

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF NATIONAL DEFENSE
GOVERNMENT ARSENAL
Camp General Antonio Luna
Lima, Bataan

JOB ORDER NO. 32-2023

Date: December 29, 2023

BQA CONSTRUCTION AND TRADING
Doña Francisca, Balanga City, Bataan
TIN No. : 301-599-795-000

Please furnish the following Scope of Work for the account and official use of the Government Arsenal, Lamao, Lima, Bataan:

JOB SPECIFICATIONS FOR THE
LOT II - ELECTRICAL WORKS AT CBD ANNEALING MACHINE

ARTICLE I – STATEMENT OF WORK

- A. The works covered by this specification consists of the supply of labor, materials, consumables, tools/instruments, equipment, supervision and other services required to complete the **Electrical Works at CBD Annealing Machine** project, all in accordance with Articles I, II, III and IV of this Job Specifications and Drawing No. CMS-2023-002. (6 sheets)
- B. The work shall be undertaken at Government Arsenal, Camp General Antonio Luna, Lamao, Lima, 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 **ELECTRICAL WORKS AT CBD ANNEALING MACHINE** 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 for Safety and Health Program 1 lot
 - 3. Provision for temporary cover of existing machines for hotworks 255 sq m
 - II **WELDING AND FABRICATION WORKS FOR CABLE TRAY**
 - 4. Supply and installation of cable tray 41.66 lm
 - 5. Welding and fabrication of steel hanger 1 lot
 - 6. Painting of cable tray and fabricated 1 lot
 - III **ELECTRICAL WORKS**
 - 7. Electrical works to include load side wiring from the source, 1500kVA transformer 13.8kV/220V 511 sq m
 - IV **CLEAN-UP**
 - 8. Hauling of excess materials and scraps (inside GA) 1 lot
 - 9. Hauling/Clean-up 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 and C- Channel - Shall conform to ASTM A-36 standards, free from rust and dirt
- 2. Paints - Shall be Epoxy primer grey with QDE Aluminum silver finished for newly installed Cable tray/Cable tray hanger
- 3. Electricals – Shall be provided as follows;
 - Main Feeder;**
 - a. A three phase main circuit breaker with a rating of 1400 AT should be installed and connected to the 1500 KVA transformer source
 - b. Three (3) sets of 3 # 200mm² THHN/THWN wires should be used as feeder wire serving the main circuit breaker.
 - Panel Board;**
 - c. Panel board for the equipment
 - i. Main CB:
 - 1. 1 – 1400AT 3 Pole
 - ii. Branch CB:
 - 1. 1 – 900AT 3 Pole
 - 2. 2 – 500AT 3 Pole
 - d. Three (3) sets of 3 # 200mm² THHN/THWN wires should be used for the supply of panel board and will be installed to the existing cable tray.
 - Cable Tray;**
 - e. A new cable tray will be installed to support the conductors serving three equipment.
 - i. 500mm width prefabricated cable tray which supports a total of 12 conductors.
 - ii. 300mm width prefabricated cable tray which supports a total of 8 conductors (going to annealing and pickling machine).
 - Equipment Wire Sizes;**
 - f. Annealing: 3 # 175mm² THHN; 1 # 60mm² THHN
 - g. Pickling: 3 # 80mm² THHN; 1 # 30mm² THHN
 - h. Degreasing: 3 # 80mm² THHN; 1 # 30mm² THHN

ARTICLE IV – COMPLETION

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

TOTAL COST of LABOR and MATERIALS ----- PhP8,450,279.18 ✓

X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X

- MODE OF PROCUREMENT : Public Bidding
- BASIS : Camp Maintenance Section, Engineering Division
- REFERENCE : APP 2023, Page 1.I PR No. 2023-07-128
- WARRANTY : The warranty against Structural Defects / Failures is two (2) years

Correction of Defects:
Inspection of reported defects shall be conducted within seven (7) calendar days upon receipt of Notice for Correction of Defects. Action plan and schedule shall be submitted within seven (7) calendar days after inspection, subject to the approval of the end-user and Project Management Team. All expenses that will be incurred during the activity shall be for the account of the Contractor. Completion of the correction of defects shall be subjected to the acceptance of the end-user.

- SUBMISSION OF "AS BUILT" DRAWINGS : "As Built" drawings shall be submitted in two (2) formats: three (3) original hard copies (A1 size paper) and one (1) electronic copy compatible to AutoCAD 2010 in CD. The date by which "as built" drawings are required is upon completion of the project, subject to verification by the Procuring Entity. The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is 1% of the contract price in local currency.




TERMS OF PAYMENT: Progress payment is allowed upon submission of a statement of work accomplished (SWA) duly verified by the Procuring Entity's representative and the corresponding request for progress payment may only be submitted upon completion of a specific portion, segment, milestone or phase thereof, subject to 10% retention to be released after one (1) year from acceptance and/or posting of Surety Bond to cover warranty period.

In addition to the above requirements, the Construction Safety and Health Program (CSHP) approved by the DOLE must be submitted before the first progress payment shall be paid.

The procuring entity's representative/project engineer shall check the contractor's SWA and certify the amount to be paid to the contractor as progress payment. Materials and equipment delivered on the site but not completely put in place shall not be included for payment.

The total "retention money" shall be due for release upon final acceptance of the works. The contractor may, however, request the substitution of the retention money for each progress billing with irrevocable standby letters of credit of from a commercial bank, bank guarantees or surety bonds callable on demand, of amounts equivalent to the retention money substituted for and acceptable to Government, provided that the project is on schedule and is satisfactorily undertaken. Otherwise, the ten percent (10%) retention shall be made. Said irrevocable standby letters of credit, bank guarantees and/or surety bonds, to be posted in favor of the Government shall be valid for a duration to be determined by the concerned implementing office/agency or procuring entity and will answer for the purpose for which the ten percent (10%) retention is intended, i.e., to cover uncorrected discovered defects and third party liabilities.

Total Amount in Words: EIGHT MILLION FOUR HUNDRED FIFTY THOUSAND TWO HUNDRED SEVENTY NINE PESOS AND 18/100 ONLY	PhP8,450,279.18 VVVVVVVVVVVVVVVVVV
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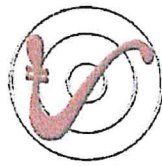
<div>RECOMMENDED:</div> <div> MS. ROWEENA G. BASA, CPA Supt., Planning & Logistics Division</div>	<div>ALLOTMENT AVAILABLE</div> <div>RA _____ FUND <u>1011</u> DOA No. _____ FUNCTION _____ OBJECT CLASS _____ OBLIGATION No. <u>02-10101-2023-12-2077</u> ✓ AMOUNT <u>8,450,279.18</u> ✓</div>
<div>APPROVED:</div> <div> GERRY P. AMANTE Director</div>	<div> MS. ISAA RUTH F. LESMA, CPA Chief Accountant/Comptroller</div>

Received and accepted JOB ORDER subject to terms and conditions

By: MR. ALLAN Q. BATUNGBACAL
Signature over Printed Name

Date: 12 FEB 2024

THIS IS AN IMPORTANT PAPER AND WILL CAUSE DEALER INCONVENIENCE IF LOST



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF NATIONAL DEFENSE
GOVERNMENT ARSENAL

NOTICE TO PROCEED

12 FEB 2024

(Date)

MR. ALLAN Q. BATUNGBACAL
Authorized Representative
BQA Construction and Trading
Doña Francisca, Balanga City, Bataan

Dear Mr. Batungbacal:

The attached Contract Agreement having been approved, notice is hereby given to that work may commence for the supply and delivery of **Lot II – Electrical Works at CBD Annealing Machine** for the Government Arsenal, DND upon receipt of this notice provided that the specification will be strictly complied with during delivery.

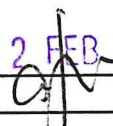
Upon receipt of this notice, you are responsible for performing the services under the terms and conditions of the Agreement and in accordance with the Implementation Schedule.

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. Keep one copy and return the other to the Arsenal, DND.

Very truly yours,

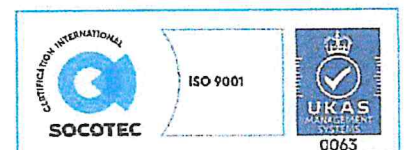

GERRY P. AMANTE
Director

I acknowledge receipt of this Notice on
Name of the Representative of the Bidder
Authorized Signature

12 FEB 2024


Job Order No. 32-2023
Project Ref No. GA-BAC-2023-IP-57

(047) 244-56-25
oda@arsenal.mil.ph
www.arsenal.mil.ph
Camp General Antonio Luna
Lumao, Limay, Bataan



CONTRACT AGREEMENT

THIS AGREEMENT made this FEB 13 2024 day of 20 between **GOVERNMENT ARSENAL**, Camp General Antonio Luna, Limay, Bataan (hereinafter called "the Entity") and **BQA CONSTRUCTION AND TRADING** of Doña Francisca, Balanga City, Bataan (hereinafter called "the Contractor").

WHEREAS, the Entity is desirous that the Contractor execute **Electrical Works at CBD Annealing Machine under Lot II of IB# GA-BAC-2023-IP-57** (hereinafter called "the Works") and the Entity has accepted the bid for **EIGHT MILLION FOUR HUNDRED FIFTY THOUSAND TWO HUNDRED SEVENTY NINE PESOS and 18/100 (PhP8,450,279.18)** by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents as required by the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:

- i. Philippine Bidding Documents (PBDs);
 - i. Drawings/Plans;
 - ii. Specifications;
 - iii. Bill of Quantities;
 - iv. General and Special Conditions of Contract;
 - v. Supplemental or Bid Bulletins, if any;

ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

iii. Performance Security;

iv. Notice of Award of Contract; and the Bidder's conforme thereto; and

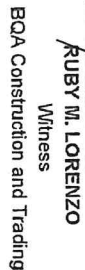
v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.


3. In consideration for the sum of **EIGHT MILLION FOUR HUNDRED FIFTY THOUSAND TWO HUNDRED SEVENTY NINE PESOS and 18/100 (PhP8,450,279.18)** only or such other sums as may be ascertained, **BQA Construction and Trading** agrees to the **Electrical**

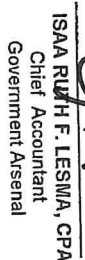

GERRY P. AMANTE
Director
Government Arsenal


ALLAN Q. BATUNGBACAL
Authorized Representative
BQA Construction and Trading


ROWENA G. BASA, CPA
Supt., Planning and Logistics Division
Government Arsenal


RUBY M. LORENZO
Witness
BQA Construction and Trading


ATTY. ABIGAIL C. GABRIEL
Legal Officer
Government Arsenal


ISAA R. F. LESMA, CPA
Chief Accountant
Government Arsenal

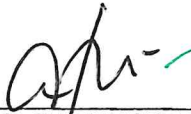
Works at CBD Annealing Machine under Lot II in accordance with its Bid.

4. The **GOVERNMENT ARSENAL** agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed on the day and year first above written.



GERRY P. AMANTE
Director
Government Arsenal



ALLAN Q. BATUNGBACAL
Authorized Representative
BQA Construction and Trading

SIGNED IN THE PRESENCE OF:

on mission

ATTY. ABEGAIL C. GABRIEL
Legal Officer
Government Arsenal



ROWEENA G. BASA, CPA
Supt., Planning & Logistics Division
Government Arsenal



ISAA RUTH F. LESMA, CPA
Chief Accountant
Government Arsenal



RUBY M. LORENZO
Witness
BQA Construction and Trading

Acknowledgment

REPUBLIC OF THE PHILIPPINES)
CITY OF **PILAR, BATAAN**) s.s.


BEFORE ME, a Notary Public for and in **PILAR, BATAAN**, Philippines,
on this FEB 13 day of 2024 2023 personally appeared:

	Valid Identification	Card No.
GERRY P. AMANTE	Passport	<u>P6406684A</u>
ALLAN Q. BATUNGBACAL	T I N	<u>301-599-795</u>
RUBY M. LORENZO	Driver's License	<u>C02-006115</u>
ROWEENA G. BASA, CPA	T I N	<u>196-041-509</u>
ATTY. ABEGAIL C. GABRIEL	T I N	<u>406-648-758</u>
ISAA RUTH F. LESMA, CPA	T I N	<u>298-122-603</u>

known to me and to me known to be the same persons who executed the foregoing instrument and acknowledged to me that the same is their free and voluntary deed.

WITNESS MY HAND AND SEAL on the date and place above written:

Doc. No. 157
Page No. 31
Book No. 143
Series of 2024 4


ATTY. GENIE R. ZABALA JR.
NOTARY PUBLIC
ROLL OF ATTORNEY NO. 64576
IBP LIFETIME MEMBERSHIP NO. 013821
PTR NO. BTN 7660543 DATE 1/9/24
UNTIL DECEMBER 31, 2024