: _____

Vice-Chairperson: _____

Member: _____

Member: _____

Member: _____

Member: _____

Provisional Member: _____

Project Name: Lot I - Improvement of CBD MRM Warehouse
Owner / Location: Government Arsenal

Construction Methods Outline of Narrative Description

1.0 Introduction

The project shall commence within the inclusive days as provided for in the Notice to Proceed. All necessary equipments, tools, manpower and materials shall be correspondingly brought to the project site

2.0 Brief Description of Contract Works

This project will be started after the acceptance of notice to commence work. Staking and Preliminary survey to determine the limits of scope of work for the different items of work. Delivery of needed materials and related requirements will be done simultaneously to cope up with specified contract duration

3.0 Construction Method and Procedure

Once the notice to commence was received, coordinate with the implementing Agency . Billboards shall be installed for public information and safety about the projects. Choose the possible site for field office / bodega. If the Construction of field office / Bodega has been done, mobilize all the materials , equipment, manpower and other facilities needed in the project

All works will be done in accordance with the plans and specifications stated in the contract. The project construction shall be complet within 120 calendar Days. Project inspection shall be requested from the implementing office upon completion and likewise for the billing of our contract


ALFREDO S. MACHA

Manager

A.S. Macha Construction and Trading

OCTOBER 06, 2023

Date

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

Chairperson: 

Vice-Chairperson: 

Member: 

Member: _____

Member: _____

Member: _____

Provisional Member: _____


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Lot I - Improvement of CBD MRM Warehouse					
BILL OF QUANTITIES					
ITEM NO.	SCOPE OF WORK AND CLASSIFICATION	QTY	UNIT	UNIT COST	TOTAL COST
I	GENERAL REQUIREMENTS				
1	Mobilization / Demobilization	1	lot	47,250.00	47,250.00
2	Provision for Safety and Health Program	1	lot	111,825.00	111,825.00
3	Permits and others	1	lot	32,812.50	32,812.50
4	Construction of temporary facility (temfacil) and layout	1	lot	39,375.00	39,375.00
II	EARTHWORKS	21	cu.m		
5	Excavation of Footings	9	cu.m	786.04	7,074.36
6	Backfill	4.5	cu.m	393.02	1,768.59
III	FORMWORKS	4	cu.m		
7	Formworks for beams and columns	16	sets	1,934.30	30,948.80
8	Scaffolds and staggering	1	lot	93,922.50	93,922.50
IV	REBARWORKS	92.1	sq.m		
9	Rebar works at footing, pedestal and corbel	92.1	sq.m	547.37	50,412.78
V	CONCRETE WORKS	14	cu.m		
10	Concreting of footing corbel and column pedestal	14	cu.m	6,481.88	90,746.32
VI	INSTALLATION OF I BEAM FRAME	92.1	sq.m		
11	Welding and fabrication of steel columns and beams to include steel joist	2,512.00	kgs.	117.84	296,014.08
12	Welding and fabrication of steel railings, steel mattings and Steel chairs	92.1	sq.m	1,927.85	177,554.99
13	Fabrication and installation of safety steel mattings on mezzanine perimeter	38.5	l.m	2,076.82	79,957.57
VII	PAINTING WORKS	92.1	sq.m		
14	Painting of steel members	92.1	sq.m	295.93	27,255.15
VIII	ELECTRICAL WORKS	1	lot		
15	Re-orientation of existing electrical lights	92.1	sq.m	921.74	84,892.25
IX	CLEAN UP	1	lot		
16	Hauling of excess materials, scraps (Inside GA)	1	lot	14,306.25	14,306.25
17	Hauling and disposal of waste materials with no scrap value (Outside GA)	1	lot	28,612.50	28,612.50
	GOVERNMENT ARSENAL			Total	1,214,728.64

BIDS and AWARDS COMMITTEE

Note : VAT = 5%

(Project)

VERIFIED

(Date / Time)

Chairperson: _____

Vice-Chairperson: _____

Member: _____

Member: _____

Member: _____

Member: _____

Member: _____

Member: _____

ALFREDO S. MACHA

Signature Over Printed Name of Bidder

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Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Backfill					
I.	Direct Cost				
	a. Materials				
			Sub-total		-
	b. Equipments				
	1. Minor tools	1	lot	122.50	122.50
			Sub-total		122.50
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	0.25	900	225.00
	Foreman	1	0.25	800	200.00
	Skilled	2	0.25	600	300.00
	Labor	4	0.25	500	500.00
			Sub-total		1,225.00
		Total Direct Cost:			1,347.50
II.	Indirect Cost				
	O.C.M (15%) =	202.13			
	Profit (10%) =	134.75			
	Vat (5%) =	84.22			
	Total Indirect Cost:	421.10			
		TOTAL COST			1,768.60
		TOTAL VOLUME			4.50
		TOTAL UNIT COST			393.02

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

(Date / Time)


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Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Provision for Safety and Health Program					
I.	Direct Cost				
	a. Materials				
			Sub-total		-
	b. Equipments				
	1. Personal Protective Equipment	1	lot	19,200.00	19,200.00
			Sub-total		19,200.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Safety Officer	1	120	550	66,000.00
			Sub-total		66,000.00
		Total Direct Cost:			85,200.00
II.	Indirect Cost				
	O.C.M (15%) =	12,780.00			
	Profit (10%) =	8,520.00			
	Vat (5%) =	5,325.00			
	Total Indirect Cost:	26,625.00			
			TOTAL COST		111,825.00

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)


ALFREDO S. MACHA
OWNER/ MANAGER

VERIFIED

(Date / Time)

Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____


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Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Permits and others					
I.	Direct Cost				
	a. Materials				
	1. Permits and Others	lot	1	25000	25,000.00
				Sub-total	25,000.00
	b. Equipments				
				Sub-total	-
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
				Sub-total	-
				Total Direct Cost:	25,000.00
II.	Indirect Cost				
	O.C.M (15%) =	3,750.00			
	Profit (10%) =	2,500.00			
	Vat (5%) =	1,562.50			
	Total Indirect Cost:	7,812.50			
				TOTAL COST	32,812.50
				TOTAL UNIT	1.00
				TOTAL UNIT COST	32,812.50

(Project)

VERIFIED


Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____

Project Name:		Lot I - Improvement of CBD MRM Warehouse				
Owner / Location:		Government Arsenal				
DETAILED ESTIMATE						
ITEM OF WORK			UNIT	QNTY.	UNIT COST	AMOUNT
Construction of temporary facility (temfacil) and layout						
I.	Direct Cost					
	a. Materials					
	1. Temporary Barracks		lot	1	30000	30,000.00
</						

(Project)

(Date / Time)

ALFREDO S. MACHA


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Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Excavation of footings					
I.	Direct Cost				
	a. Materials				
			Sub-total		-
	b. Equipments				
	1. Minor tools	1	lot	490.00	490.00
			Sub-total		490.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	1	900	900.00
	Foreman	1	1	800	800.00
	Skilled	2	1	600	1,200.00
	Labor	4	1	500	2,000.00
			Sub-total		4,900.00
		Total Direct Cost:			5,390.00
II.	Indirect Cost				
	O.C.M (15%) =	808.50			
	Profit (10%) =	539.00			
	Vat (5%) =	336.88			
	Total Indirect Cost:	1,684.38			
		TOTAL COST			7,074.38
		TOTAL VOLUME			9.00
		TOTAL UNIT COST			786.04

(Project)

(Date / Time)


ALFREDO S. MACHA


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Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Formworks for beams and columns					
I.	Direct Cost				
	a. Materials				
	1. Formworks for beams and columns		set	16	800.00
				Sub-total	12,800.00
	b. Equipments				
	1. Minor tools		1	lot	980.00
				Sub-total	980.00
	c. Labor Cost		QNTY.	DAYS	RATE
	Project Engineer		1	2	900
	Foreman		1	2	800
	Skilled		2	2	600
	Labor		4	2	500
				Sub-total	9,800.00
			Total Direct Cost:		23,580.00
II.	Indirect Cost				
	O.C.M (15%) =	3,537.00			
	Profit (10%) =	2,358.00			
	Vat (5%) =	1,473.75			
	Total Indirect Cost:	7,368.75			
			TOTAL COST		30,948.75
			TOTAL UNIT		16.00
			TOTAL UNIT COST		1,934.30

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Rebar works at footing, pedestal and corbel					
I.	Direct Cost				
	a. Materials				
	1. Reinforcing bar for footing, pedestal and corbel	sq.m	92.1	300.00	27,630.00
				Sub-total	27,630.00
	b. Equipments				
	1. Minor tools	1	lot	980.00	980.00
				Sub-total	980.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	2	900	1,800.00
	Foreman	1	2	800	1,600.00
	Skilled	2	2	600	2,400.00
	Labor	4	2	500	4,000.00
				Sub-total	9,800.00
				Total Direct Cost:	38,410.00
II.	Indirect Cost				
	O.C.M (15%) =	5,761.50			
	Profit (10%) =	3,841.00			
	Vat (5%) =	2,400.63			
	Total Indirect Cost:	12,003.13			
	GOVERNMENT ARSENAL			TOTAL COST	50,413.13
	BIDS and AWARDS COMMITTEE			TOTAL VOLUME	92.10
				TOTAL UNIT COST	547.37

(Project)

(Date / Time)

~~ALFREDO S. MACHA~~
OWNER/ MANAGER

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Concreting of footing corbel and column pedestal					
I.	Direct Cost				
	a. Materials				
	1. Cement	bags	126	215.00	27,090.00
	2. Sand	cu.m	7	500.00	3,500.00
	3. Gravel	cu.m	14	650.00	9,100.00
				Sub-total	39,690.00
	b. Equipments				
	1. One bagger mixer	1	5	500	2500.00
	2. Minor tools	1	lot	2,450.00	2,450.00
				Sub-total	4,950.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	5	900	4,500.00
	Foreman	1	5	800	4,000.00
	Skilled	2	5	600	6,000.00
	Labor	4	5	500	10,000.00
				Sub-total	24,500.00
				Total Direct Cost:	69,140.00
II.	Indirect Cost				
	O.C.M (15%) =	10,371.00			
	Profit (10%) =	6,914.00			
	Vat (5%) =	4,321.25			
	Total Indirect Cost:	21,606.25			
				TOTAL COST	90,746.25
	GOVERNMENT ARSENAL			TOTAL AREA	14.00
	BIDS and AWARDS COMMITTEE			TOTAL UNIT COST	6,481.88

ALFREDO S. MACHA
OWNER/ MANAGER

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Welding and fabrication of steel columns and beams to include steel joist					
I.	Direct Cost				
	a. Materials				
	1. Steel columns and beams to include steel joist	kg	2,512.00	75.00	188,400.00
			Sub-total		188,400.00
	b. Equipments	QNTY.	DAYS	RATE	AMOUNT
	1. Welding machine	2	6	400.00	4,800.00
	2. Minor tools	1	lot	2,940.00	2,940.00
			Sub-total		7,740.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	6	900	5,400.00
	Foreman	1	6	800	4,800.00
	Skilled	2	6	600	7,200.00
	Labor	4	6	500	12,000.00
			Sub-total		29,400.00
		Total Direct Cost:			225,540.00
II.	Indirect Cost				
	O.C.M (15%) =	33,831.00			
	Profit (10%) =	22,554.00			
	Vat (5%) =	14,096.25			
	Total Indirect Cost:	70,481.25			
		TOTAL COST			296,021.25
		TOTAL UNIT			2,512.00
		TOTAL UNIT COST			117.84

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Welding and fabrication of steel railings, steel mattings and Steel chairs					
I.	Direct Cost				
	a. Materials				
	1. steel railings, steel mattings and Steel chairs		sq.m	92.10	1,200.00
				Sub-total	110,520.00
	b. Equipments		QNTY.	DAYS	RATE
	1. Welding machine		2	4	400.00
	2. Minor tools		1	lot	1,960.00
				Sub-total	5,160.00
	c. Labor Cost		QNTY.	DAYS	RATE
	Project Engineer		1	4	900
	Foreman		1	4	800
	Skilled		2	4	600
	Labor		4	4	500
				Sub-total	19,600.00
			Total Direct Cost:		135,280.00
II.	Indirect Cost				
	O.C.M (15%) =	20,292.00			
	Profit (10%) =	13,528.00			
	Vat (5%) =	8,455.00			
	Total Indirect Cost:	42,275.00			
	GOVERNMENT ARSENAL			TOTAL COST	177,555.00
	BIDS and AWARDS COMMITTEE			TOTAL UNIT	92.10
				TOTAL UNIT COST	1,927.85

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Fabrication and installation of safety steel mattings on mezzanine perimeter					
I.	Direct Cost				
	a. Materials				
	1. safety steel mattings on mezzanine perimeter		l.m	38.50	1,100.00 42,350.00
			Sub-total		42,350.00
	b. Equipments	QNTY.	DAYS	RATE	AMOUNT
	1. Welding machine	2	3	400.00	2,400.00
	2. Minor tools	1	lot	1,470.00	1,470.00
			Sub-total		3,870.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	3	900	2,700.00
	Foreman	1	3	800	2,400.00
	Skilled	2	3	600	3,600.00
	Labor	4	3	500	6,000.00
			Sub-total		14,700.00
	Total Direct Cost:				60,920.00
II.	Indirect Cost				
	O.C.M (15%) =	9,138.00			
	Profit (10%) =	6,092.00			
	Vat (5%) =	3,807.50			
	Total Indirect Cost:	19,037.50			
			TOTAL COST		79,957.50
	GOVERNMENT ARSENAL		TOTAL UNIT		38.50
	BIDS and AWARDS COMMITTEE		TOTAL UNIT COST		2,076.82


ALFREDO S. MACHA
OWNER/ MANAGER

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Painting of steel members					
I.	Direct Cost				
	a. Materials				
	1. Red Oxide Primer	gal	4	395.00	1,580.00
	2. Enamel Paint	gal	9	682.00	6,138.00
	3. Paint thinner	L	23	77.94	1,792.62
	4. Consumables	lot	1	475.53	475.53
				Sub-total	9,986.15
	b. Equipments				
	1. Minor tools	1	lot	980.00	980.00
				Sub-total	980.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	2	900	1,800.00
	Foreman	1	2	800	1,600.00
	Skilled	2	2	600	2,400.00
	Labor	4	2	500	4,000.00
				Sub-total	9,800.00
				Total Direct Cost:	20,766.15
II.	Indirect Cost				
	O.C.M (15%) =	3,114.92			
	Profit (10%) =	2,076.62			
	Vat (5%) =	1,297.88			
	Total Indirect Cost:	6,489.42			
				TOTAL COST	27,255.57
				TOTAL AREA	92.10
				TOTAL UNIT COST	295.93

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____

ALFREDO S. MACHA
OWNER/ MANAGER

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Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Re-orientation of existing electrical lights					
I.	Direct Cost				
	a. Materials				
			Sub-total		-
	b. Equipments	QNTY.	DAYS	RATE	AMOUNT
	1. Minor tools	1	1	5,880.00	5,880.00
			Sub-total		5,880.00
	c. Labor Cost	QNTY.	DAYS	RATE	AMOUNT
	Project Engineer	1	12	900	10,800.00
	Foreman	1	12	800	9,600.00
	Skilled	2	12	600	14,400.00
	Labor	4	12	500	24,000.00
			Sub-total		58,800.00
		Total Direct Cost:			64,680.00
II.	Indirect Cost				
	O.C.M (15%) =	9,702.00			
	Profit (10%) =	6,468.00			
	Vat (5%) =	4,042.50			
	Total Indirect Cost:	20,212.50			
	GOVERNMENT ARSENAL		TOTAL COST		84,892.50
	BIDS and AWARDS COMMITTEE		TOTAL AREA		92.10
			TOTAL UNIT COST		921.74

(Project)

VERIFIED

(Date / Time)

Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____

ALFREDO S. MACHA
OWNER/ MANAGER

CERTIFIED TRUE COPY

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Hauling of excess materials, scraps (Inside GA)					
I.	Direct Cost				
	a. Materials				

(Project)
VERIFIED

(Date / Time)

Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____

ALFREDO S. MACHA
OWNER/ MANAGER

CERTIFIED TRUE COPY

Project Name:		Lot I - Improvement of CBD MRM Warehouse			
Owner / Location:		Government Arsenal			
DETAILED ESTIMATE					
ITEM OF WORK		UNIT	QNTY.	UNIT COST	AMOUNT
Hauling and disposal of waste materials with no scrap value (Outside GA)					
I.	Direct Cost				
	a. Materials				

(Project)

VERIFIED

(Date / Time)

Chairperson: _____
Vice-Chairperson: _____
Member: _____
Member: _____
Member: _____
Provisional Member: _____


ALFREDO S. MACHA
OWNER/ MANAGER


CERTIFIED TRUE COPY



AS MACHA CONSTRUCTION AND TRADING
216 Fatima Subd. Sapa,
Samal, Bataan

SUMMARY SHEET

PROJECT ID: GA-BAC-2023-IP-57
PROJECT NAME: LOT I- Improvement of CBD MRM Warehouse

I GENERAL REQUIREMENTS

1 MOBILIZATION/ DEMOBILIZATION

EQUIPMENT	UNIT	UNIT COST
DUMP TRUCK	1 UNIT	PHP6,000.00
UTILITY VEHICLE	1 UNIT	PHP200.00

2 PROVISION FOR SAFETY AND HEALTH PROGRAM

EQUIPMENTS	UNIT	UNIT COST
PERSONAL PROTECTIVE EQUIPMENT	1 LOT	PHP19,200.00

LABOR RATES	QUANTITY	DAILY RATE
SAFETY OFFICER	1	PHP550.00

3 PERMITS AND OTHERS

MATERIALS	UNIT	UNIT COST
PERMITS AND OTHERS	1 LOT	PHP25,000.00

4 CONSTRUCTION OF TEMPORARY FACILITY (TEMFACIL) AND LAYOUT

MATERIALS	QUANTITY	DAILY RATE
TEMPORARY BARRACKS	1 LOT	PHP30,000.00

II EARTH WORKS

5 EXCAVATION OF FOOTINGS

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1 LOT	PHP490.00

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900
FOREMAN	1	PHP800
SKILLED	2	PHP600
LABOR	4	PHP500

6 BACKFILL

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1	PHP112.50

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900
FOREMAN	1	PHP800

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SKILLED	2	PHP600
LABOR	4	PHP500

III FORMWORKS

7 FORMWORKS FOR BEAMS AND COLUMNS

MATERIALS	UNIT	UNIT COST
FORMWORKS FOR BEAMS AND COLUMNS	1 SET	PHP800.00

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1 LOT	PHP980.00

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900
FOREMAN	1	PHP800
SKILLED	2	PHP600
LABOR	4	PHP500

8 SCAFFOLDS AND STAGGING

MATERIALS	UNIT	UNIT COST
SCAFFOLDS AND STAGING	1 LOT	PHP50,000.00

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1 LOT	PHP1960.00

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900
FOREMAN	1	PHP800
SKILLED	2	PHP600
LABOR	4	PHP500

IV REBARWORKS

9 REBAR WORKS AT FOOTING, PEDESTAL AND CORBEL

MATERIALS	UNIT	UNIT COST
REINFORCING BAR FOR FOOTING, PEDESTAL AND CORBEL	1 SQ. M	PHP300.00

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1 LOT	PHP980.00

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900
FOREMAN	1	PHP800
SKILLED	2	PHP600
LABOR	4	PHP500

V CONCRETE WORKS

10 CONCRETING OF FOOTING CORBEL AND COLUMN PEDESTAL

MATERIALS	UNIT	UNIT COST
CEMENT	1 BAG	PHP215.00
GRAVEL	1 CU. M	PHP650.00


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SAND	1 CU.M	PHP500.00
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EQUIPMENTS	UNIT	UNIT COST
ONE BAG MIXER	1	PHP500.00
MINOR TOOLS	1 LOT	PHP2450.00

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP800.00
SKILLED	2	PHP600.00
LABOR	4	PHP500.00

VI INSTALLATION OF I BEAM FRAME

11 WELDING AND FABRICATION OF STEEL COLUMNS AND BEAMS TO INCLUDE STEEL JOIST

MATERIALS	UNIT	UNIT COST
STEEL COLUMNS AND BEAMS TO INCLUDE STEEL MJOIST	1 KG	PHP75.00

EQUIPMENTS	UNIT	UNIT COST
WELDING MACHINE	1	PHP400.00
MINOR TOOLS	1 LOT	PHP3920.00

LABOR RATES	QUANTITY	DAILY RATE
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP800.00
SKILLED	2	PHP600.00
LABOR	4	PHP500.00

12 WELDING AND FABRICATION OF STEEL RAILINGS, STEEL MATTINGS AND STEEL CHAIRS

MATERIALS	UNIT	UNIT COST
STEEL RAILINGS, STEEL MATTINGS AND STEEL CHAIRS	1 SQ. M	PHP1200.00

EQUIPMENTS	UNIT	UNIT COST
WELDING MACHINE	1	PHP400.00
MINOR TOOLS	1 LOT	PHP1960.00

LABOR RATES	QUANTITY	RATE PER DAY
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP810.00
SKILLED	2	PHP650.00
LABOR	4	PHP500.00

13 FABRICATION AND INSTALLATION OF SAFETY STEEL MATTINGS ON MAZZANINE PERIMETER

MATERIALS	UNIT	UNIT COST
SAFETY STEEL MATTINGS ON MEZZANINE PERIMETER	1 L. M	PHP1100.00

EQUIPMENTS	UNIT	UNIT COST
WELDING MACHINE	1	PHP400.00
MINOR TOOLS	1 LOT	PHP1470.00


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LABOR RATES	QUANTITY	RATE PER DAY
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP810.00
SKILLED	2	PHP650.00
LABOR	4	PHP500.00

VII PAINTING WORKS

14 PAINTING OF STEEL MEMBERS

MATERIALS	UNIT	UNIT COST
RED OXIDE PRIMER	1 GAL	PHP395.00
ENAMEL PAINT	1 GAL	PHP682.00
PAINT THINNER	1 L	PHP77.94
CONSUMABLES	1 LOT	PHP475.53

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1 LOT	PHP980.00

LABOR RATES	QUANTITY	RATE PER DAY
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP810.00
SKILLED	2	PHP650.00
LABOR	4	PHP500.00

VIII ELECTRICAL WORKS

15 RE-ORIENTATION OF EXISTING ELECTRICAL LIGHTS

EQUIPMENTS	UNIT	UNIT COST
MINOR TOOLS	1 LOT	PHP5880.00

LABOR RATES	QUANTITY	RATE PER DAY
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP810.00
SKILLED	2	PHP650.00
LABOR	4	PHP500.00

IX CLEAN UP

16 HAULING OF EXCESS MATERIALS, SCRAPS (INSIDE GA)

EQUIPMENTS	UNIT	UNIT COST
DUMPTRUCK	1	PHP6000.00


LABOR RATES	QUANTITY	RATE PER DAY
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP810.00
SKILLED	2	PHP650.00
LABOR	4	PHP500.00

17 HAULING AND DISPOSAL OF WASTE MATERIALS WITH NO SCRAP VALUE (OUTSIDE GA)

EQUIPMENTS	UNIT	UNIT COST
DUMPTRUCK	1	PHP6000.00


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LABOR RATES	QUANTITY	RATE PER DAY
PROJECT ENGINEER	1	PHP900.00
FOREMAN	1	PHP810.00
SKILLED	2	PHP650.00
LABOR	4	PHP500.00


 ALFREDO S. MACHA
 OWNER/ MANAGER

GOVERNMENT ARSENAL
BIDS and AWARDS COMMITTEE

(Project)

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(Date / Time)

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Project Name: Lot I - Improvement of CBD MRM Warehouse
 Owner / Location: Government Arsenal

Particulars	1st Payment	2nd Payment	3rd Payment	4th Payment
Accomplishment	241,942.66	150,489.13	613,269.45	209,027.40
Cummulative Accomplishment	241,942.66	392,431.79	1,005,701.24	1,214,728.64
Percent (%) Accomplishment	19.92	12.39	50.49	17.21
Cummulative Percent (%) Accomplishment	19.92	32.31	82.79	100.00


 ALFREDO S. MACHA
 Manager

A.S. Macha Construction and Trading

OCTOBER 06, 2023

Date

GOVERNMENT ARSENAL
 BIDS and AWARDS COMMITTEE

(Project)

VERIFIED

(Date / Time)

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 Vice-Chairperson: _____
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