



# PRICE QUOTATION / PROPOSAL AND COMPLIANCE FORM

## Repair and Rehabilitation of Fire Detection and Alarm System at Admin Building

### TERMS OF REFERENCE

#### I. SCOPE OF WORK:

1. The contractor shall supply and deliver all required labor, tools, materials, equipment, and necessary supervision and technical expertise to execute and complete the repair and rehabilitation of fire detection and alarm system at PNOE ESB admin building.
2. Restoration of the conventional fire detection and alarm system:
  - a. 2.1 Installations of new electrical pipe (Electrical Metallic Tubing).
  - b. Rewiring of the FDAS and restore all alarm bells, detectors, trouble and defective devices or its parts located in:
    - ◁ Zone 1 (ground floor) with 10 smoke detector, 1 heat detector, 2 bell/buzzer, 2 manual pull/press station, and 1 fire alarm control panel
    - ◁ Zone 2 (second floor view deck) with 10 smoke detector, 1 heat detector, 3 bell/buzzer, and 2 manual pull/press station.
  - c. Replacement of one alarm bell at (Zone 2).
  - d. Install additional 1 smoke detector at Zone 1 (electrical panel room).
  - e. Install additional 3 smoke detectors at Zone 2 (1 in electrical panel room, 1 in male comfort room and 1 in female comfort room).
3. Removal and relocate/reinstall the conventional fire alarm control panel (Firex 220) from its current location to admin entrance/lobby.
4. Replacement of defective 12V battery in the control panel.
5. Testing and Commissioning.
6. Restoration of affected areas.
7. Cleaning and demobilization.
8. Submission of the As-Built plan (2 copies) in Size A3 and pdf copy done by the contractor.

#### II. LABOR REQUIREMENTS:

1. Contractor personnel must be knowledgeable in Repair and Rehabilitation of Fire Detection and Alarm System (FDAS).
2. Contractor personnel must have qualified team leader for all technical aspects for the Repair and Rehabilitation of Fire Detection and Alarm System (FDAS) at the project site.

### III. EQUIPMENT REQUIREMENT:

No Major equipment require

### IV. MATERIALS REQUIREMENTS:

1. Rechargeable Battery
2. Photoelectric Smoke Detector
3. Alarm Bell
4. Electrical Wire
5. Electrical Metallic Tubing (EMT)
6. Metal Junction Box

### VI. DRAWINGS

The contractor should refer to Annex A for the architectural elevations and the admin building and layout of installed fire detection and alarm system including riser diagram.

### VII. PROJECT EXECUTION REQUIREMENTS:

#### A. Methodology Requirements

1. The contractor shall validate and check any conditions on site, which effect on the work and shall immediately notify PNOC before commencing the works.
2. The Contractor shall secure the following requirements prior to execution of works:
  - a. PNOC ESB Work permits system; and
  - b. Safety and Health Orientations for all personnel by PNOC ESB HSSE Officer.
3. Supply and delivery of required consumable and materials needed for the repair and rehabilitation of Fire Detection and Alarm System.
  - 1 pc- Rechargeable Battery 12 Volts, 3.2 Ah C20, Lead Acid Type
  - 4 pcs Photoelectric Smoke Detector Alarm Current: 30 mA @ 24V DC
  - 1 pc- Alarm Bell Gong Type, 6 inches, and 24 volts
  - 6 boxes- Electrical Wire # 16AWG or 1.25mm, Thermoplastic High Heat Resistant Nylon coated/ Thermoplastic Heat and Water Resistant Nylon coated (THHN/THWN) stranded wire Two different color of wire (yellow and white); 150meters/box
  - 56 pcs Electrical Metallic Tubing (EMT) size : ½" diameter X 10 feet EMT; Screw type
  - 30 pcs Metal Junction Box Octagonal shape, gauge 16

4. The contractor shall provide their own electrical circuit/cable tracer, electrical test industrial air blower (hose included), pipe bender and ladder.
5. Tapping point for the required utility such as power shall be provided by PNOC.
6. All affected works shall be restored by the Contractor to the satisfaction of the client.
7. Proper waste management from source to final disposal shall be the responsibility the contractor as approved by PNOC.
8. All works, which are not in accordance with this specification shall be corrected at the Contractor's expense. All workers must be equipped with Personal Protective Equipment (PPE) and necessary equipment if working at heights in accordance with the Occupational Safety and Health Standard and RA 11058.

**B. General Conditions**

1. A joint inspection must be conducted by the Contractor and PNOC Representatives before the start of the specific works to be done for the project.
2. The contractor may inspect and examine the site and the surroundings of the proposed project to arrive at an estimate of the labor, materials, equipment, and services necessary to carry out the work.
3. The contractor must conduct proper planning and safety orientation meeting to all personnel involved in the work prior to commencement.
4. The contractor is required to coordinate all activities and work relative to the project with the PNOC representative for proper monitoring and coordination.
5. The Contractor shall commence work on the agreed Start Date and shall carry out the work in accordance with the program of work submitted by the CONTRACTOR, as updated, with the approval of the PNOC representative and complete the project by the completion date as indicated in the Terms of Reference (TOR).
6. The contractor shall be liable for all accident claims and all claims arising from injuries and damages, which may occur in relation to the execution of the project.
7. The contractor shall hold PNOC and its personnel free from any and all liabilities for damages arising from injuries or liabilities to persons or damages to property occasioned by any act or omissions of the contractor including any and all expenses, which may be incurred, by PNOC and its personnel in the defense of any claim, action or suit.
8. The cost of any and all rework and/or restoration of damaged properties due to Contractor's poor workmanship or negligence shall be borne by the Contractor.
9. The Contractor must comply with all standard health and safety requirements to include, among others, the use of personal protective equipment, the installation of safety signage, proper ID and observe company rules and regulations on safety and security.
10. The work shall be executed in the best and thorough manner throughout the project timeline to the satisfaction of PNOC, as represented by its engineers and supervisors who

will jointly interpret the meaning of the scope of work and its conditions and shall have the power to reject any work, method of accomplishing every part of work and materials used which in their judgment are not fully in accordance with the specifications and/or description as provided in the scope of work and are deemed to be disadvantageous to PNOC.

11. The Contractor shall be liable for all direct and consequential damages arising out of failure to perform the work in accordance with the schedule and with terms and conditions of the contract documents.
12. The Base operations shall be given priority on the phasing of works. The Contractor should therefore coordinate with the PNOC ESB representative and/or Duty Supervisor regarding the scheduling and phasing of works so as not to interrupt the Base operations during project implementation.

### **C. Site Possession**

1. The CONTRACTOR confirms that he has inspected the site where the work will be performed that he is fully aware of the conditions which might affect the nature, extent and cost of the work required; that PNOC shall in no way be responsible for any cost or expenses which may be incurred on account of failure of the CONTRACTOR to make an accurate examination of present and future factors that may affect the cost of execution.
2. The Contractor shall be liable for all direct and consequential damages arising out of failure to perform the work in accordance with the schedule and with terms and conditions of the contract documents.

### **VIII. COMPLETION OF WORK:**

- § Work should be completed within thirty (30) calendar days reckoned from the date of receipt of the Notice to Proceed (NTP).

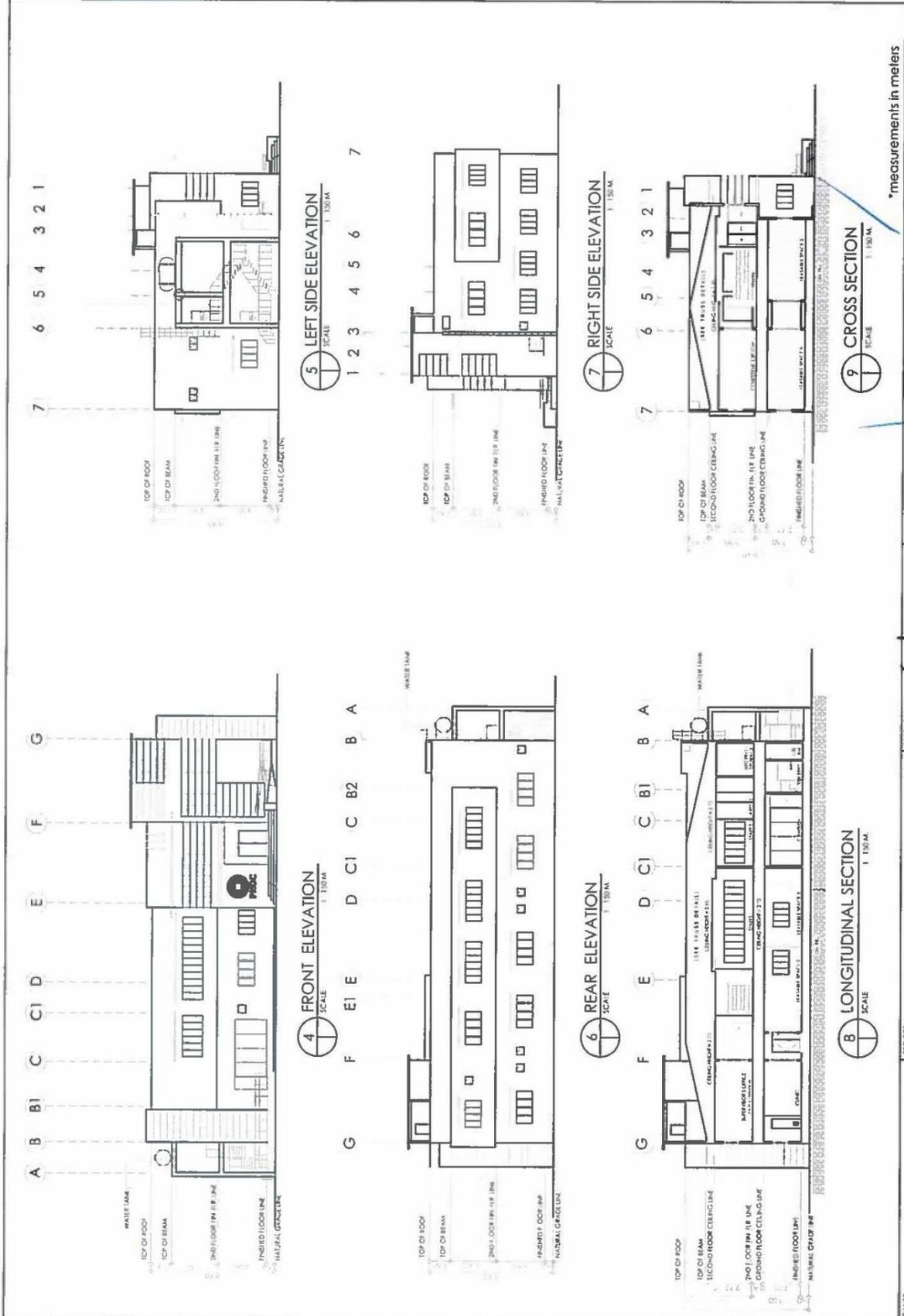
### **IX. WARRANTY PROVISIONS:**

- § The warranty on materials supplied and workmanship shall be One (1) year reckoned from the date of final turnover and PNOC acceptance.

### **X. PROJECT LOCATION:**

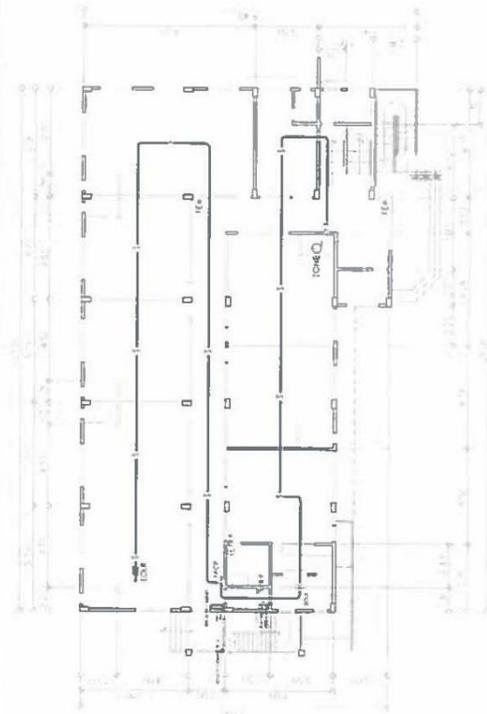
- § PNOC Energy Supply Base, Bgy. Mainaga, Mabini, Batangas



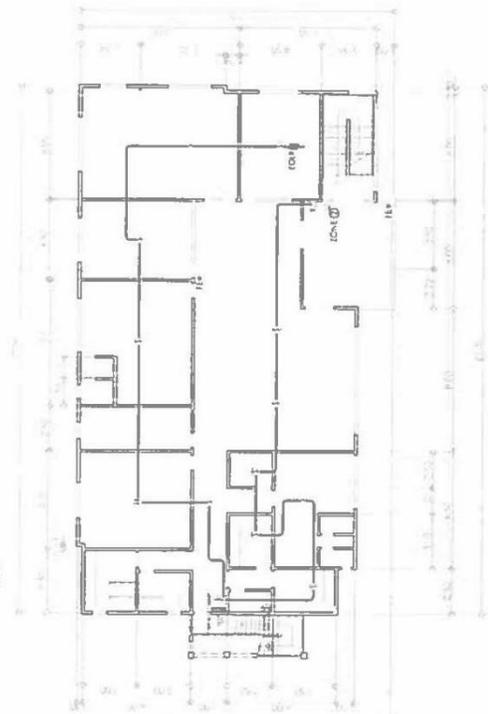


DRAWING NAME <b>ANNEX A</b>	SHEET NO. <b>23</b>
	DATE <b>08 JUNE 2021</b>
APPROVED BY  CARLOS B. PINA ESB ARCHITECT/PROJ	CHECKED BY  NIVALDO CASARÍN ESB ARCHITECT/PROJ
PREPARED BY  ERICK BALBOA ESB ARCHITECT/PROJ	PROJECT <b>REPAIR AND REHABILITATION OF FIRE DETECTION AND ALARM SYSTEM AT 139 ADRIAN BUILDING</b>
LOCATION <b>BCT, HABACUA, HABRA BANCAS</b>	PROJECT <b>PNOO ENERGY SUPPLY BASE</b> <small>PNOO Energy &amp; Supply Center - 139 Adrian Building - Ciudad Qz.</small> <small>139 ADRIAN BLDG. - HABACUA - HABRA BANCAS - PNOO CENTER</small>

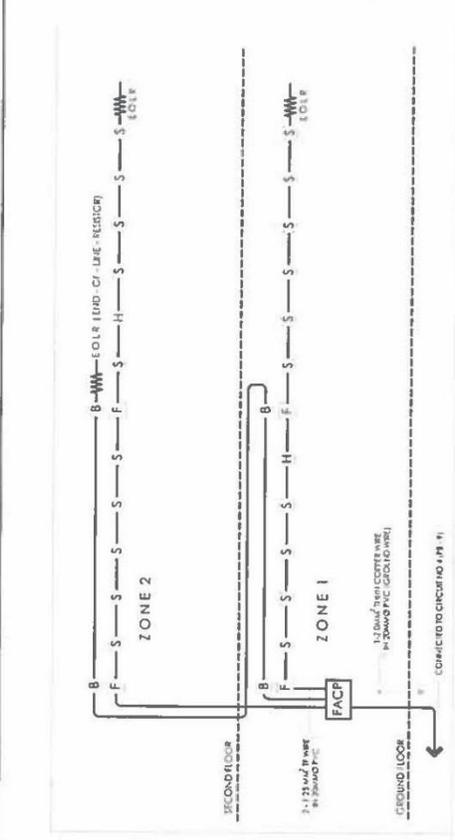
\*measurements in meters



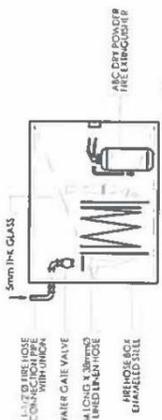
10 GROUND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT  
SCALE 1:150/M



11 SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT  
SCALE 1:150/M



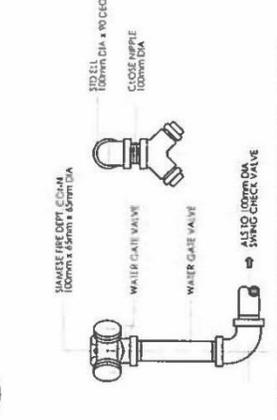
12 FIRE DETECTION AND ALARM SYSTEM RISER DIAGRAM  
SCALE N.T.S.



13 FIRE HOSE/EXTINGUISHER CABINET DETAILS  
SCALE N.T.S.



14 ELEVATION  
SCALE N.T.S.



15 SIAMESE FIRE DEPT. CONN. DETAIL  
SCALE N.T.S.



16 SIAMESE CONN. ISOMETRIC LAYOUT  
SCALE 1:100/M

FIRE DETECTION AND ALARM SYMBOLS

S	SIAMESE FIRE DEPT. CONNECTION
H	WATER GATE VALVE
F	FIRE HOSE CONNECTION
FCP	FIRE CONTROL PANEL
...	...

OWNER: <b>PHOC</b>	PROJECT: REPAIR AND REHABILITATION OF FIRE DETECTION AND ALARM SYSTEM AT ESR ADAM BUILDING	APPROVED BY: <i>[Signature]</i> CARLITO B. PERA ESR ADMINSTRATOR PHOC	SHEET NO: <b>3</b>
	LOCATION: BPT, AUBANG, MALINGA	CHECKED BY: <i>[Signature]</i> NINA C. CALA... ESR ADMINSTRATOR PHOC	DATE: 08 JUNE 2021
PHOC Energy Supply Base PHOC Energy Supply Base PHOC Energy Supply Base	PREPARED BY: <i>[Signature]</i> ALDO... ESR ADMINSTRATOR PHOC	*measurements in meters	

#	Item Description	Qty	Amount
1	Repair and Rehabilitation of Fire Detection Alarm System at Admin Building	1 lot	P

<b>Amount in Words</b>	
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### TERMS AND CONDITIONS

1. All entries shall be typed or written in a clear legible manner.
2. Bidder shall offer one (1) bid only. Alternative bids shall be rejected.
3. All prices offered herein are valid, binding and effective for THIRTY (30) calendar days upon issuance of this document.
4. As a general rule, price quotations to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.
5. In case of tie quotations, pricing shall be on draw lots or toss coin.
6. In case supplier pro forma quotation is submitted, conditions will be governed by the submitted signed Terms of Reference / Technical Specifications Sheet.

We undertake, if our Proposal is accepted, to supply the goods/services in accordance with the specifications and/or delivery schedule.

We agree to abide by this quotation/proposal for a period of thirty (30) calendar days, which is the validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a Contract or Purchase Order is executed, this Quotation/Proposal shall be binding upon us. We understand that you are bound to accept the lowest or any Proposal you may receive.

Signature over Printed Name : \_\_\_\_\_

Designation/Position : \_\_\_\_\_

Name of Organization : \_\_\_\_\_

Organization Address : \_\_\_\_\_

Tel No. / Mobile No. and Email Address : \_\_\_\_\_