Mactan Economic Zone
Lapu-Lapu City

PROJECT TITLE : PROPOSED FIRE PROTECTION SYSTEM AT SFB1

LOCATION : LOT # 141, 1ST ST., SFB 1 , MACTAN ECONOMIC ZONE, BRGY.IBO, LAPU-LAPU CITY

APPROVED BUDGET OF CONTRACT : PHP 5,494,592.14

I. BACKGROUND

The PEZA through the approved allocation of its Corporate Operating Budget (COB) for C.Y 2024 intends to apply the sum of **Five Million Four Hundred Ninety-Four Thousand Five Hundred Ninety Two Peso and Fourteen Centavos only (PHP 5,494,592.14)** for project "Proposed Fire Protection System at SFB 1" through the guidelines as per R.A 9184 and its Implementing Rules and Regulations.

II. GENERAL REQUIREMENTS

A. SCOPE

The CONTRACTOR will provide technical supervision, skilled personnel, tools, equipment and suitable highest quality materials within the specified period to complete the project "Proposed Fire Protection System at SFB 1" at MEZ 1, Brgy. Ibo, Lapu-Lapu City.

1. MOBILIZATION / DEMOBILIZATION

The contractor must have the necessary experience and expertise in the mobilization/demobilization of heavy equipment's used in the project.

Mobilization shall include transportation to the site of contractor's plant, materials, equipment, workers and furnishings and temporary facilities.

Demobilization shall include hauling and disposal of construction debris/excess materials, removal from the site of contractor's equipment and all temporary facilities. Demobilization also includes clean-up of the site after completion of the contract work.

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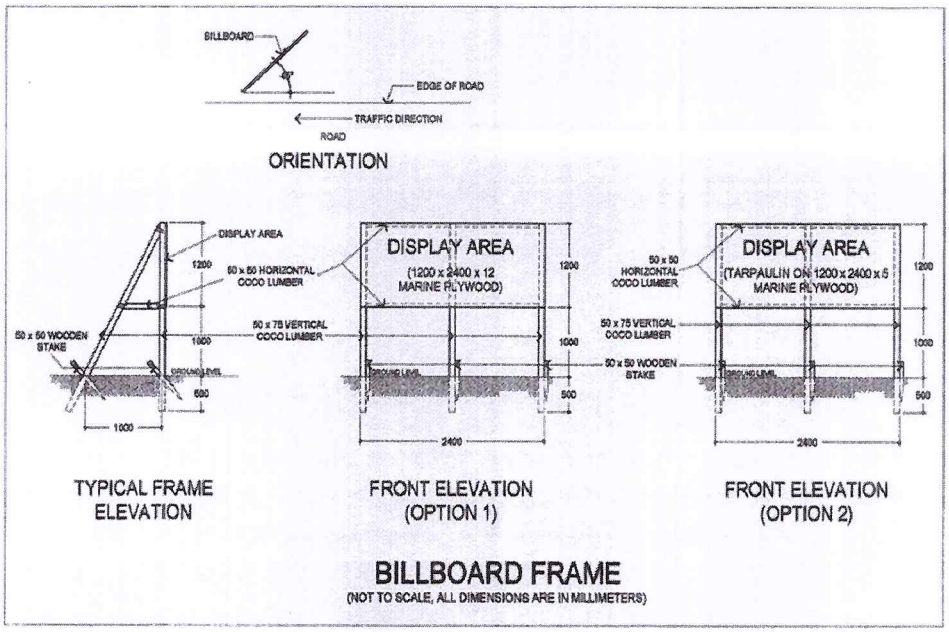
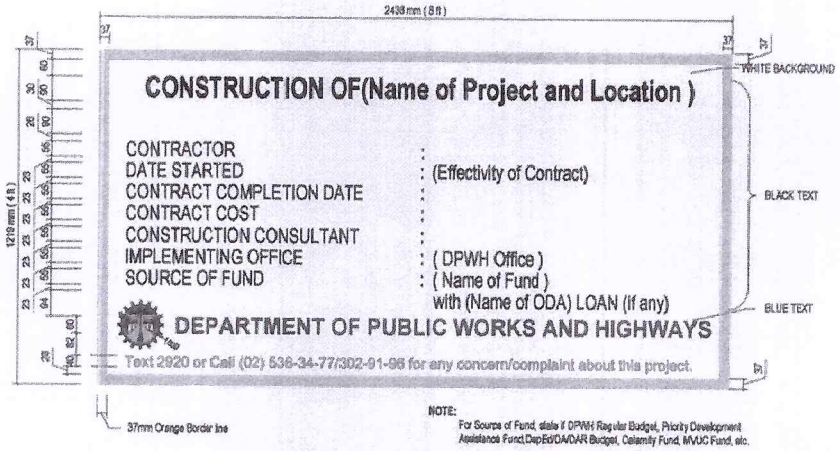
2. PROJECT BILLBOARD

The CONTRACTOR shall install as per required, standard billboard size of (1200mm x 2400mm/4ft. 8ft.) and shall be strictly enforced. Project billboard shall be installed for government information projects to notify the public of the implementation of the project and to advise the road users of the on-going construction.





DPWH STANDARD PROJECT BILLBOARD

PEZA Name and Logo

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3. CONSTRUCTION SAFETY & HEALTH and TRAFFIC MANAGEMENT

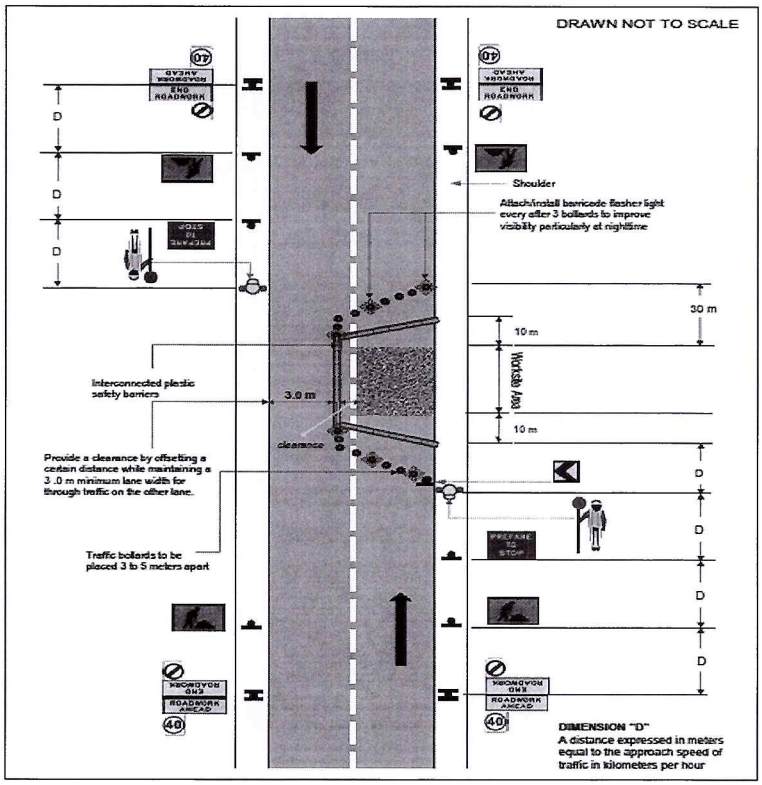
The CONTRACTOR shall submit appropriate Construction Safety and Health Program (CSHP) in accordance with DOLE D.O. no. 13, series of 1998. The proposed CSHP shall be approved by DOLE-BWC and shall submit a copy to the Authority.

The CONTRACTOR shall provide appropriate personal protective equipment (PPE). For general construction work, the required PPE for all workers but not limited to, shall be safety helmet, safety gloves, safety shoes, safety vests, and protective shields and barriers whenever necessary by reason of the hazardous work process or environment.

Provide safety and warning signages. These will be posted in prominent positions at strategic location visible as far as possible.

The CONTRACTOR is responsible in the implementation of the traffic management procedures to ensure the safety of the road workers, road users, and manage potential hazards associated with the traffic environment during the project, if any.

LAYOUT 7 (Case 1) – Part Lane Closure – 2 Lane, 2 Way Road, High Speed, Long Term



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4. FIRE PROTECTION WORKS

The fire pump, jockey pump, fire hose cabinet, Siamese connection , pipes and fittings, pipe hangers and other components and installations shall conform with latest NFPA standard, RA 9514 Fire Code of the Philippines, and other equivalent standard or international standard.

A provision or preparation pipeline for sprinkler system will be incorporated, allowing tenants to connect or tap for installation, where applicable.

All materials and equipment or components/ accessories be used in this project shall be new and approved type for both location and purpose they intended.

Waterproofing of the existing Fire Tank is necessary.

All items specification reflected in the plans shall be followed.

All mechanical installations shall be done under the direct supervision of a Duly licensed Mechanical Engineer or PME.

5. ELECTRICAL WORKS

All electrical installations shall conform with the Latest edition of the Phil. Electrical Code, rules and regulations of Local and National Authority concerned in the enforcement of the Electrical Laws, Municipal Ordinances and Government agencies having jurisdiction over the Project.

All electrical materials and equipment be used in this project shall be new and approved type for both location and purpose they intended.

All electrical installations shall be done under the direct supervision of a Duly licensed Electrical Engineer or Master Electrician.

II. STANDARD OF WORKMANSHIP, MATERIALS AND PERFORMANCE

The CONTRACTOR shall assign and execute all works accordingly and workmanlike manner and shall do all necessary works whether it's clearly specified in these specifications.

All Material shall be the standard product of reputable manufacturer and shall bear the name of the manufacturer.

All materials shall be subject to inspection and approval of the PEZA personnel in-charge. All the materials and equipment installed without prior approval of PEZA personnel in-charge shall be at the risk of rejection.

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III. SITE PREPARATION

A. SITE PREPARATION

1. All existing structures and obstructions shall be removed and hauled outside MEZ.

2. Use every possible precaution to prevent damage to existing conditions to remain such as structures, utilities, walks on or adjacent to the site of the Work.

3. Provide barricades, fences, or other barriers to protect existing conditions to remain from damage during construction.

4. Restoration of affected structures shall also be included in the project.

IV. PUNCH LIST, CLEANING, CLEARING AND TURN-OVER

1. Correct all noted punch lists, defects and/or needed replacements identified and observed.
2. Restore to its original condition any facilities and fixtures that has been damaged arising during implementation, if any.
3. Clean, clearing of the area, and hauling and disposal of debris properly before turn-over.
4. Demobilize and turn-over the entire project for acceptance of MEZ or its authorized representative.

V. WARRANTY

1. The CONTRACTOR shall guarantee the work done to be free from defects for a period of one (1) year. Form of warranty shall be in accordance with the provisions in Section 62 of the Revised Implementing Rules and Regulations (IRR) of R.A. 9184.

VI. RESPONSIBILITIES OF THE CONTRACTOR

1. The principal features of the work do not in any way limit the responsibilities of the CONTRACTOR to the general description of his/her scope of work. He/she shall perform all the work fully and make operational to the intent of the project.

2. The CONTRACTOR warrants that it is authorized to engage in and perform the Works; that it has inspected all relevant documents, and has informed itself fully as to the conditions which might affect the nature, extent, and the cost of the Works; that it has sufficient operating capital to perform and complete the Works; that it has sufficient and adequate equipment, parts, labor and materials that may be needed in the performance thereof; that it has the required knowledge,

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experience, skill and professional competence to undertake the same; and that it has experienced, skilled, and professionally equipped personnel to be assigned for this purpose.

3. The CONTRACTOR warrants that the method or process it will follow for the Works is the one that will best accomplish the desired results under the existing state of technology; that all materials it will supply or use shall be the best available or obtainable in accordance with the approved Contract and the instructions of the PEZA.

4. The CONTRACTOR shall be responsible for the proper execution and coordination of his/her work. He/she shall schedule and program all necessary work activities according to the specified completion period.

5. The CONTRACTOR shall observe the required standards of safety and procedures and that its contract and workers shall be properly insured against all risks. He/she shall provide/equip its workers with Personal Protective Equipment (PPE) during the course of construction/installation. He/she shall observe the Philippine Economic Zone Authority (PEZA) regulations to be issued together with the Work Permit.

6. The CONTRACTOR shall be responsible for securing PEZA issued work permits and compliance with other PEZA rules and regulations related to the construction works. All workers/engineers working at site are required to wear company uniforms indicating their company name.

7. The CONTRACTOR is not allowed to erect quarters for workers within PEZA premises; sleeping is also not allowed. CONTRACTOR's workers are limited to the designated working area only. Loitering around and inside the PEZA premises is not allowed.

8. The CONTRACTOR shall be responsible for clearing and cleaning of the designated project site of unused materials, left over and other debris at the site and disposal of the same outside of the PEZA premises. A daily inspection of the work area shall be conducted by the CONTRACTOR and PEZA or its authorized representative to ensure that the working area is clean and in order at all times.

9. The CONTRACTOR shall protect adjacent areas against any damage by his/her employees, or by his/her materials, equipment and tools during the execution of the work. Any damage done by him/her or his/her employees shall be repaired at his own expense, without additional compensation beyond the contract.

10. Permits, Laws, Ordinances and Standards – the installation provided for and specified herein shall comply with laws and regulations of the local government unit and any government agency having jurisdiction. All necessary permits and other requirements such as As-built plans, permit application, but not limited to, shall be secured and for the account of the CONTRACTOR. Said requirements shall be turned-over to PEZA upon project completion.

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11. The CONTRACTOR shall assign a fulltime Project In-Charge (PIC)/Supervisor for the project to supervise the works mentioned herein. Said PIC/Supervisor must be the one to report on a weekly/monthly basis of the status/progress of the project as agreed during the kick-off meeting and who shall the one responsible for all coordination works with the PEZA or its authorized representative.

12. All other items of work not specifically mentioned but are necessary to complete the works in accordance with the plans and specifications and other related documents shall be provided by the CONTRACTOR at no additional cost to the PEZA.

VII. SUBMITTALS

1. Before commencing any work or providing any materials at the jobsite for this project, the CONTRACTOR shall submit samples, project Bar Chart/S-Curve and PERT/CPM Network Diagram for the PEZA's approval within five (5) calendar days upon receipt of Notice to Proceed.

2. The CONTRACTOR shall submit to PEZA, the proposed delivery of materials, tools and equipment, and manpower schedules for proper monitoring five (5) calendar days upon receipt of Notice to Proceed.

3. The CONTRACTOR shall submit samples and/or technical brochures of all materials to be used in the project within five (5) calendar days upon receipt of Notice to Proceed which include but may not be limited to the following for PEZA's approval: a. Material list/brochures with technical specifications, b. Manufacturer's printed product installation instructions.

4. The CONTRACTOR is required to have a suitable Construction Safety and Health Program, which must be in accordance with Occupation Safety and Health (OSH) Standard, rules and issuances by the DOLE within five (5) calendar days upon receipt of Notice to Proceed. The program shall state the following:

i. Composition of Construction Safety and Health Committee.
ii. Specific safety policies which the CONTRACTOR shall observe at the area of construction which include but not limited to Fall Protection, Chemical Hazards, and Materials Handling and Storage.
iii. Penalties and sanctions for violations of the program.
iii. The manner of disposing waste arising from the construction.
v. The safety program shall also include the appointment of a full-time safety officer-in-charge of the implementation of the said program.

VIII. PEZA's RESPONSIBILITIES

1. The Engineering and Maintenance Division (EMD) shall be the main responsible unit in monitoring the implementation of the Works in accordance with the conditions of the Contract.

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2. The PEZA shall constitute an Inspectorate Team which shall be responsible in assisting the EMD in recommending appropriate measures and improvements, when necessary, as well as to make preliminary inspection, submit a punch-list to the contractor and recommend the acceptance of the project for the approval of the concerned PEZA official.

3. Pay the contractor for the supply of materials, labor and equipment for the project "PROPOSED FIRE PROTECTION SYSTEM AT SFB1".

IX. PAYMENT SCHEDULE

1. The PEZA shall, upon a written request by the Contractor, allow an advance payment/mobilization fee in the amount not to exceed fifteen percent (15%) of the total contract price. The fee shall be paid only upon the submission to and acceptance by the PEZA of an irrevocable standby letter of credit of equivalent value from an accredited financial institution or a surety bond callable upon demand, issued by a surety or insurance company duly licensed by the Insurance Commission and confirmed by the PEZA.

2. The Contractor may submit a request for progress payment for every 50%, 75% and 100% work accomplishment. Progress payments maybe paid by the PEZA to the contractor upon Certification issued by the PEZA.

3. Progress payment shall be adjusted by deducting the amount in the recoupment of the advance payment, and additional retention money amounting to 15% and 10 % of the progress billing respectively.

4. The total "retention money" shall be due for release upon the request of the Contractor for the substitution of the retention money with an irrevocable letter of credit or surety bond callable on demand and upon issuance of the Certificate of Inspection and Acceptance by the PEZA.

X. PROJECT DURATION

1. The project duration covering the proposed fire protection system at SFB 1 works shall be for a period of **ninety (90) calendar days** from the issuance of Notice to Proceed (NTP).

2. The CONTRACTOR's proposed Work Plan shown in Gantt Chart, which is a mandatory part of the Technical Proposal, should provide a more detailed schedule of activities. Unless approved in writing by PEZA on the written request of the CONTRACTOR, the coverage - from mobilization to demobilization, should not extend beyond the derivable dates as indicated here below.

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Work Clusters	Nth Cal-days from Contractor's Date of Issuance of Notice-to-Proceed	
	Start	Finish
1. Notice to Proceed	1st	1st
2. Mobilization of construction materials and consumables; deployment of personnel and equipment; secure necessary permits; provision of safety signage's and paraphernalia; and, submission of shop drawings and project bar cart/ S-Curve and PERT/CPM for MEZ's approval prior to project implementation	2nd	5th
3. Fire protection system at SFB 1 works	6th	83rd
4. Punch-listing, Rectification of Punch-list items, Cleaning, Restoration of all affected facilities/areas/landscape, and other related fixtures due to works, and Project turn-over	84th	90th

JOSEPHUS D. CANDO
ESO II / PME

IAN PAUL N. RAZO
ESO II / Mechanical Engineer

PHILIP ANGELO R. CUSTODIO
ESO III / Mechanical Engineer

LOUIE EVANS E. ESOTO
DIVISION CHIEF II, EMD

ARNEL M. SUYU
ZM/OIC-DM, OPERATIONS

EMMANUEL D. CORTERO
ZONE ADMINISTRATOR, MEZ

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