

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Government of the Republic of the Philippines

Bid Reference. No. 2022-52

**BFAR MAIN BUILDING ANCILLARY SYSTEM
MODERNIZATION**

| PR No. | Lot no. | <u>End-User</u> | Approved Budget for the Contract (ABC) |
|-----------------------|----------------|----------------------------|---|
| 22-09- 922 | 1 | Engr. Marnel Carpio | Php 41,454,362.68 |

**Sixth Edition July
2020**

TABLE OF CONTENTS

| | |
|--|-----------|
| Glossary of Terms, Abbreviations, and Acronyms..... | 5 |
| Section I. Invitation to Bid | 8 |
| Section II. Instructions to Bidders..... | 11 |
| 1. Scope of Bid | 12 |
| 2. Funding Information..... | 12 |
| 3. Bidding Requirements | 12 |
| 4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices | 13 |
| 5. Eligible Bidders..... | 13 |

| | | |
|--|--|-----------|
| 6. | Origin of Associated Goods..... | 13 |
| 7. | Subcontracts | 13 |
| 8. | Pre-Bid Conference | 14 |
| 9. | Clarification and Amendment of Bidding Documents | 14 |
| 10. | Documents Comprising the Bid: Eligibility and Technical Components | 14 |
| 11. | Documents Comprising the Bid: Financial Component | 15 |
| 12. | Alternative Bids | 15 |
| 13. | Bid Prices..... | 15 |
| 14. | Bid and Payment Currencies | 16 |
| 15. | Bid Security | 16 |
| 16. | Sealing and Marking of Bids..... | 16 |
| 17. | Deadline for Submission of Bids | 16 |
| 18. | Opening and Preliminary Examination of Bids | 17 |
| 19. | Detailed Evaluation and Comparison of Bids..... | 17 |
| 20. | Post Qualification | 17 |
| 21. | Signing of the Contract..... | 17 |
| Section III. Bid Data Sheet | | 19 |
| Section IV. General Conditions of Contract..... | | 21 |
| 1. | Scope of Contract | 22 |
| 2. | Sectional Completion of Works | 22 |
| 3. | Possession of Site | 22 |
| 4. | The Contractor's Obligations..... | 22 |
| 5. | Performance Security | 23 |
| 6. | Site Investigation Reports | 23 |
| 7. | Warranty | 23 |
| 8. | Liability of the Contractor..... | 23 |
| 9. | Termination for Other Causes..... | 23 |
| 10. | Dayworks | 24 |
| 11. | Program of Work..... | 24 |
| 12. | Instructions, Inspections and Audits..... | 24 |
| 13. | Advance Payment..... | 24 |
| 14. | Progress Payments | 24 |
| 15. | Operating and Maintenance Manuals..... | 25 |
| Section V. Special Conditions of Contract | | 26 |

| | |
|---|-----------|
| Section VI. Specifications | 29 |
| Section VII. Drawings | 31 |
| Section VIII. Bill of Quantities | 32 |
| Section IX. Checklist of Technical and Financial Documents | 34 |

Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to:

(i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

| | | | | |
|------------|---|----------|-------|--------|
| CPI | – | Consumer | Price | Index. |
|------------|---|----------|-------|--------|

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

Foreign-funded Procurement or Foreign-Assisted Project – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described,

detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.



Republic of the Philippines
Department of Agriculture

Bureau of Fisheries and Aquatic Resources

BIDS AND AWARDS COMMITTEE OFFICE

2/F BFAR Bldg., Bureau of Plant Industry Compound, Visayas Avenue, Diliman, Quezon City, Philippines 1101

Tel. No.: +02. 332. 4661 website: www.bfar.da.gov.ph e-mail: bac.eps@bfar.da.gov.ph

INVITATION TO BID FOR:

BID REFERENCE NO. 2022-52

**BFAR MAIN BUILDING ANCILLARY SYSTEM
MODERNIZATION**

1. The Department of Agriculture - Bureau of Fisheries and Aquatic Resources (DA-BFAR), through the 2022 General Appropriations Act intends to apply the sum of **FORTY-ONE MILLION FOUR HUNDRED FIFTY-FOUR THOUSAND THREE HUNDRED SIXTY-TWO AND 68/100 (Php 41,454,362.68)** being the ABC to payment under the contract for **Bid Reference No. 2022-52** entitled "**BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION**".
2. Bids received in excess of the ABC shall be automatically rejected at bid opening.

| PR No. | Lot no. | Description | Approved Budget for the Contract (ABC) (Php) | Bidding Documents Fee (Php) |
|-----------|---------|---|--|-----------------------------|
| 22-09-922 | 1 | BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION | Php 41,454,362.68 | Php 50,000,000.00 |
| | | TOTAL | Php 41,454,362.68 | Php 50,000,000.00 |

3. The DA-BFAR now invites bids for the above Procurement Project. Completion of the Works is required within **TWO HUNDRED FORTY (240)** calendar days upon receipt of the Notice to Proceed. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
4. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
5. Prospective Bidders may obtain further information from the BFAR BAC Secretariat through electronic mailing address given below, and inspect of the Bidding Documents at www.bfar.da.gov.ph.

6. A complete set of Bidding Documents may be acquired by interested Bidders at 2nd Floor – BAC Office, Fisheries Building Complex, BPI Compound, Brgy. Vasra, Visayas Avenue, Quezon City and/or through electronic means and upon payment of a non-refundable fee for the Bidding Documents in the amount stated above. The Procuring Entity shall allow the bidder to present its proof of payment for the fees by in person, or through electronic means.
7. The DA-BFAR will hold a Pre-Bid Conference¹ through a video conference call using Zoom application on **September 16, 2022 (Friday) at 10:00 am** which shall be open to prospective bidders who have successfully completed registration one (1) calendar day prior to the pre-bid conference using Google Form which can be accessed here:
https://docs.google.com/forms/d/1oFI932xHkW4KAnso6bbet064YdVzA8M11q6gnYG3_9w/edit
8. Bids must be duly received by the BAC Secretariat through the options given below and as indicated in Section III - Bidding Data Sheet, ITB Clause 15 of this bidding documents, on or before **September 28, 2022 (Wednesday) at 09:30 am**.
 - (i) manual submission at the office address: 2/F BFAR Bldg., BAC Office, Bureau of Plant Industry Compound, Visayas Ave., Diliman, Q.C.;
 - (ii) both (manual and electronic submission at bac.eps@bfar.da.gov.ph via BFAR Online bidding procedure);
9. Bids must be duly received by the BAC Secretariat through electronic submission in accordance with the BFAR BAC procedure for online bidding stated in Annex A simultaneously with the submission of the printed copies as indicated in the BDS Clause 15. The deadline of manual submission and receipt of bids is on **September 28, 2022 (Wednesday) at 09:30 am**. at the 2/F BFAR Bldg., BAC Office, Bureau of Plant Industry Compound, Visayas Ave., Diliman, Q.C while the electronic documents shall be submitted at the bac.eps@bfar.da.gov.ph
10. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 15.
11. Bid opening shall be held through a video conference call using Zoom application on **September 28, 2022 (Wednesday) at 10:00 am**. Bids will be opened in accordance with the BFAR BAC procedure for online bidding stated in Annex A. Late bids shall not be accepted.
12. Bidders are advised to submit their bids in accordance with the BFAR BAC procedure for online bidding as well as for the printed copies as provided under ITB Clause 10 and Clause 11.

After the opening and evaluation of bids, the BAC, its staff and personnel, Secretariat and Technical Working Group (TWG), as well as Observers are prohibited from making or accepting any communication with any bidder

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

regarding the evaluation of their bids until issuance of Notice of Award (NOA). However, the BAC, through its Secretariat, may ask in writing the bidder for clarification of its request in writing. All responses to requests for clarification shall be in writing.

13. The DA-BFAR reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
14. For further information, please refer to:

BFAR-BAC Secretariat

Address: 2nd Floor – BAC Office, Fisheries Building Complex, BPI Compound, Brgy. Vasra, Visayas Avenue, Quezon City

Email: bac.eps@bfar.da.gov.ph

Telephone number: 09988665159/ 09165188121

Website address: www.bfar.da.gov.ph

15. You may visit the following websites:

For downloading of Bidding Documents: www.bfar.da.gov.ph

Issued this 7th day of September 2022

ORIGINAL SIGNED

MR. NAPOLEON SALVADOR LAMARCA JR.

BAC Vice-Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The DA-BFAR wishes to receive Bids for the **BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION** with identification number **2022-52**.

The Procurement Project (referred to herein as “Project”) is composed of One (1) Lot, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for FY 2022 in the amount of **FORTY-ONE MILLION FOUR HUNDRED FIFTY-FOUR THOUSAND THREE HUNDRED SIXTY-TWO AND 68/100 (Php 41,454,362.68)**.

2.2. The source of funding is General Appropriations Act FY 2022.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions

for this Project, such as the location and the nature of the work; (a) climatic conditions; (b) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA’s CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be “similar” to the contract to be bid if it has the major categories of work stated in the **BDS**.

5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that:

a. Subcontracting is not allowed.

7.1. The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

7.2. The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project through a video conference call using Zoom application on **September 16, 2022 (Friday) at 10:00 am** which shall be open to prospective bidders who have successfully completed registration one (1) calendar day prior to the pre-bid conference using Google Form as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.

- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

14.2. Payment of the contract price shall be made in Philippine Pesos.

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

15.2. The Bid and bid security shall be valid until **January 26, 2023**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

Each Bidder shall submit one (1) original and two (2) printed copies of the first and second components of its Bid. Each Bidder shall submit bids in accordance with Section III – Bid Data Sheet, ITB Clause. 15

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and either at its physical address or through online submission on **September 28, 2022 (Wednesday) at 09:30 am** as indicated in paragraph 7 of the **IB**.

18. Opening and Preliminary Examination of Bids

18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

18.2. The preliminary examination of Bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.

19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Bid Data Sheet

Bid Data Sheet

| ITB Clause | | | | | | | | | |
|------------|--|--------------------------|---------|--------------------------|---------|--|--|--|--|
| 5.2 | <p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <ul style="list-style-type: none">• Lot 1 – The bidder must have completed an ancillary project that includes Supply, Delivery and/or Maintenance of Building Management System, Data Center and Cabling System within the last five (5) years.• Completed within years (5) years prior to the deadline for the submission and receipt of bids.• For aggregate contracts <p>If, at the outset and after conducting market research, the Procuring Entity can already determine that imposing the same will likely result to: (a) failure of bidding, or (b) monopoly that will defeat the purpose of competitive bidding, the Procuring Entity, in lieu of the above, may require the following:</p> <p>a) The prospective bidder should have completed at least two (2) similar contracts and the aggregate contract amounts should be equivalent to at least the percentage of the ABC as required above; and</p> <p>b) The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.</p> <p>For this purpose, the similar contracts mentioned under (a) and (b) above must have been completed within the period specified in the Invitation to Bid. The Procuring Entity may clarify in the Bidding Documents the definition or description of what it considers to be a similar project..</p> | | | | | | | | |
| 7.1 | Subcontracting is not allowed. | | | | | | | | |
| 10.3 | <p>The Contractor must have valid Contractor’s License issued by PCAB in all the following classifications:</p> <ul style="list-style-type: none">▪ General Building▪ Communication facilities▪ Electrical Work | | | | | | | | |
| 10.4 | <p>The key personnel must meet the required minimum years of experience set below:</p> <p><u>Key Personnel Requirement</u></p> <table><tr><th>Expertise</th><th>No.</th><th>Min. Years of Experience</th><th>Remarks</th></tr><tr><td></td><td></td><td></td><td></td></tr></table> | Expertise | No. | Min. Years of Experience | Remarks | | | | |
| Expertise | No. | Min. Years of Experience | Remarks | | | | | | |
| | | | | | | | | | |

| | | | | |
|------|---|---|--------------------------|--|
| | Project Manager | 1 | at least five (5) years' | Must be a regular employee for at least five years. Must have project management training; must be trained in premises cabling system design, and installation by an Original Equipment Manufacturer (OEM); must be trained in Total Building Integration Cabling and Project Management; Must be trained in Wireless LAN. |
| | Facilities Engineer or Safety Engineer | 1 | at least five (5) years | with at least 5 years' experience and completed the prescribed course in Occupational Safety and Health as required by DOLE. |
| | <p>1. The contractor must have Sustaining Technical Employee (STE) on its roster of employees registered with DTI-PCAB under the name of the bidder:</p> <ul style="list-style-type: none"> ▪ Civil Engineer (CE) ▪ Electrical Engineer (EE) ▪ Electronics and Communications Engineer (ECE) ▪ Mechanical Engineer (ME) <p>2. One (1) Certified Data Center Professional with the following qualifications:</p> <ul style="list-style-type: none"> • Regular employee for at least 5 years • Trained in major Data center components such as UPS, PACU, CCTV, Fire suppression <p>3. One (1) Technical Engineer</p> <ul style="list-style-type: none"> • Must be a regular employee for at least five (5) years • Must be a licensed Electronics and Communication Engineer (ECE) • Certified in Network and System Engineer • Must have at least two (2) years' experience in the installation and maintenance of BMS. <p>4. One (1) Senior Network Security Manager</p> <ul style="list-style-type: none"> • Must be a regular employee for at least five (5) years • Must be a certified Information Security Manager (CISM) • Must have at least two (2) years' experience in the installation and maintenance of BMS. | | | |
| 10.5 | No further instructions. | | | |
| 12 | No further instructions. | | | |

| | |
|------|--|
| 15.1 | <p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <p>a The amount of not less than <i>two percent (2%) of ABC</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; Lot 1 – Php 829,087.25</p> <p>b The amount of not less than <i>five percent (5%) of ABC</i> if bid security is in Surety Bond. Lot 1 – Php 2,072,718.13</p> |
| 16 | <p>Guidelines on the Sealing and Marking</p> <p>A. Participating bidders/suppliers may submit their bidding documents through either of the following forms:</p> <p>1. Hardcopy/ physical document</p> <ul style="list-style-type: none"> Submitted directly thru the Bids and Awards Committee (BAC) Office, at the following address: <p><i>Bids and Awards Committee (BAC) Office</i> <i>Bureau of Fisheries and Aquatic Resources</i> <i>2nd floor Fisheries Building Complex, BPI Compd., Brgy. Vasra, Q.C.</i></p> <p>Note: If the participating bidders/suppliers only submits a hardcopy of the document, and the same is discovered to be damaged or the entries thereof are not readable during the opening thereof, said participating bidders/suppliers loses his privilege to participate in the bidding.</p> <p>2. Electronic and hardcopy</p> <ul style="list-style-type: none"> The hardcopy/ physical document shall be scanned and encrypted with password (refer to Annexes - BFAR Online bidding for the procedure). The scanned document will be sent via email at: <i>bac.eps@bfar.da.gov.ph</i> Bidders/suppliers may opt to submit both electronic and hardcopy in compliance with the abovementioned details. <p>Note: In case the electronic copy is discovered to be corrupted during opening, the back-up hardcopy will be opened as alternative option. However, in the event that both electronic copy and hardcopy are corrupted and/or not readable participating bidders/suppliers loses his privilege to participate in the bidding.</p> |

FORMAT FOR LABELLING OF BID ENVELOPE

ATTY. DEMOSTHENES R. ESCOTO
Chairperson
Bids and Awards Committee
3/F PCA Building, Elliptical Road
Diliman, Quezon City

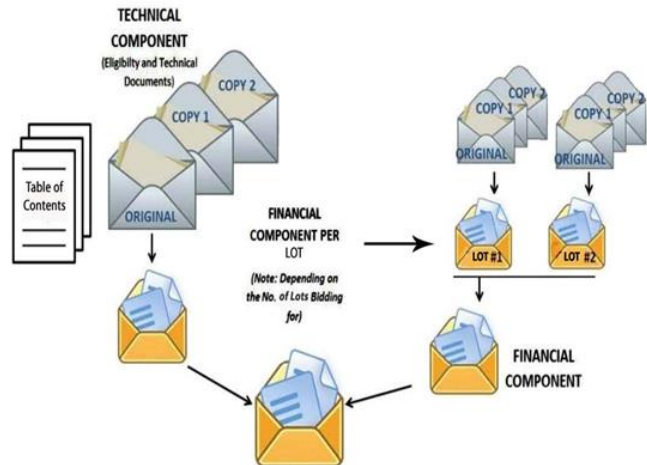
Bid for:
Bid Ref. No.: _____
Project Title: _____

Submitted by:
• BIDDER'S COMPANY NAME
• BIDDER'S CONTACT DETAILS

DO NOT OPEN BEFORE:

SEALING AND MARKING OF BIDS

(for each component)



A. LABELLING AND MARKING INSTRUCTIONS FOR THE SUBMISSION OF HARD COPIES.

1. Main envelope shall:

- bear address to the Procuring Entity's BAC;
- bear the specific identification/Bid ref. no. of this bidding;
- contain the name of the contract/Project Title to be bid;
- bear the Company name, address and contact details of the Bidder;
- bear a warning "DO NOT OPEN BEFORE (the date and time of opening of Bids)."

2. Bidders shall enclose the First component (Eligibility and Technical documents) and Second components (Financial documents) of their bid.

3. Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid.

4. The inner envelopes of the first and second component shall be similarly sealed and duly marked as Original, Copy 1 and Copy 2.

5. Each components must contain Table of Contents and all documents attached should be properly tabbed and bound.

6. All pages should be signed by the bidder's authorized representative.

B. FOR BIDS TO BE SUBMITTED ELECTRONICALLY/ONLINE, THE FOLLOWING PROCURES SHOULD BE OBSERVED:

Preparation of Bid Documents



The bidder shall prepare a final scanned copy of its Bid divided into two different files :



Eligibility Documents & Technical Documents; and



Financial Documents

To ensure confidentiality, authentication, integrity of the documents, the bidder shall use a two-factor security procedure consisting of an archive format compression of its bid.

Step 1. Scan the original copy of the Eligibility Documents & Technical Documents and Financial Documents, save as a PDF file and comply with the label format below:

1. "BFAR Bid Reference No. _____ (Name of Bidder); Legal & Technical Documents"

Example



BFAR BID REFERENCE NO.2020-1(NIKE.INC); Legal & Technical Documents



BFAR BID REFERENCE NO.2020-1(NIKE.INC); Legal & Technical Documents

2. "BFAR Bid Reference No. _____ (Name of Bidder); Financial Documents"

Example



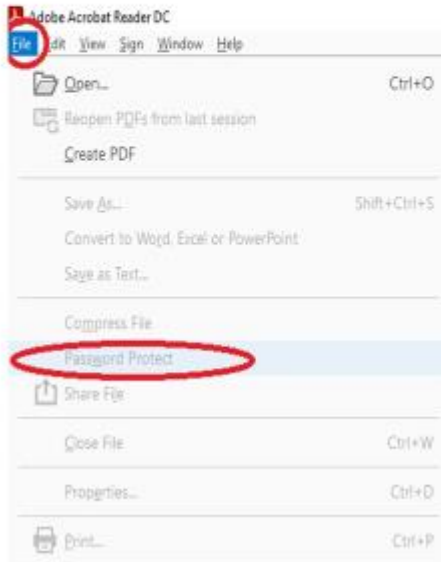
BFAR BID REFERENCE NO.2020-1(NIKE.INC); Financial Documents



BFAR BID REFERENCE NO.2020-1(NIKE.INC); Financial Documents

Adding a password to a .PDF file using Adobe Acrobat Reader DC.

1. Open the PDF file
2. Choose **File > Protect Using Password.**




Protect Using Password

Requires user to enter a password for:

- ☒ Viewing
- ☐ Editing

Type Password

*****  Strong Password

Re-type Password

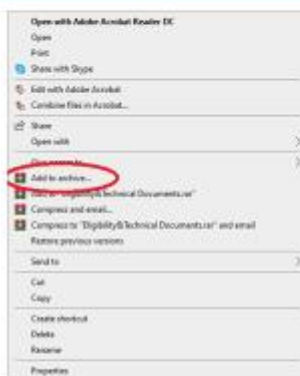
More Options ▾

Cancel

Apply

3. Select to set the password for Viewing the PDF
4. Type and retype your password.
5. Click **Apply**

Step 2. To archive and compress the file using WinRAR Application



1. Right Click the password protected .PDF file.
2. Select **"Add to archive."**



3. In the Archive name and parameters dialog box, select **"Radio button ZIP"** and click **"Set password."**



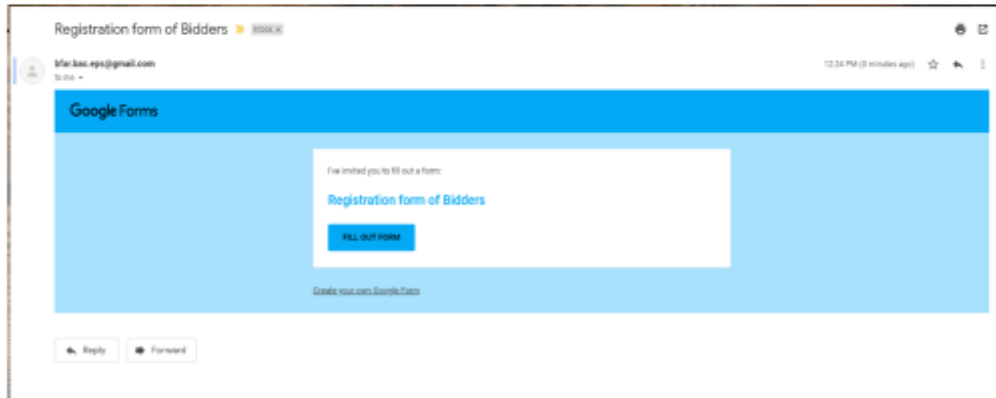
4. Type your password and Click **"OK button."**

Note: Passwords must be 8-16 characters and contain both numbers and letters/special characters. The bidder is required setting a unique combination for each file and folder. Same passwords for all files are not allowed

Submitting of the Bidding Documents

Bidders shall submit their Bids through Google Form at any time before the closing date and time specified in the Bidding Documents

Step 1. BAC Secretariat will send the Invitation link of Registration Form, thru bac.eps@bfar.da.gov.ph e-mail address.



Step 2. Upon received, click the **FILL OUT FORM**.

Step 3. Bidder must fill in the following required information.

Step 4. Click the **Add file** to upload Scanned Copy of Official Receipt (OR).

Step 5. After uploading of the Scanned Copy of OR, the bidder shall click the **Submit** button to complete the process and BAC Secretariat shall verify the submitted Official Receipt (OR).

Step 6. A copy of the response will be automatically emailed to the address provided by the bidders.

Registration form of Bidders

The name and photo associated with your Google account will be recorded when you upload files and submit this form. [Test](#) [@gmail.com?](#) [Switch account](#)

*** Required**

Email address *

Your email

Company Name *

Your answer

Company Address *

Your answer

Authorized Representative *

Your answer

Company Contact No. *

Your answer

Bid Reference *

Your answer

Bid Title *

Your answer

Upload the Scanned Official Receipt (OR) *

[Add file](#)

A copy of your responses will be emailed to the address you provided.

Submit

Step 7. Upon verification of the Official Receipt (OR), the BAC Secretariat shall send the Public Bidding Documents through the given email or shall provide a hard copy upon request. It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Step 8. The BAC Secretariat will send another Google Form link to the bidder, who already purchased the bidding documents, through email directing to the "Online Submission of the Bid Documents".

Step 9. Upon received, click the **FILL OUT FORM**.

Step 10. Click the **Add file** button to upload the compressed and password-protected files of Eligibility & Technical and Financial Documents (ZIP File)

Step 11. Click the **Submit** button to complete the process. A copy of the response will be automatically emailed to the address provided by the bidders which can be saved or printed by the bidder, as proof of the official time of submitted/receipt of bids.

| | |
|------|--|
| | <p style="text-align: center;">IMPORTANT REMINDERS DURING BID OPENING PROCESS</p> <p>1. Bidders are encouraged to attend the bid opening online via Zoom Application. The passwords for the folders (ZIP) and the files (.PDF) shall be disclosed by the bidders only during actual bid opening.</p> <p>2. The official representative of the bidder shall respond promptly in the same chat box with the passwords when prompted. Bidders are given within five (5) minutes to respond with the passwords. If the bidder does not provide or respond with the password within five (5) minutes, the BAC Secretariat shall open the submitted hard copy of the bidding documents.</p> <p>3. The bidder shall first disclose the password for the compressed folder (ZIP file) containing the Eligibility & Technical documents, second disclose the password for the Eligibility & Technical document (.PDF file). The Secretariat will share the screen via Zoom during accessing the submitted Bid.</p> <p>4. If the bidder fails to provide the correct password after the third attempt, the BAC Secretariat shall open the submitted hard copy of the bidding documents.</p> |
| 19.2 | <i>No further instructions.</i> |
| 20 | <i>No further instructions.</i> |
| 21 | Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S- curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling. |

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

3.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the **SCC** supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the **SCC**, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in **ITB** Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

- 11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.
- 11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract

Special Conditions of Contract

| GCC Clause | |
|------------|--|
| 2 | The Intended Completion Dates are the following: LOT 1- Intended Completion Dates shall be within TWO HUNDRED FORTY (240) calendar days , to commence within (7) seven days upon receipt of Notice to Proceed. |
| 3.1 | The Procuring Entity shall give possession of all parts of the Site to the Contractor. |
| 6 | Site Inspection should be conducted, and the bidder must submit a Certificate of site Inspection issued by the BFAR- Central Office |
| 7.2 | Five (5) years. |
| 10 | No day works are applicable to the contract. |
| 11.1 | The Contractor shall submit the Program of Work to the Procuring Entity's Representative within seven (7) days upon receipt of the Notice of Proceed. |
| 11.2 | The period between Program of Work updates is thirty (30) days . The amount to be withheld for late submission of an updated Program of Work is five percent (5%) of the previous work accomplishment . |
| 13 | The amount of the advance payment is fifteen percent (15%) of the Contract Price . |
| 14 | No further instructions. |
| 15.1 | The date by which "as-built" drawings (One original copy in TRACING PAPER – 105/110 type, two blue print copies and electronic file in DVD disc) are required to be submitted before the release of final payment. |
| 15.2 | No final payment shall be made by the DA-BFAR unless the Contractor prepares and submits the required as-built plans. |

Section VI. Technical Specifications

Lot No. 1: BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION

**Approved Budget for
the Contract (ABC) : Php 41,454,362.68**

| Specification | | | Statement of Compliance |
|---------------|--|-----------------|-------------------------|
| | BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION | | |
| | MODERNIZATION | | |
| | | | |
| Unit | A. PRELIMINARIES | Quantity | |
| lot | Mobilization / Demobilization | 1 | |
| lot | Temporary Facilities | 1 | |
| lot | Bonds & Insurances | 1 | |
| lot | Safety & Health Program | 1 | |
| lot | Admin Permits & Clearances (Processing) | 1 | |
| lot | Engineering Designs & Plans | 1 | |
| lot | As-built Documentation | 1 | |
| | SUB-TOTAL for A | | |
| | | | |
| | | | |
| | B. HARDWARE, SOFTWARE & ACCESSORIES | | |
| | | | |
| | B.1 HARDWARE, SOFTWARE & ACCESSORIES | | |
| unit | BMS Software license | 1 | |
| unit | Supply, delivery, installation, and configuration of HLI Gateway | 1 | |
| unit | Supply, delivery, installation of 12 Port Network Switch | 1 | |
| unit | UPS 1 KVA, 230VAC, 1PHASE | 1 | |
| unit | 55" LED Monitor | 2 | |
| unit | BMS workstation | 1 | |
| unit | BMS Rackmount Server | 1 | |
| unit | 2 ft DATA CABINET | 1 | |
| | | | |
| | B.2 ELECTRICAL BMS | | |
| | B.2.1 CONTROLERS & DEVICES | | |
| unit | DDC Compact Controllers for Distribution Transformers | 1 | |
| unit | DDC Compact Controllers for LVSG | 1 | |
| unit | DDC Compact Controllers for HVSG | 2 | |
| unit | DDC Compact Controllers for Generator | 2 | |

| | | |
|-------|--|----|
| unit | DDC Compact Controllers for Fuel Day Tank | 1 |
| unit | DDC Compact Controllers for ATS | 4 |
| unit | Sensors for GS (13 sensors) | 2 |
| unit | Contactor for ATS | 6 |
| unit | Fuel Level Sensor for FDT | 1 |
| unit | Network Interface | 1 |
| unit | Sensor for Transformer | 9 |
| unit | Contactors for LVSG | 10 |
| unit | Contactors for HVSG | 24 |
| unit | Contactor for ATS | 6 |
| unit | Low level devices network interface & configuration | 1 |
| | B.2.2 ROUGHING-INS & CABLING | |
| lot | Roughing-ins, Cable Trays, hangers & supports | 1 |
| lot | Communication Wires & Cables | 1 |
| lot | Controller Enclosures | 1 |
| lot | Minor Tools & Equipment Rental | 1 |
| | B.3 MECHANICAL BMS | |
| | B.3.1 CONTROLERS & DEVICES | |
| unit | DDC Compact Controllers for Elevator | 2 |
| unit | DDC Compact Controllers for STP & Cistern Tank | 2 |
| unit | DDC Compact Controllers for Pumps | 1 |
| units | Sensors for Elevator | 4 |
| units | Sensors for STP | 4 |
| units | Sensors for Cistern Tank | 6 |
| units | Contactor for Elevator | 12 |
| units | Contactor for pump | 10 |
| sets | ACU (VRV) Network Interface | 4 |
| unit | Network Interface (LLI) | 1 |
| | B.3.2 ROUGHING-INS & CABLING | |
| lot | Roughing-ins, Cable Trays, hangers & supports | 1 |
| lot | Communication Wires & Cables | 1 |
| lot | Controller Enclosures | 1 |
| lot | Minor Tools & Equipment Rental | 1 |
| | | |
| | B.4 BMS FOR DATA CENTER | |
| | B.4.1 CONTROLLERS & DEVICES | |
| unit | DDC Compact Controllers for Fire Suppression System (FM200) | 1 |
| unit | Communication for Precision Air-Conditioning Unit | 2 |
| unit | Contractor for Fire Suppression System (FM200) | 1 |
| unit | HLI Interface for PACU, DPDC, and Distribution Panel for Racks | 1 |
| unit | Low level devices network interface & configuration | 1 |
| | B.4.2 ROUGHING-INS & CABLING | |
| lot | Roughing-ins, Cable Trays, hangers & supports | 1 |

| | | |
|-----|--|---|
| lot | Communication Wires & Cables | 1 |
| lot | Controller Enclosures | 1 |
| lot | Minor Tools & Equipment Rental | 1 |
| | | |
| lot | B.4 TESTING & COMMISSIONING | 1 |
| | | |
| lot | B.5 SYSTEM DOCUMENTATION | 1 |
| | Operations training and knowledge transfer | |
| | As-built plans | |
| | Operations manual (as needed) | |
| | SUB-TOTAL for B | |
| | | |
| | C. CIVIL & ARCHITECTURAL WORKS | |
| | Minor Repair works | |
| lot | Demolition, Chipping works, dismantling Works | 1 |
| lot | Carpentry (ceiling works) | 1 |
| lot | Masonry Works | 1 |
| lot | Painting Works | 1 |
| lot | Scaffolding Rental | 1 |
| | SUB-TOTAL for C | |
| | D. MAINTENANCE | |
| lot | One (1) year Maintenance | 1 |
| | Comprehensive Maintenance | |
| | Quarterly PM | |
| | Monthly Status Report | |
| | One (1) Technical Support On Site (M-F, 8AM-5PM) | |
| | SUB-TOTAL for D | |
| | GRAND TOTAL | |

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company

Signature over Printed Name of
Authorized Representative

Date

TERMS OF REFERENCE

I. INTRODUCTION

The Department of Agriculture Bureau of Fisheries and Aquatic Resources (DA-BFAR) Fisheries Main Building inaugurated on July 21, 2021 serves a one-stop shop for all fisheries-related services with its more spacious premises and improved facilities. To further improve on the delivery of vital public services for the Fisheries sector, the Bureau aims to ensure a more efficient operation and regulation of the facilities of the abovementioned building.

To improve its operational efficiency, the Bureau aims to modernize the building ancillary system by utilizing a Building Management System (BMS). The BMS is a computer-based control system installed to monitor and control a building's mechanical and electrical equipment. This is essential for an integrated and intelligent management of energy demand of the building facility subsystems such as electric system, plumbing system, HVAC system, etc. for more efficient energy utilization and increased safety assurance of building facility operations. Utilizing the BMS will improve the operation of the facilities and equipment in the Fisheries Main Building with more optimal facility subsystems regulation, enhanced energy management, and improved safety of facility operations.

With the goal of improving operational efficiency and ensuring steady operations, the utilization of a Building Management System (BMS) for the Fisheries Main Building is in line with the BFAR's mission of quality delivery of vital public services for the Fisheries sector. The integrated management of building facility subsystems that the BMS can provide will improve overall operational efficiency of the Fisheries Main Building.

II. OBJECTIVES

As part of BFAR's mission of quality delivery of vital public services for the Fisheries sector, it aims to improve the operational efficiency of the Fisheries Main Building by modernizing its ancillary system through utilizing a Building Management System (BMS). Specifically, the project intends to accomplish the following objectives:

1. To modernize the building ancillary system of the Fisheries Main Building to ensure safety and improve efficiency of its facility operations;
2. To provide a computer-based control system of the building facilities which can be accessed on a single digital interface;
3. To enhance productivity and maintenance support for the building facilities equipment;
4. To optimize overall energy efficiency and performance of the building facilities subsystems (electric system, plumbing system, HVAC system, etc.)

III. SCOPE OF WORK

1. WORK INCLUDED

- A. The Contractor shall provide a complete and operational system that will perform the sequences of operation as described herein.
- B. Furnish a complete distributed direct digital control system in accordance with this specification section. This includes all system controllers, logic controllers, and all input/output devices. Items of work included are as follows:
 - 1. Coordinate installation schedule with the mechanical contractor and general contractor.
 - 2. Provide installation of all panels and devices unless otherwise stated.
 - 3. Provide power for panels and control devices unless otherwise stated.
 - 4. Provide all low voltage control wiring for the DDC system.
 - 5. Provide engineering and technician labor to program and commission software for each system and operator interface.
 - 6. Provide testing, demonstration and training as specified below.

2. SYSTEM DESCRIPTION

- 2.1. The contractor shall furnish and install a networked system of VRF controls. The contractor shall incorporate direct digital control (DDC) for central plant equipment, building ventilation equipment, supplemental heating and cooling equipment, and terminal units.
- 2.2. The contractor shall be comprised of Network Area Controller or Controllers (NAC) within each facility. The NAC shall connect to the owner's local or wide area network, depending on configuration. Access to the system, either locally in each building, or remotely from a central site or sites, shall be accomplished through standard Web browsers, via the Internet and/or local area network. Each NAC shall communicate to BACnet Building Controllers and other open and legacy protocol systems/devices.
- 2.3. Provide networking to new DDC equipment using industry accepted communication standards. System shall utilize BACnet communication—for interoperability with smart equipment, for the main IP communication trunk to the BMS Server and for peer-to-peer communication between DDC panels and devices. The system shall not be limited to only standard protocols, but shall also be able to integrate to a wide variety of third-party devices and applications via drivers and gateways.

3. BUILDING MANAGEMENT SYSTEM NETWORK

- 3.1. All networked control products provided for this project shall be comprised of an industry standard open protocol internetwork. Networks and protocols proprietary to one company or distributed by one company are prohibited.
- 3.2. Access to system data shall not be restricted by the hardware configuration of the building management system. The hardware configuration of the BMS

network shall be totally transparent to the user when accessing data or developing control programs.

- 3.3. Software applications, features, and functionality, including administrative configurations, shall not be separated into several network control engines working together.
- 3.4. BMS Server shall be capable of simultaneous direct connection and communication with BACnet/IP, OPC and TCP/IP corporate level networks without the use of interposing devices.
- 3.5. Any break in Ethernet communication from the server to the controllers on the Primary Network shall result in a notification at the server.
- 3.6. Any break in Ethernet communication between the server and standard client workstations on the Primary Network shall result in a notification at each workstation.

4. BMS HARDWARE, SOFTWARE & ACCESSORIES

- 4.1. Supply, delivery, installation, and configuration of 1-unit BMS Software license with the following basic key features:
 - Graphics or User Interface
 - Automated optimization
 - Mobile interface
 - Reporting
- 4.2. Supply, delivery, installation, and configuration of 1-unit HLI Gateway
- 4.3. Supply, delivery, and installation of 1 unit 12 Ports Network switch
- 4.4. Supply, delivery, and installation of 1 unit 1 kVA rack-mounted UPS, 230 VAC, 1 Ph.
- 4.5. Supply, delivery, and installation of 2 units 55" LED Monitor, complete with accessories & mounting bracket.
- 4.6. Supply, delivery, and installation of 1unit BMS workstation with the following specifications:
 - Intel Core i7 10th edition or higher (8 Core, 16M cache, 3.0GHz processor frequency power)
 - 32GB RAM
 - Minimum 1TB SSD
 - With 10/100/1000 ports
 - Software is Microsoft® Windows 10 64-bit (Professional and Enterprise);
- 4.7. Supply, delivery, and installation of 1 Rack mount server with the following specifications:
 - 2x Intel Xeon Gold 3.6G, 4C/8T, 10.4GT/s, 16.5M Cache, Turbo, HT (105W) DDR4-2666 or higher
 - Minimum 3.0GHz processor frequency power)
 - 64GB RAM
 - Minimum 2TB SSD
 - With at least 4 x 10/100/1000 ports

- Microsoft® Windows Server 2019 64-bit

4.8. Supply, delivery, and installation of 1 unit data cabinet with the following specifications:

- Minimum 8U data cabinet (floor or wall mount) with lock
- Steel with Side panels
- With power outlet and built-in fans
- Powder Coated

4.9. All BMS hardware, software and accessories will be installed on BFAR Main Data center or Security room whichever is applicable.

3. BMS FOR ELECTRICAL SYSTEM

3.1. Supply, delivery, and installation of the following controllers & devices:

- 3.1.1. 1-unit Direct Digital Controller (DDC) Compact Controllers for Distribution Transformers
- 3.1.2. 1-unit Direct Digital Controller (DDC) Compact Controllers for LVSG
- 3.1.3. 2-units Direct Digital Controller (DDC) Compact Controllers for HVSG
- 3.1.4. 2-units Direct Digital Controller (DDC) Compact Controllers for Generator
- 3.1.5. 1-unit Direct Digital Controller (DDC) Compact Controllers for Fuel Day Tank
- 3.1.6. 4-units Direct Digital Controller (DDC) Compact Controllers for ATS
- 3.1.7. 2 sets Sensors for Generator set (13 sensors)
- 3.1.8. 9-units Sensors for Transformer
- 3.1.9. 10-units Contactors for LVSG
- 3.1.10. 24-units Contactors for HVSG
- 3.1.11. 6-units Contactor for ATS
- 3.1.12. 1-unit Fuel Level Sensor for Fuel Day Tank (FDT)
- 3.1.13. Low level devices network interface & configuration

3.2. Supply, delivery, and installation of the following accessories & incidental materials such as but not limited to:

- 3.2.1. Roughing-ins, Cable Trays, hangers & supports
- 3.2.2. Communication Wires & Cables
- 3.2.3. Controller Enclosures

4. BMS FOR MECHANICAL SYSTEM

4.1. Supply, Delivery, and Installation of the following Controllers & Devices:

- 4.1.1. 2-units Direct Digital Controller (DDC) Compact Controllers for Elevator
- 4.1.2. 2-units Direct Digital Controller (DDC) Compact Controllers for STP & Cistern Tank
- 4.1.3. 1-unit Direct Digital Controller (DDC) Compact Controllers for Pumps
- 4.1.4. 4-units Sensors for Elevator
- 4.1.5. 4-units Sensors for STP
- 4.1.6. 6-units Sensors for Cistern Tank
- 4.1.7. 12-units Contactor for Elevator

- 4.1.8. 10-units Contactor for pump
 - 4.1.9. High Level Device Network Interface & configuration for four (4) sets VRV ACU
 - 4.1.10. 1-unit Low Level Interface (LLI)
- 4.2. Supply, Delivery, and Installation of the following accessories & incidental materials such as but not limited to:
 - 4.2.1. Roughing-ins, Cable Trays, hangers & supports
 - 4.2.2. Communication Wires & Cables
 - 4.2.3. Controller Enclosures

6. BMS FOR DATA CENTER

- 6.1. Supply, delivery, and installation of the following controllers & devices:
 - 6.1.1. One (1) unit Direct Digital Controller (DDC) Compact Controllers for Fire Suppression System (FM200)
 - 6.1.2. Two (2) units Communication for Precision Air-Conditioning Unit
 - 6.1.3. One (1) unit Contractor for Fire Suppression System (FM200)
 - 6.1.4. HLI Interface for Precision Air-Conditioning Unit, Distribution Panel of Data Center (DPDC), and Distribution Panel for Racks
 - 6.1.5. Low level devices network interface & configuration
- 6.2. Supply, delivery, and installation of the following accessories & incidental materials such as but not limited to:
 - 6.2.1. Roughing-ins, Cable Trays, hangers & supports
 - 6.2.2. Communication Wires & Cables
 - 6.2.3. Controller Enclosures
 - 6.2.4. Minor tools and Equipment

7. CIVIL & ARCHITECTURAL WORKS

- 7.1. Minor Repair works
 - 7.1.1. Minor demolition / chipping works, dismantling works
 - 7.1.2. Minor carpentry works (ceiling repair works)
 - 7.1.3. Minor masonry works (surface patching / plastering works)
 - 7.1.4. Minor painting / retouching works
 - 7.1.5. Provision of scaffoldings.

8. TESTING AND COMMISSIONING

9. SYSTEM DOCUMENTATION

- 9.1. Operations training and knowledge transfer
- 9.2. As-built plans
- 9.3. Operations manual (as needed)

10. MAINTENANCE SERVICE

Provide Comprehensive Maintenance for the whole system installed for a period of one (1) year.

Including:

- i. Quarterly Preventive maintenance
- ii. Monthly Status report
- iii. One (1) Technical Support On site (Monday to Friday, 8AM to 5PM)

I. PROJECT DURATION: 240 days

II. MANPOWER REQUIREMENTS

5. One (1) Project Manager or Equivalent- Must be a regular employee for at least five years. Must have project management training; must be trained in premises cabling system design, and installation by an Original Equipment Manufacturer (OEM); must be trained in Total Building Integration Cabling and Project Management; Must be trained in Wireless LAN.
6. One (1) Facilities Engineer or Safety Engineer with at least 5 years' experience and completed the prescribed course in Occupational Safety and Health as required by DOLE.
7. The contractor must have Sustaining Technical Employee (STE) on its roster of employees registered with DTI-PCAB under the name of the bidder:
 - Civil Engineer (CE)
 - Electrical Engineer (EE)
 - Electronics and Communications Engineer (ECE)
 - Mechanical Engineer (ME)
8. One (1) Certified Data Center Professional with the following qualifications:
 - Regular employee for at least 5 years
 - Trained in major Data center components such as UPS, PACU, CCTV, Fire suppression
9. **One (1) Technical Engineer**
 - Must be a regular employee for at least five (5) years
 - Must be a licensed Electronics and Communication Engineer (ECE)
 - Certified in Network and System Engineer
 - Must have at least two (2) years' experience in the installation and maintenance of BMS.
10. **One (1) Senior Network Security Manager**
 - Must be a regular employee for at least five (5) years
 - Must be a certified Information Security Manager (CISM)
 - Must have at least two (2) years' experience in the installation and maintenance of BMS.

III. CONTRACTOR'S REQUIREMENT:

- a. The contractor must be in the business of building management system, data center, maintenance or build of local or wide area wired or wireless data, voice

and video network communication and System integration for the past ten (10) years.

- b. Contractor must be an ICT company with valid Contractors' license issued by Philippine Contractors Accreditation Board (PCAB) for the following required classifications:
 - i. General Building
 - ii. Communication Facilities
 - iii. Electrical Works
- c. The contractor must have ongoing or completed project at least two (2) similar contracts with government institution.
- d. The contractor must not have been blacklisted on PhilGeps and PCAB for the last five (5) years.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company

Signature over Printed Name of
Authorized Representative

Date

Section VII. Drawings

Section VIII. Bill of Quantities

Lot No. 1: BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION

Approved Budget for

the Contract (ABC) : Php 41,454,362.68

Delivery period: 240 calendar days

Location: Fisheries Building Complex, Bureau of Plant Industry Compound, Visayas Ave., Diliman, Quezon City

| ITEM NO. | DESCRIPTION | QTY | UNIT | UNIT COST | AMOUNT |
|--------------|--|------|-------|-----------|--------|
| | | | | | |
| A. | PRELIMINARIES | | | | |
| | Mobilization / Demobilization | 1.00 | lot | | |
| | Temporary Facilities | 1.00 | lot | | |
| | Bonds & Insurances | 1.00 | lot | | |
| | Safety & Health Program | 1.00 | lot | | |
| | Admin Permits & Clearances (Processing) | 1.00 | lot | | |
| | Engineering Designs & Plans | 1.00 | lot | | |
| | As-built Documentation | 1.00 | lot | | |
| | Sub-total of A | | | | - |
| | | | | | |
| B. | HARDWARE, SOFTWARE & ACCESSORIES | | | | |
| B.1 | Hardware, Software & Accessories | | | | |
| | BMS Software license | 1.00 | unit | | |
| | Supply, delivery, installation, and configuration of HLI Gateway | 1.00 | unit | | |
| | Supply, delivery, installation of 12 Port Network Switch | 1.00 | unit | | |
| | UPS 1 KVA, 230VAC, 1Phase | 1.00 | unit | | |
| | 55" LED Monitor | 2.00 | units | | |
| | BMS workstation | 1.00 | unit | | |
| | BMS Rackmount Server | 1.00 | unit | | |
| | 2 ft Data Cabinet | 1.00 | unit | | |
| | | | | | |
| B.2 | ELECTRICAL BMS | | | | |
| B.2.1 | Controllers & Devices | | | | |
| | DDC Compact Controllers for Distribution Transformers | 1.00 | unit | | |
| | DDC Compact Controllers for LVSG | 1.00 | unit | | |
| | DDC Compact Controllers for HVSG | 2.00 | units | | |

| | | | | | |
|--------------|---|-------|-------|--|--|
| | DDC Compact Controllers for Generator | 2.00 | units | | |
| | DDC Compact Controllers for Fuel Day Tank | 1.00 | unit | | |
| | DDC Compact Controllers for ATS | 4.00 | units | | |
| | Sensors for GS (13 sensors) | 2.00 | units | | |
| | Contactor for ATS | 6.00 | units | | |
| | Fuel Level Sensor for FDT | 1.00 | unit | | |
| | Network Interface | 1.00 | unit | | |
| | Sensor for Transformer | 9.00 | units | | |
| | Contactors for LVSG | 10.00 | units | | |
| | Contactors for HVSG | 24.00 | units | | |
| | Contactor for ATS | 6.00 | units | | |
| | Low level devices network interface & configuration | 1.00 | unit | | |
| | | | | | |
| B.2.2 | Roughing-ins & Cabling | | | | |
| | Roughing-ins, Cable Trays, hangers & supports | 1.00 | lot | | |
| | Communication Wires & Cables | 1.00 | lot | | |
| | Controller Enclosures | 1.00 | lot | | |
| | Minor Tools & Equipment Rental | 1.00 | lot | | |
| | | | | | |
| B.3 | MECHANICAL BMS | | | | |
| B.3.1 | Controllers & Devices | | | | |
| | DDC Compact Controllers for Elevator | 2.00 | units | | |
| | DDC Compact Controllers for STP & Cistern Tank | 2.00 | units | | |
| | DDC Compact Controllers for Pumps | 1.00 | unit | | |
| | Sensors for Elevator | 4.00 | units | | |
| | Sensors for STP | 4.00 | units | | |
| | Sensors for Cistern Tank | 6.00 | units | | |
| | Contactor for Elevator | 12.00 | units | | |
| | Contactor for pump | 10.00 | units | | |
| | ACU (VRV) Network Interface | 4.00 | sets | | |
| | Network Interface (LLI) | 1.00 | unit | | |
| | | | | | |
| B.3.2 | Roughing-ins & Cabling | | | | |
| | Roughing-ins, Cable Trays, hangers & supports | 1.00 | lot | | |
| | Communication Wires & Cables | 1.00 | lot | | |

| | | | | | |
|--------------|--|------|-------|--|---|
| | Controller Enclosures | 1.00 | lot | | |
| | Minor Tools & Equipment Rental | 1.00 | lot | | |
| | | | | | |
| B.4 | BMS FOR DATA CENTER | | | | |
| B.4.1 | Controllers & Devices | | | | |
| | DDC Compact Controllers for Fire Suppression System (FM200) | 1.00 | unit | | |
| | Communication for Precision Air-Conditioning Unit | 2.00 | units | | |
| | Contractor for Fire Suppression System (FM200) | 1.00 | unit | | |
| | HLI Interface for PACU, DPDC, and Distribution Panel for Racks | 1.00 | unit | | |
| | Low level devices network interface & configuration | 1.00 | unit | | |
| | | | | | |
| B.4.2 | Roughing-ins & Cabling | | | | |
| | Roughing-ins, Cable Trays, hangers & supports | 1.00 | lot | | |
| | Communication Wires & Cables | 1.00 | lot | | |
| | Controller Enclosures | 1.00 | lot | | |
| | Minor Tools & Equipment Rental | 1.00 | lot | | |
| | | | | | |
| B.4.3 | Testing and Commissioning | 1.00 | lot | | |
| | | | | | |
| B.5 | SYSTEM DOCUMENTATION | 1.00 | lot | | |
| | Operations training and knowledge transfer | | | | |
| | As-built plans | | | | |
| | Operations manual (as needed) | | | | |
| | Sub-total of B | | | | - |
| | | | | | |
| C. | CIVIL & ARCHITECTURAL WORKS | | | | |
| | Minor Repair works | | | | |
| | Demolition, Chipping works, dismantling Works | 1.00 | lot | | |
| | Carpentry (ceiling works) | 1.00 | lot | | |
| | Masonry Works | 1.00 | lot | | |
| | Painting Works | 1.00 | lot | | |
| | Scaffolding Rental | 1.00 | lot | | |
| | Sub-total of C | | | | - |
| | | | | | |
| D. | MAINTENANCE | | | | |

| | | | | | |
|--|---|------|-----|--|---|
| | One (1) year Maintenance | 1.00 | lot | | |
| | Comprehensive Maintenance | | | | |
| | Quarterly PM | | | | |
| | Monthly Status Report | | | | |
| | One (1) Technical Support On Site (M-F, 8AM-5PM) | | | | |
| | Sub-total of D | | | | - |
| | | | | | |
| | | | | | |
| | TOTAL COST | | | | |
| | | | | | |

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company

Signature over Printed Name of
Authorized Representative

Date

Lot No. 1: BFAR MAIN BUILDING ANCILLARY SYSTEM MODERNIZATION

Approved Budget for

the Contract (ABC) : Php 41,454,362.68

Delivery period: 240 calendar days

Location: Fisheries Building Complex, Bureau of Plant Industry Compound, Visayas Ave., Diliman, Quezon City

SUMMARY OF BID

| ITEM NO. | DESCRIPTION | QTY | UNIT | AMOUNT |
|----------|----------------------------------|------|------|--------|
| | | | | |
| A. | PRELIMINARIES | 1.00 | lot | |
| B. | HARDWARE, SOFTWARE & ACCESSORIES | 1.00 | lot | |
| C. | CIVIL & ARCHITECTURAL WORKS | 1.00 | lot | |
| D. | MAINTENANCE | 1.00 | lot | |
| | | | | |
| | | | | |
| | GRAND TOTAL COST | | | |
| | | | | |

Name of Company

Signature over Printed Name of
Authorized Representative

Date

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);

Technical Documents

- ☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (*attached prescribed format*); **and**
- ☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules (*attached prescribed format*); **and**
- ☐ (d) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- ☐ (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (f) Project Requirements, which shall include the following:
- ☐ a. Organizational chart for the contract to be bid;
- ☐ b. List of contractor's key personnel (*e.g.*, Project Manager/Project Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
- ☐ (g) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.
- ☐ (h) Construction Schedule With S-Curve
- ☐ (i) PERT/CPM
- ☐ (j) Manpower Schedule
- ☐ (k) Construction Method
- ☐ (l) Certificate Of Site Inspection
- ☐ (m) Drawings
- ☐ (n) Manpower Requirements
- One (1) Project Manager or Equivalent- Must be a regular employee for at least five years. Must have project management training; must be trained in premises cabling system design, and installation by an Original Equipment Manufacturer (OEM);

must be trained in Total Building Integration Cabling and Project Management; Must be trained in Wireless LAN.

- One (1) Facilities Engineer or Safety Engineer with at least 5 years' experience and completed the prescribed course in Occupational Safety and Health as required by DOLE.
- The contractor must have Sustaining Technical Employee (STE) on its roster of employees registered with DTI-PCAB under the name of the bidder:
 - Civil Engineer (CE)
 - Electrical Engineer (EE)
 - Electronics and Communications Engineer (ECE)
 - Mechanical Engineer (ME)
- One (1) Certified Data Center Professional with the following qualifications:
 - Regular employee for at least 5 years
 - Trained in major Data center components such as UPS, PACU, CCTV, Fire suppression
- **One (1) Technical Engineer**
 - Must be a regular employee for at least five (5) years
 - Must be a licensed Electronics and Communication Engineer (ECE)
 - Certified in Network and System Engineer
 - Must have at least two (2) years' experience in the installation and maintenance of BMS.
- **One (1) Senior Network Security Manager**
 - Must be a regular employee for at least five (5) years
 - Must be a certified Information Security Manager (CISM)
 - Must have at least two (2) years' experience in the installation and maintenance of BMS.

☐ (o) **Contractor's Requirement:**

- The contractor must be in the business of building management system, data center, maintenance or build of local or wide area wired or wireless data, voice and video network communication and System integration for the past ten (10) years.
- Contractor must be an ICT company with valid Contractors' license issued by Philippine Contractors Accreditation Board (PCAB) for the following required classifications:
 - i. General Building
 - ii. Communication Facilities
 - iii. Electrical Works

- The contractor must have ongoing or completed project at least two (2) similar contracts with government institution.
- The contractor must not have been blacklisted on PhilGeps and PCAB for the last five (5) years.

Financial Documents

- ☐ (p) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- ☐ (q) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

or

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (r) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- ☐ (s) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (t) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- ☐ (u) Cash Flow by Quarter.

The following templates are provided for easy reference, which may also be accessed through this link: <https://www.gppb.gov.ph/downloadables.php>

- 5.2.1. Bid Form for the Procurement of Goods;
- 5.2.3. Price Schedule for Goods Offered from Abroad;
- 5.2.4. Price Schedule for Goods Offered from Within the Philippines;
- 5.2.5. Bid Securing Declaration;
- 5.2.6. Contract Agreement Form for the Procurement of Goods;
- 5.2.8. Omnibus Sworn Statement; and
- 5.2.9. Performance Securing Declaration.

Statement of All Ongoing Government & Private Contracts including contracts awarded but not yet started

Business Name : _____

Business Address : _____

| Name of Contract and Contract Cost | Owner's Name Address Telephone Nos. | Nature of Work | Bidder's Role | | Date Awarded Date Started Date of Completion | % of Accomplishment | | Value of Outstanding Works/Undelivered Portion |
|------------------------------------|---|----------------|---------------|---|--|---------------------|------------|--|
| | | | Description | % | | Planned | Actual | |
| <u>Government</u> | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| <u>Private</u> | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| due in separate sheet if necessary | | | | | | | Total Cost | |

Note: (In case of no ongoing contract, the bidder shall submit this duly signed form and indicate "No ongoing contracts" or "None" or "Not Applicable (N/A)" under the Column for Name of Contract and Project Cost (first column from left)

This statement shall be supported with:

For Government Contract:

1. Notice of award and/or Contract Agreement and/or Notice to Proceed

For Private:

2. Job order or Purchase Order or any corresponding documents reflecting the Project name and project cost.

Submitted by : _____
(Printed Name and Signature of Authorized Representative)

Designation : _____

Date : _____

Statement Identifying the Single Largest Completed Contract

Business Name : _____

Business Address : _____

| Name of Contract and Contract Cost | Owner's Name Address Telephone Nos. | Nature of Work / Kind of Goods | Bidder's Role | | Amount at Award Amount at | Date Awarded Contract Effectivity Date Completed |
|------------------------------------|-------------------------------------|--------------------------------|---------------|---|---------------------------|--|
| | | | Description | % | tion | |
| <u>Government</u> | | | | | | |
| | | | | | | |
| <u>Private</u> | | | | | | |
| | | | | | | |

Note: This statement shall be supported with:

For Government Contract:

1. Notice of award (NOA) and/or Contract Agreement and/or Notice to Proceed (NTP)
2. Certificate of Completion of Delivery (CCDs) issued by the Owner or Certificate of Final Acceptance (CFAs) or duly signed Delivery Receipt (DRs) or Official receipt or Sales Invoice or duly accomplished Inspection and Acceptance Reports

For Private:

1. Job order or Purchase Order or Purchase Request
2. Certificate of Completion of Delivery (CCDs) issued by the Owner or Certificate of Final Acceptance (CFAs) or duly signed Delivery Receipt (DRs) or Official receipt or Sales Invoice

Submitted by : _____
(Printed Name and Signature of Authorized Representative)

Designation : _____

Date : _____

Important Reminders

- *The bidders are encouraged to consult this checklist before submitting their Bid on the deadline for the submission and the receipt of Bids. However, this is **by no means exclusive** Bidders must still familiarize themselves with other bid requirements not otherwise included herein such as, but not limited to those in the TOR, Bid Bulletin, Pertinent GPPB guidelines, rules, etc.*
- *All Bidders must submit their bid in accordance with the Guidelines on Electronic Submission and Receipt of Bids as indicated in the Annex A simultaneously with the submission of the printed copies as indicated in the BDS Clause 16.*
- *All documents shall be current and updated and any missing document in the above-mentioned Checklist is a ground for outright rejection of the bid.*
- *All Pages of the documents shall be signed/initialed by the bidder or by his/her authorized representative.*
- *To facilitate the evaluation of the bids, bidders are advised to follow the arrangement in the above-mentioned checklist.*

Annexes

“ANNEX A”

BIDDER’S KIT FOR BFAR PROCUREMENT GUIDELINES IN ADOPTING ELECTRONIC SUBMISSION OF BIDS

(GPPB Resolution No. 09-2020)

I. PRE-REGISTRATION& PRE-BID CONFERENCE

Step 1: Register by completing the information required in the **Google Form** which can be accessed here: <https://forms.gle/9PassK7oCipk8iXD6>

Once completed, submit the form to the Secretariat and wait for an acknowledgement by e-mail.

Step 2: Join the scheduled Pre-Bid Conference by clicking the link provided by the Secretariat through e-mail using **Zoom**. Please make sure that you allow access to the microphone and the camera.

Step 3: Kindly wait for the Secretariat to confirm your entry through Zoom to participate in the pre-bid conference.

Step 4: See attached file as “Annex A” for the House Rules to be observed during the conduct of procurement activities.

II. PREPARATION OF BID (SOFT COPY)

Step 1: Prepare a final scanned copy of your Bid which is divided into two different PDF files:

1. Eligibility Documents & Technical Documents; and
2. Financial Documents

Step 2: Set a password for the scanned copy of the Eligibility Documents & Technical Documents and Financial Documents and save as a .PDF file.

Step 3: Compress the file, save the password-protected .PDF file to a ZIP file. Set another password on the ZIP file.

Important: Passwords must be 8-16 characters and contain both numbers and letters/special characters. The bidder is required setting a unique combination for each file and folder. Same passwords for all files are not allowed. For details on how to set passwords in .PDF file and ZIP file, please see file attached as “Annex B”.

Step 4: For effective documentation of the submitted files, you must comply with the label format below:

1. Both ZIP folder and .PDF file shall be assigned file name
“BFAR Bid Reference No._____ (Company Name); Legal & Technical Documents”
2. Both ZIP folder and .PDF file shall be assigned file name **BFAR Bid Reference No._____ (Company Name); Financial Documents”**

III. REGISTRATION FOR ONLINE SUBMISSION

Step 1: Register through Google Form, a link will be provided upon request to the BAC Secretariat’s e-mail address: bac.eps@bfar.da.gov.ph at any time before the closing date and time specified in the Bidding Documents by disclosing the following information:

- a) Email Address
- b) Company Name
- c) Company Address
- d) Authorized Representative
- e) Contact No.
- f) Bid Reference
- g) Bid Title
- h) Official Receipt (OR) No.

Upon verification of the Official Receipt (OR), the BAC Secretariat will send the Public Bidding Documents through the given email or shall provide a hard copy upon request. It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Step 2: The BAC Secretariat will send another Google Form link to the bidder, who already purchased the bidding documents, through the given email directing to the “Online Submission of the Bid”.

IV. ACCESSING THE GOOGLE FORMS

Step 1: Upon successful login to your email address account. You will now open the Google Form link sent through BAC Secretariat's e-mail address given above.

Step 2: Click the **FILL OUT FORM** button. *(See attached "Annex C")*

V. SUBMISSION OF BID

Step 1: Submit your Bids through Google Form at any time before the closing date and time specified in the Bidding Documents.

Step 2: Upon preparation and finalization of the compressed and password-protected files Eligibility & Technical and Financial Documents, a Google Form link will direct you to the page where they can now upload the said requirements. *(See attached "Annex C, Figure 10.1")*

Step 3: After submission, a copy of the response will be automatically emailed to the address provided by you which can be saved or printed, as proof of the official time of the submission and receipt of bids. *(See attached "Annex C, Figure 11.2")*

VI. RECEIVING OF THE SUBMITTED BID

The BAC Secretariat will receive the submitted information through Google Forms and will generate a Bid Receipt page for the official time of submission of all bidders, which can be saved or printed.

Bidders may modify their Bid at any time before the deadline for the submission and receipt of bids. Bidders shall send another Bid equally secured, properly identified, and labelled as a **"modification"** of the previously submitted. The time indicated in the latest Bid receipt page generated shall be the official time of submission. Bids submitted after the deadline shall not be accepted.

The BAC Secretariat will not be able to access the documents until the day of the Bid Opening.

VII. BID OPENING PROCESS

The BAC, with the assistance of the Secretariat and Technical Working Group (TWG), shall conduct bid opening via Zoom. Bidders are encouraged to attend the bid opening online. The passwords for the folders (ZIP) and the files (.PDF) shall be disclosed by the bidders only during actual bid opening which may be done via Zoom.

The Secretariat will ask the bidder, who choose to attend via Zoom, the corresponding password of their Bid during the bid opening itself. The official representative of the bidder shall respond promptly in the same chat box with the passwords when prompted. Bidders are given within five (5) minutes to respond with the passwords. If the bidder does not provide or respond with the password within five (5) minutes, from prompting, it will result in disqualification and the BAC shall move on to the next bid, if any.

The bidder shall first disclose the password for the compressed folder (ZIP file) containing the Eligibility & Technical documents, second disclose the password for the Eligibility & Technical document (.PDF file). The Secretariat will share the screen via Zoom during accessing the submitted Bid.

If the bidder **passed** the Eligibility & Technical requirements, the second password-protected compressed folder containing the Financial Documents and the files contained therein shall be opened in the same manner as the password of the eligibility documents as described above. In no case will a bidder disclose the passwords for the financial folder and the files prior to being declared eligible based on the evaluation of the eligibility documents.

The bidder is given only three (3) attempts to disclose the password per compressed folder (ZIP) and .PDF file to open the documents. If the bidder fails to provide the correct password after the third attempt, their Bid will no longer be considered. The Secretariat shall take and print a screenshot of such inquiries and responses to form part of the records and all incidents should be recorded in the minutes.

Basic House Rules to be observed during BAC Meetings

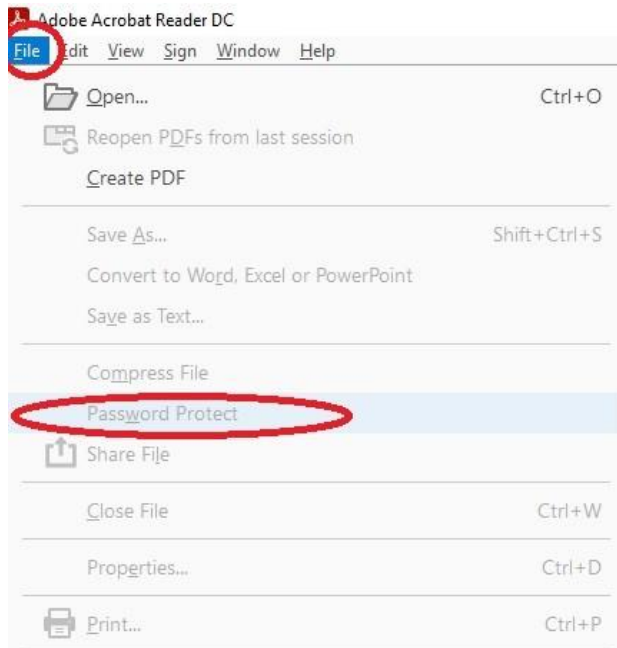
1. Kindly place your microphone on mute when not speaking.
2. Please raise your hand, and wait to be recognized before you speak (remember to toggle off mute).
3. Turn on video for confirmation of your identity.
4. Meeting will start on time. You are advised to enter the VTC room 30 minutes to resolve technical issue, if any.

“ANNEX B”

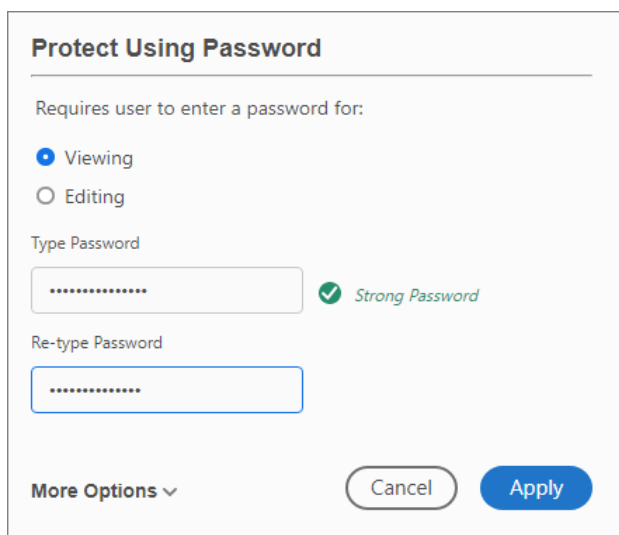
Adding a password to a .PDF file using Adobe Acrobat Reader DC.

One-click option to protect a PDF with a password

1. Open the PDF file
2. Choose **File > Protect Using Password.**



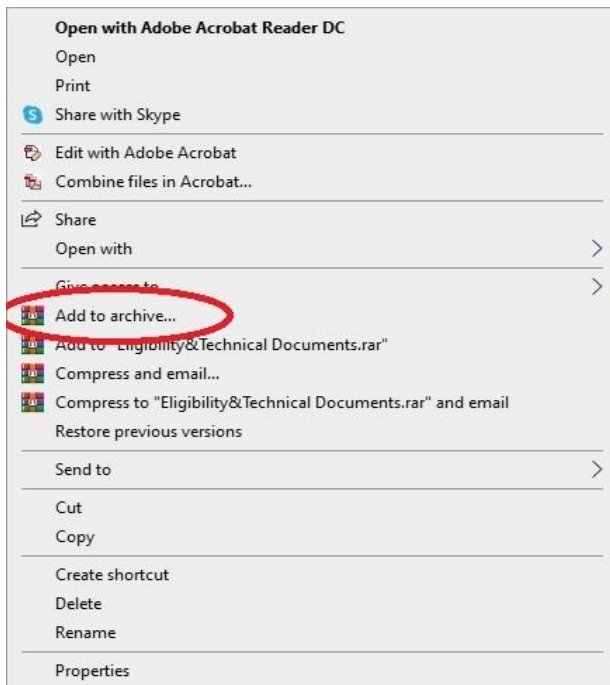
3. Select to set the password for Viewing the PDF.

A screenshot of the 'Protect Using Password' dialog box. The dialog has a title bar 'Protect Using Password'. Below the title bar, it says 'Requires user to enter a password for:'. There are two radio buttons: 'Viewing' (selected) and 'Editing'. Below these, there are two text input fields: 'Type Password' and 'Re-type Password'. The 'Type Password' field has a green checkmark and the text 'Strong Password' next to it. At the bottom, there are three buttons: 'More Options' with a dropdown arrow, 'Cancel', and 'Apply'.

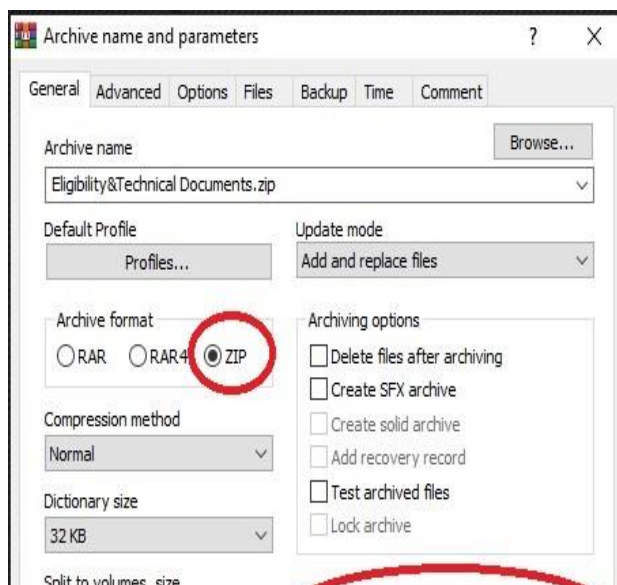
4. Type and retype your password. The password strength is displayed next to your password to indicate whether the chosen password is weak, medium, strong, or best.
5. Click **Apply**

File Archiving and Compression using WinRAR application

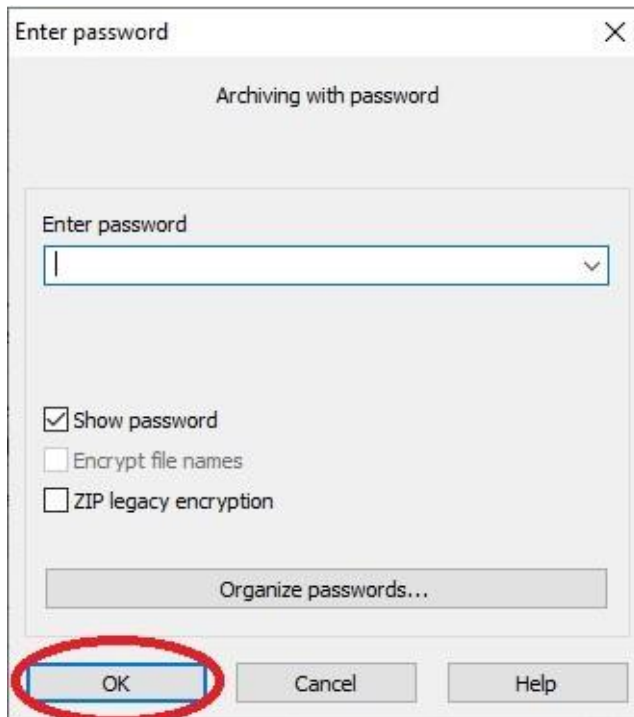
1. Right Click the password protected .PDFfile
2. Select **"Add to archive."**



3. In the Archive name and parameters dialog box, select **"Radio button ZIP"** and click **"Set password"**



4. Type your password and Click **“OK button.”**



The image shows a Windows-style dialog box titled "Enter password" with a close button (X) in the top right corner. The main heading inside the dialog is "Archiving with password". Below this, there is a section labeled "Enter password" containing a text input field with a cursor and a dropdown arrow on the right. Underneath the input field are three checkboxes: "Show password" (which is checked), "Encrypt file names" (unchecked), and "ZIP legacy encryption" (unchecked). Below these checkboxes is a button labeled "Organize passwords...". At the bottom of the dialog are three buttons: "OK", "Cancel", and "Help". The "OK" button is highlighted with a red oval.

“ANNEX C”

Procedure of Accessing the BFAR BAC Online Submission of Bidding Documents via Google Forms

Step 1. BAC Secretariat will send the Invitation link of Registration Form.

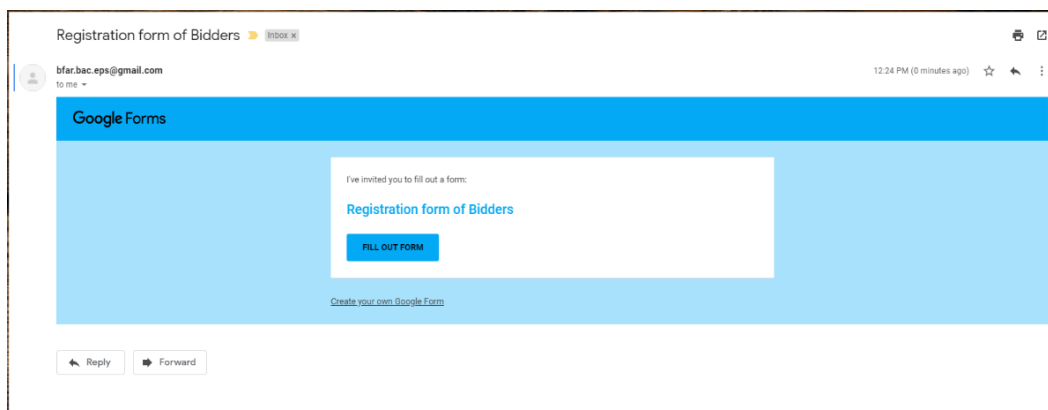


Figure 1.1

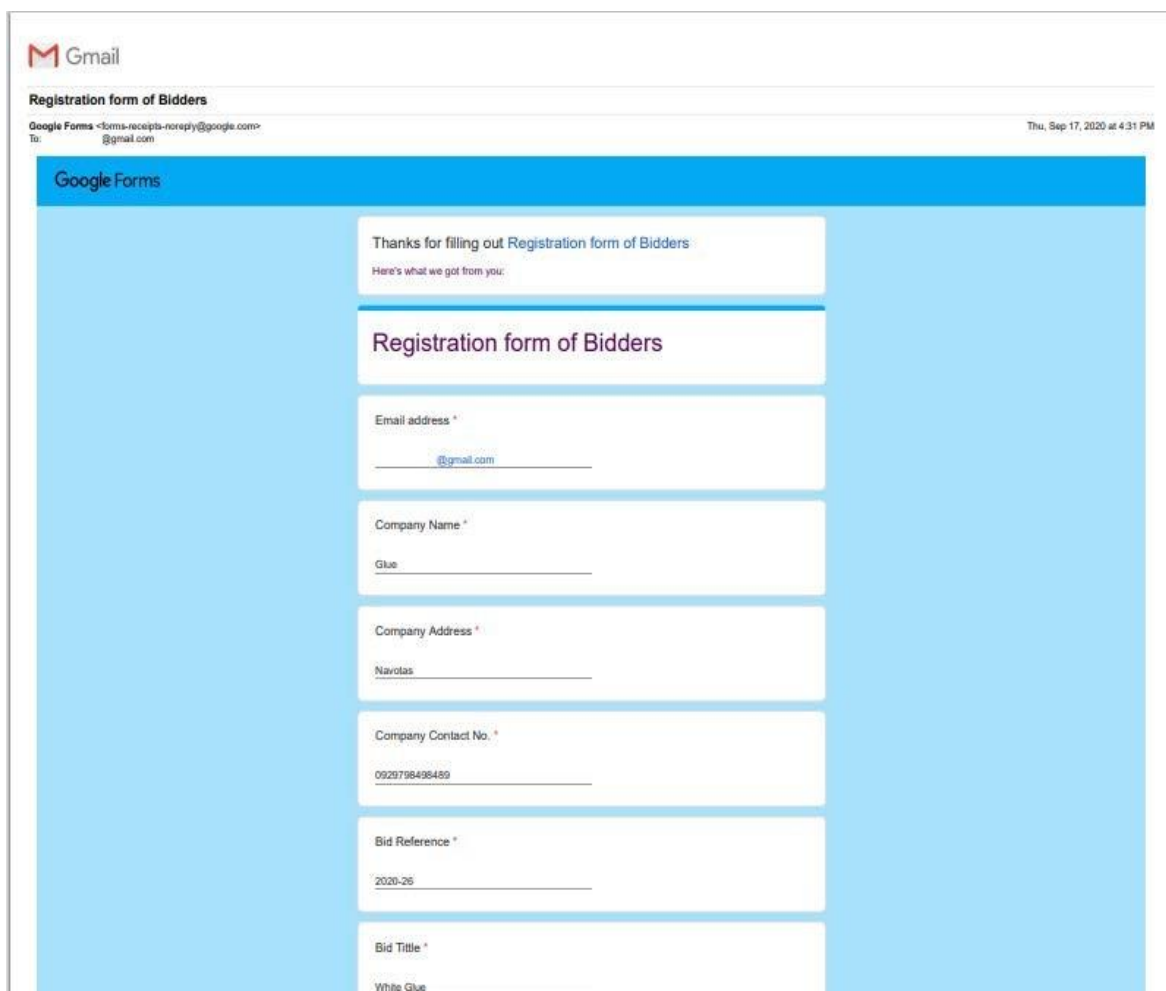
Step 2. Upon received, click the **FILL OUT FORM**.

Step 3. Bidder must fill in the following required information

A screenshot of the "Registration form of Bidders" Google Form. The form title is "Registration form of Bidders". Below the title is a note: "The name and photo associated with your Google account will be recorded when you upload files and submit this form. Not @gmail.com? [Switch account](#)". There is a red asterisk and the word "Required" below the note. The form has two visible input fields: "Email address *" with a sub-label "Your email" and a text input box, and "Company Name *" with a sub-label "Your answer" and a text input box.

Step 4. Click the **Add file** to upload Scanned Copy of Official Receipt (OR).

Step 5. After uploading of the Scanned Copy of OR, the bidder shall click the **Submit** button to complete the process and BAC Secretariat shall verify the submitted Official Receipt (OR).



The screenshot displays a Gmail inbox with an email from Google Forms. The email subject is "Registration form of Bidders" and the body contains a link to a Google Form. The form is titled "Registration form of Bidders" and includes several text input fields with asterisks indicating they are required. The fields are: "Email address" (with a placeholder "@gmail.com"), "Company Name" (with a placeholder "Glue"), "Company Address" (with a placeholder "Navotas"), "Company Contact No." (with a placeholder "0929798498489"), "Bid Reference" (with a placeholder "2020-26"), and "Bid Title" (with a placeholder "White Glue"). The form is set against a light blue background.

Registration form of Bidders

Thanks for filling out Registration form of Bidders
Here's what we got from you:

Registration form of Bidders

Email address *

@gmail.com

Company Name *

Glue

Company Address *

Navotas

Company Contact No. *

0929798498489

Bid Reference *

2020-26

Bid Title *

White Glue

Figure 5.1

Step 6. A copy of the response will be automatically emailed to the address provided by the bidders.

Step 7. Upon verification of the Official Receipt (OR), the BAC Secretariat shall send the Public Bidding Documents through the given email or shall provide a hard copy upon request. It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Step 8. The BAC Secretariat will send another Google Form link to the bidder, who already purchased the bidding documents, through email directing to the “Online Submission of the Bid”.

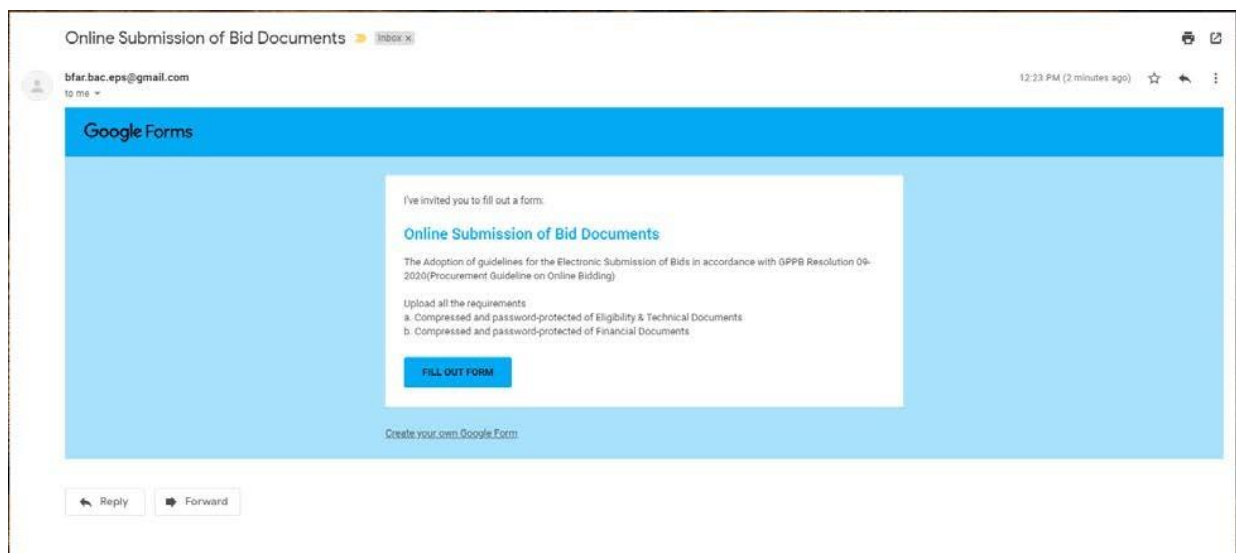


Figure 8.1

Step 9. Upon received, click the **FILL OUT FORM.**

Step 10. Click the **Add file** button to upload the compressed and password-protected files of Eligibility & Technical and Financial Documents

Online Submission of Bid Documents

The Adoption of guidelines for the Electronic Submission of Bids in accordance with GPPB Resolution 09-2020(Procurement Guideline on Online Bidding)

Upload all the requirements

- a. Compressed and password-protected of Eligibility & Technical Documents
- b. Compressed and password-protected of Financial Documents

The name and photo associated with your Google account will be recorded when you upload files and submit this form. Not [@gmail.com?](#) [Switch account](#)

*** Required**

Email address *

Your email

Eligibility & Technical Documents *

[Add file](#)

Step 11. Click the **Submit** button to complete the process. A copy of the response will be automatically emailed to the address provided by the bidder which can be saved or printed by the bidder, as proof of the official time of the submission and receipt of bids.



The image is a screenshot of a Google Form interface. At the top, the title "Online Submission of Bid Documents" is displayed in a large, black, sans-serif font. Below the title, a message in a smaller, grey font states "Your response has been recorded." At the bottom of the form, there is a line of small text: "This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)." The Google Forms logo is centered at the very bottom of the interface.

Figure 11.1

Online Submission of Bid Documents

Google Forms <forms-receipts-noreply@google.com>
To: @gmail.com

Sat, Sep 19, 2020 at 8:59 PM

Google Forms

Thanks for filling out [Online Submission of Bid Documents](#)

Here's what we got from you:

Online Submission of Bid Documents

The Adoption of guidelines for the Electronic Submission of Bids in accordance with GPPB Resolution 09-2020(Procurement Guideline on Online Bidding)

Upload all the requirements

- a. Compressed and password-protected of Eligibility & Technical Documents
- b. Compressed and password-protected of Financial Documents

Email address *

_____@gmail.com_____

Eligibility & Technical Documents *

Submitted files



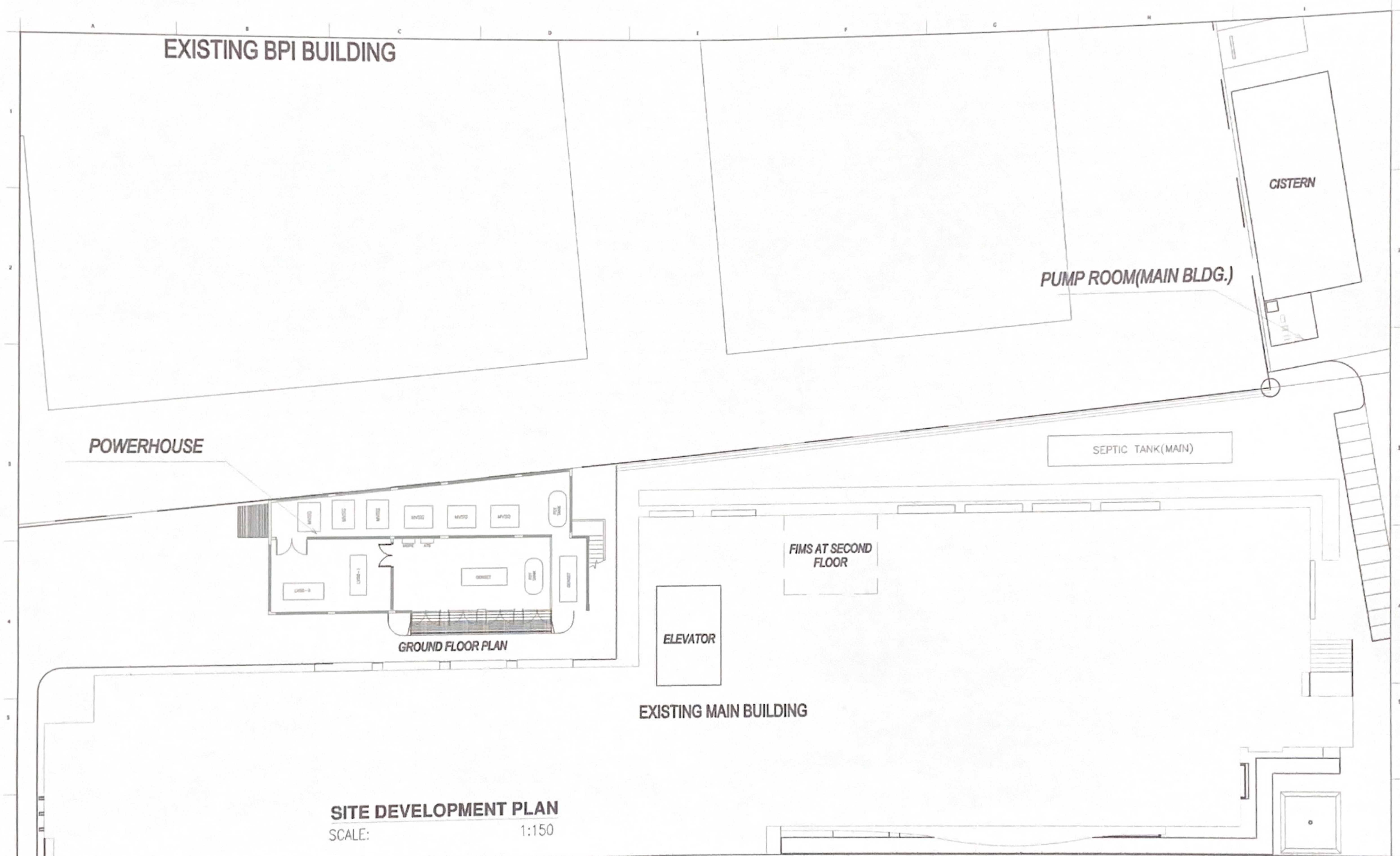
BFAR BID REFERENCE No.2020-1(LIVESTORNG INC.)Eligibility & Technical Document - BFAR BAC.zip

Financial Documents *

Submitted files



BFAR BID REFERENCE No.2020-1(LIVESTORNG INC.)Financial Document - BFAR BAC.zip



BUREAU OF FISHERIES AND AQUATIC RESOURCES

PREPARED BY:
ENGR. MARVIN T. CARPIO
ENGR. L. C.S.S.

PROJECT TITLE & LOCATION
BFAR MAIN BLDG. ANCILLARY SYSTEM MODERNIZATION
 LOCATION: BPI COMPOUND, BPIAN COMPLEX, VIÑA ALBA, QUEZON CITY

RA 9291 SECTION 31
 Drawings and specifications and other technical documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of BFAR-Bureau of Fisheries & Aquatic Resources, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the replication of and for other projects or buildings, whether executed jointly or in whole without the written consent of the (BFAR) or author of said documents.

RECOMMENDING APPROVAL BY:

APPROVED BY:

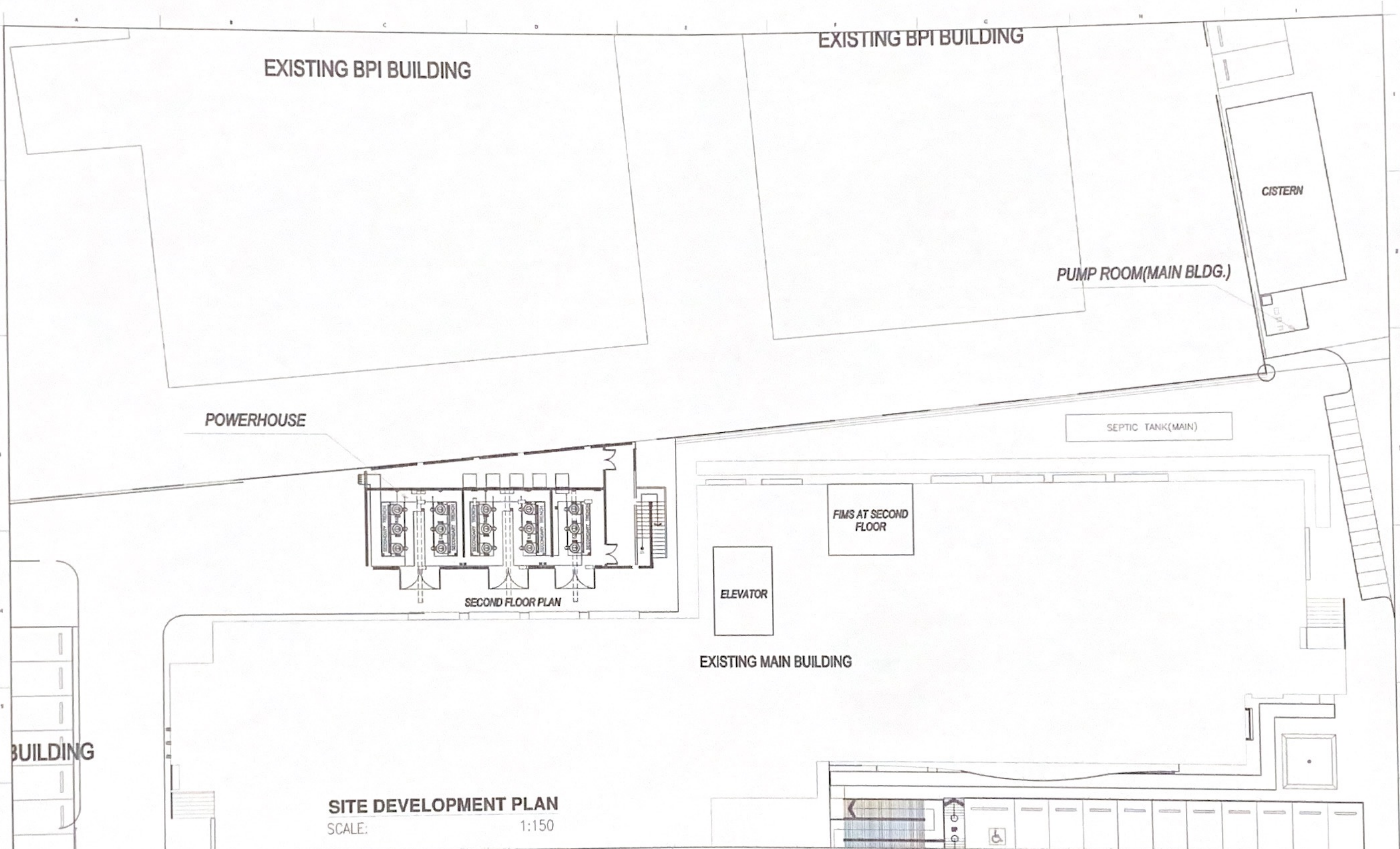
SHEET CONTENTS

AS SHOWN

SHEET NO.


E-01

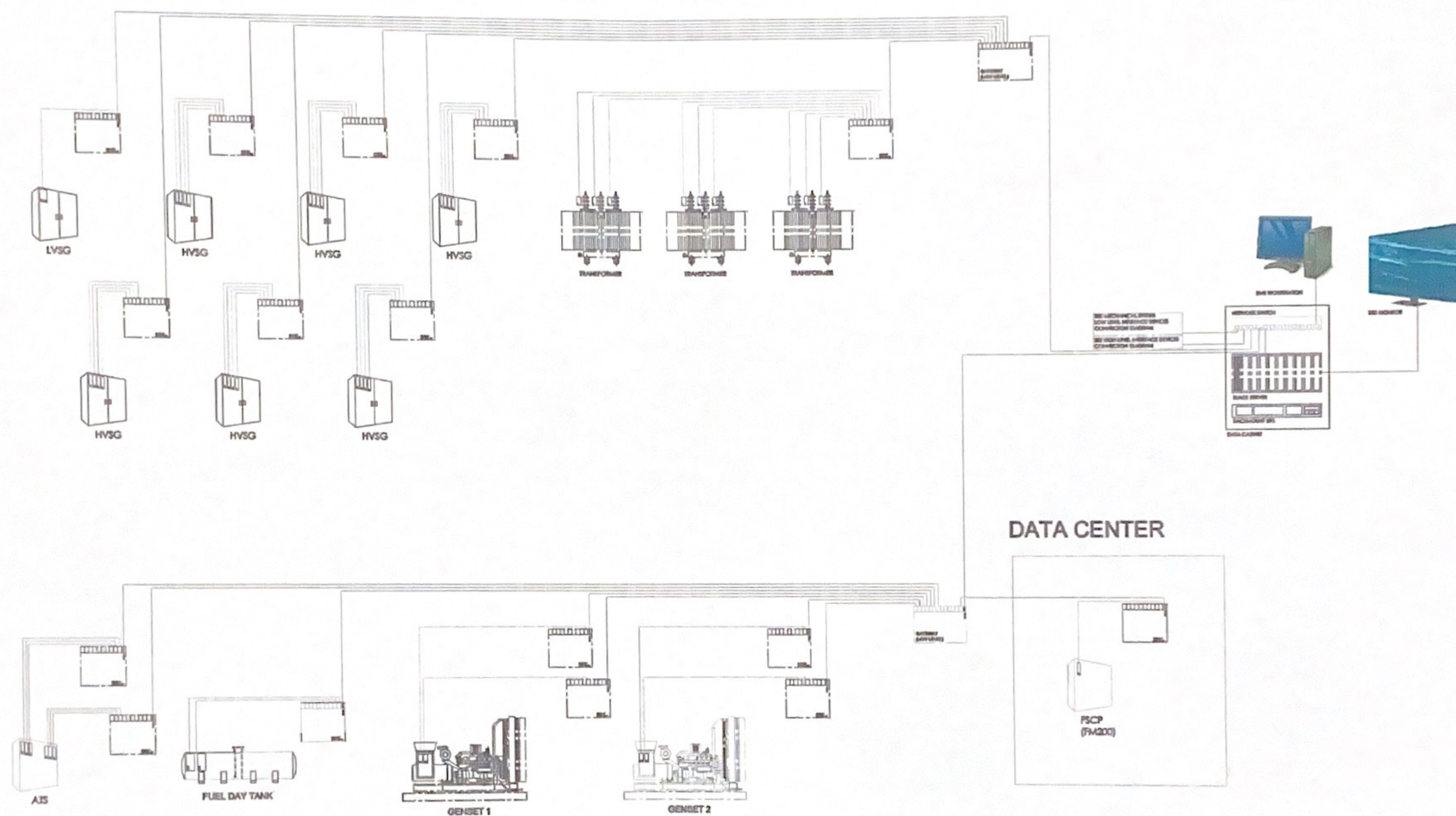
OF
SHEETS



SITE DEVELOPMENT PLAN


SCALE: 1:150

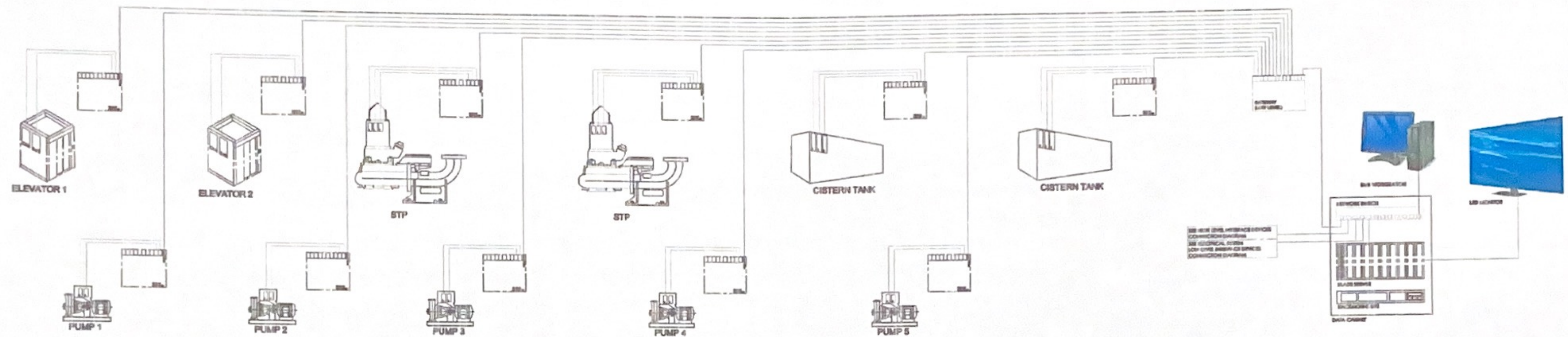
| | | | | | | | | |
|---|--|---|--|--|-----------------------------------|---------------------|---------------------------------------|---|
| <p>LOGO</p>  | <p>OWNER</p> <p>BUREAU OF FISHERIES AND AQUATIC RESOURCES</p> | <p>PREPARED BY:</p> <p><i>[Signature]</i></p> <p>ENGR. MARNEL F. CARIPIO ENGR. R. GSS</p> | <p>PROJECT TITLE & LOCATION</p> <p>BFAR MAIN BLDG. ANCILLARY SYSTEM MODERNIZATION</p> <p>LOCALITY: BPI COMPOUND, BFAR COMPLEX, VIÑA GIGION CITY</p> | <p>PIA 6009 SECTION 10</p> <p><small>Drawings and specifications and other technical documents duly signed, stamped or sealed, are instruments of service, and the intellectual property and documents of BFAR-Bureau of Fisheries & Aquatic Resources, whether the subject for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the execution of and for other projects or buildings, whether executed jointly or in whole without the written consent of the BFAR or author of said documents.</small></p> | <p>RECOMMENDING APPROVAL, BY:</p> | <p>APPROVED BY:</p> | <p>SHEET CONTENTS</p> <p>AS SHOWN</p> | <p>SHEET NO.</p> <p>E-02</p> <p>OF SITE PLAN</p> |
|---|--|---|--|--|-----------------------------------|---------------------|---------------------------------------|---|



**LOW LEVEL INTERFACE DEVICES
(ELECTRICAL SYSTEM)**

SCALE: N.T.S

| LOGO | OWNER | PREPARED BY | PROJECT TITLE & LOCATION | RA 9296 SECTION 33 | RECOMMENDING APPROVAL BY | APPROVED BY | SHEET CONTENTS | SHEET NO. |
|---|--|--|--|---|--------------------------|-------------|-----------------|--|
|  | BUREAU OF FISHERIES AND AQUATIC RESOURCES | ENGR. MARCEL F. CARPIO <i>(Signature)</i> ELECT. GSS | BFAR MAIN BLDG. ANCILLARY SYSTEM MODERNIZATION <small>LOCATION: RMP COMPOUND, BFAR COMPLEX, NAIPA, QUEZON CITY</small> | <small>Drawings and specifications and other contract documents duly signed, stamped or sealed as instruments of service, are the intellectual property and documents of BFAR-Bureau of Fisheries & Aquatic Resources, whether the design for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the execution of and for other projects or buildings, whether executed partly or in whole without the written consent of the BFAR or author of said documents.</small> | | | AS SHOWN | E-03 <small>OF SITE PLAN</small> |

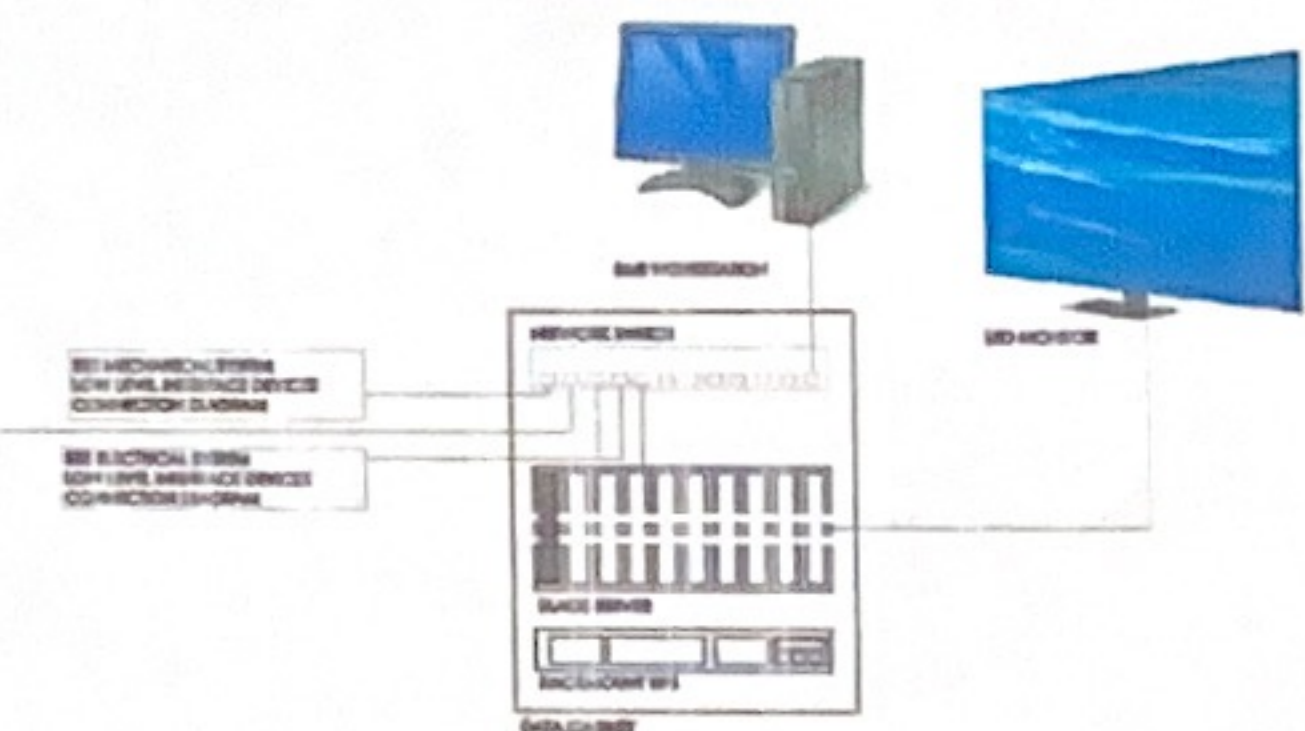
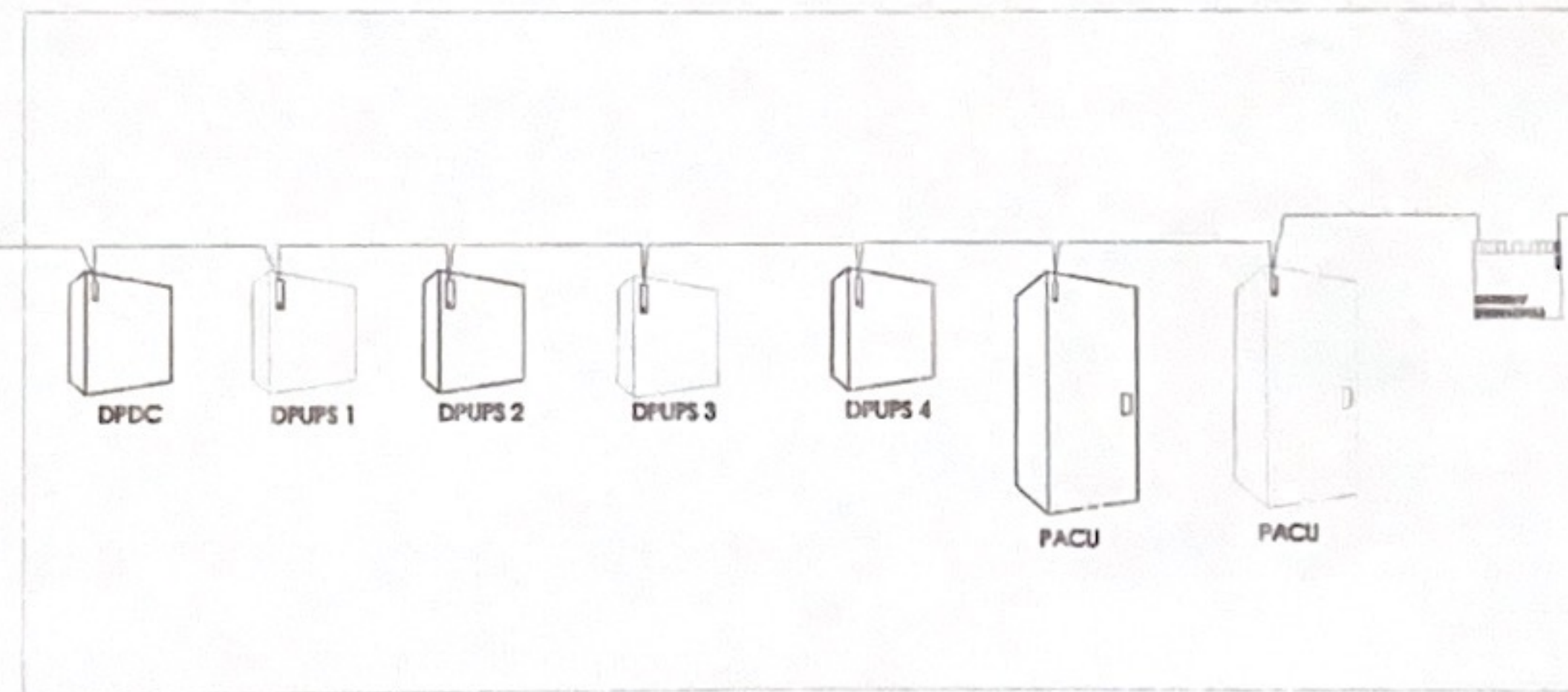
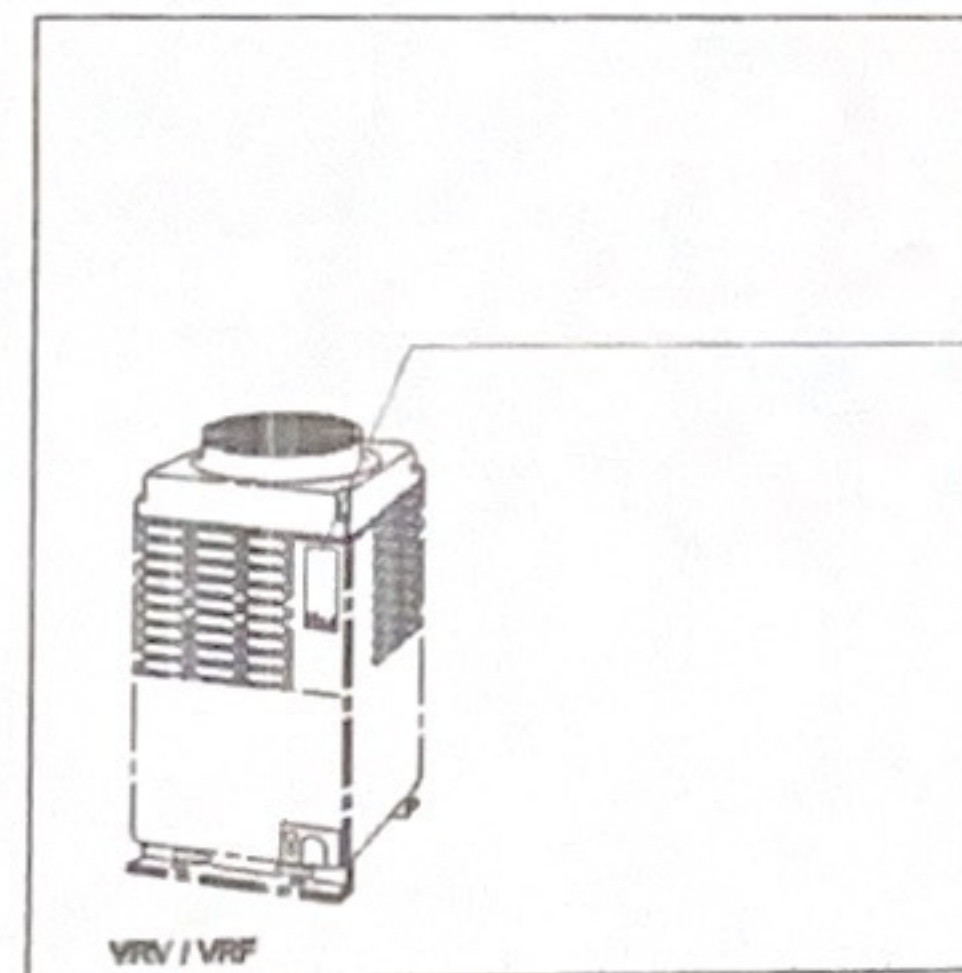


LOW LEVEL INTERFACE DEVICES (MECHANICAL SYSTEM)

SCALE: N.T.S

MECHANICAL SYSTEM

DATA CENTER



HIGH LEVEL INTERFACE DEVICES (MECHANICAL SYSTEM)

SCALE: N.T.S

| | | | | | | | | |
|-------|---|--------------------------------------|--|---|------------------------|--------------|-----------------|----------------------|
| LOGO: | OWNER: | PREPARED BY: | PROJECT TITLE & LOCATION: | RA 2016 SECTION 11: | RECOMMENDING APPROVAL: | APPROVED BY: | SHEET CONTENTS: | SHEET NO.: |
| | BUREAU OF FISHERIES AND AQUATIC RESOURCES | ENGR. MARCEL F. CARPIO ENGR. REG. | BFAR MAIN BLDG. ANCILLARY SYSTEM MODERNIZATION LOCATION: BPP COMPOUND, BFAR COMPLEX, VIÑA ALABON CITY | Drawings and specifications and other related documents duly signed, stamped or sealed, as instruments of service, are the property of the Bureau of Fisheries and Aquatic Resources, whether the subject for which they are made is intended or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole without the written consent of the BFAR or owner of said documents. | | | AS SHOWN | E-04 01 SITE PLAN |