

# **PHILIPPINE BIDDING DOCUMENTS** Government of the Republic of the Philippines

# Bid Reference. No. 2024 – 13

# **"IMPROVEMENT OF JAPTC SUPPORT FACILITIES-POWER HOUSE & POWER SUPPLY LINE AND BLOWER/PUMP HOUSE"**

P.R.NO.	Lot No.	Approved Budget for the Contract (ABC)	End-User
24-02-90	1	PhP 4,021,446.59	MS. ABEGAIL A. ALBALADEJO

Sixth Edition July 2020

## Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the "Works") through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- **a.** All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- **b.** Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- **c.** This Preface and the footnotes or note in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- **d.** The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- **f.** For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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## 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.

Section I. Invitation to Bid



Republic of the Philippines Department of Agriculture BUREAU OF FISHERIES AND AQUATIC RESOURCES BIDS AND AWARDS COMMITTEE OFFICE 2/F Fisheries Building Complex, BPI Compound, Brgy. Vasra, Visayas Ave., Quezon City | www.bfar.da.gov.ph | bac.eps@bfar.da.gov.ph | 0999 886 5159

## **INVITATION TO BID:**

## **BID REFERENCE NO. 2024-13**

# "IMPROVEMENT OF JAPTC SUPPORT FACILITIES-POWER HOUSE & POWER SUPPLY LINE AND BLOWER/PUMP HOUSE"

The Department of Agriculture - Bureau of Fisheries and Aquatic Resources (DA-BFAR), through the General Appropriations Act for 2024 intends to apply the sum of Four Million Twenty-One Thousand Four Hundred Forty-Six Pesos and 59/100 (PhP4,021,446.59) being the Approved Budget for the Contract (ABC) to payment under the contract for Bid Reference No. 2043 – 13 entitled "IMPROVEMENT OF JAPTC SUPPORT FACILITIES-POWER HOUSE & POWER SUPPLY LINE AND BLOWER/PUMP HOUSE". 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)
24-02-90	1	IMPROVEMENTOFJAPTCSUPPORTFACILITIES-POWERHOUSE& POWERSUPPLYLINEBLOWER/PUMP HOUSE	4,021,446.59	5,000.00
		TOTAL	4,021,446.59	5,000.00

- 2. The DA BFAR now invites bids for the above Procurement Project. Completion of the Works is required within *sixty (60) 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).
- **3.** Bidding will be conducted through open competitive bidding procedures using non-discretionary *"pass/fail"* criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- **4.** Interested bidders may obtain further information from DA BFAR BAC Secretariat and inspect the Bidding Documents at the address given below during office hours from **8:00 AM** to **5:00 PM**, **Monday** to **Friday**.

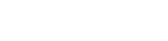
- **5.** A complete set of Bidding Documents may be acquired by interested bidders starting on **March 1, 2024, 8:00 AM** to **5:00 PM** at the **given address and website/s** below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount stated above. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, or through electronic means.
- 6. The DA BFAR will hold a Pre-Bid Conference<sup>1</sup> on March 8, 2024, Friday at 1:30 PM through videoconferencing/webcasting via "Zoom" application, 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 <a href="https://docs.google.com/forms/d/e/1FAIpQLSeApwg4xk3LO5cyoDIHDAWCWyl">https://docs.google.com/forms/d/e/1FAIpQLSeApwg4xk3LO5cyoDIHDAWCWyl</a> C6Inv8dq745P79mgDII518g/viewform?usp=pp\_url and in accordance with the "Annex A, Bidder's Kit – I".
- 7. Bids must be duly received by the BAC Secretariat through, the options given below and as indicated in **ITB** Clause 15 of this bidding documents, on or before **March 20, 2024, Wednesday** at **1:00 PM**. Late bids shall not be accepted:
  - (i) manual submission at the office address: 2/F BAC Office, Fisheries Building Complex, BPI Compound, Visayas Avenue, Diliman, Quezon City; or
  - (ii) both (manual and electronic submission at <u>bac.eps@bfar.da.gov.ph</u> through BFAR BAC Online Bidding Procedure).
- **8.** All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
- **9.** Bid opening shall be on **March 20, 2024, Wednesday** at **1:30 PM** through video conferencing or webcasting via **"Zoom"** application. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity and in accordance with the BFAR BAC procedure for online bidding as stated in the **"Annex A, Bidder's kit VII"**.
- **10.** 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- **11.** For further information, please refer to:

BFAR – BAC Secretariat 2<sup>nd</sup> Floor – BAC Office, Fisheries Building Complex, BPI Compound, Visayas Avenue, Diliman, Quezon City. <u>bac.eps@bfar.da.gov.ph</u> (02) 8332-4661 **12.** You may visit the following websites:

For downloading of Bidding Documents: www.bfar.da.gov.phForonlinebidsubmission:https://docs.google.com/forms/d/1nwrfEE7tqRE46Vc5QyL6badizDBGovj-<br/>8Frp14H0QRw/prefill8Frp14H0QRw/prefill

Issued this 29th day of February 2024.

**Original Signed** <u>ATTY. MICHAEL S. ANDAYOG</u> Chairperson, Bids and Awards Committee



# Section II. Instructions to Bidders

## 1. Scope of Bid

The Procuring Entity, DA – BFAR invites Bids for the **"IMPROVEMENT OF JAPTC SUPPORT FACILITIES-POWER HOUSE & POWER SUPPLY LINE AND BLOWER/PUMP HOUSE"**, with Project Identification Number **2024-13**.

The Procurement Project (referred to herein as "Project") is for the construction of Works, as described in Section VI (Specifications).

### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for FY 2024 in the amount of Four Million Twenty-One Thousand Four Hundred Forty-Six Pesos and 59/100 (PhP4,021,446.59).
- **2.2.** The source of funding is General Appropriations Act.

### 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; (b) climatic conditions; (c) 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 criterial 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 on the specified date and time through video conferencing or webcasting via **"Zoom"** application 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 special PCAB License in case of Joint Ventures, 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 one hundred twenty days (120) from the date of the opening of bids. 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 bids in accordance with **Section III – Bid Data Sheet, ITB Clause 16**.

### 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 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

ITB Clause					
5.2	For this purpose, contracts similar to the Project refer to contracts which				
	have the sam	have the same major categories of work, which shall be:			
	<b>a.</b> Impro				
	-				
			eted a single contract that is similar to		
			least <b>fifty percent (50%)</b> of the ABC		
		n <b>five (5) years</b> prior t ot of bids.	o the deadline for the submission and		
7.1	· · · · ·	ng is not allowed.			
10.3			ntractors Accreditation Board (PCAB)		
		irement shall be:			
	Size Range:	at least Small B			
	License Cate	egory: C & D			
	Principal Cla	assification: General B	uilding		
10.4		onnel must meet the r	equired minimum years of experience		
	set below:				
	Key Person	-			
	Project Engin	-	-		
	Electrical Eng		2		
	Mechanical E General Fore		-		
10.5		5	uirements are the following:		
1010	Number				
	of Units	Equipment			
	1	One-Bagger Mixer	Owned, leased, and/or under		
			purchase agreements, supported by		
	1	Elf Truck	proof of ownership, certification of		
	L L	EIITIUCK	availability of equipment from the equipment lessor/vendor for the		
			duration of the project.		
12	No further in:	structions.			
15.1			of a Bid Securing Declaration or any of		
	the following forms and amounts:				
	a. The amount of not less than <u>PhP80,428.93</u> two percent (2%) of				
	<i>ABC</i> , if bid security is in cash, cashier's/manager's check, bank				
	draft/guarantee or irrevocable letter of credit;				
	<b>b.</b> The amount of not less than <b>PhP201,072.33</b> five percent (5%) of				
	<i>ABC</i> if bid security is in Surety Bond.				
16	Participating bidders/suppliers may submit their bidding documents				
	through eithe	through either of the following forms:			

# **Bid Data Sheet**

1. Hard Copy/Physical Document
• Submitted directly through the BAC Office Address:
<u>Bids and Awards Committee (BAC) Office</u> <u>Bureau of Fisheries and Aquatic Resources</u> <u>Fisheries Building Complex, BPI Compound, Visayas Ave, Diliman,</u> Quezon City
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.
2. Electronic and Hard Copy Document
<ul> <li>The hard copy/physical document shall be scanned and encrypted with password <i>(refer to Annexes – BFAR-BAC Online bidding Procedure).</i></li> <li>The scanned document will be sent via email at <u>bac.eps@bfar.da.gov.ph</u></li> </ul>
Bidders/suppliers may opt to submit both electronic and hardcopy in compliance with the abovementioned details.
Note: In case the electronic copy is discovered 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.
A. GUIDELINES ON LABELING AND MARKING OF BID ENVELOPE FOR THE SUBMISSION OF HARD COPIES:
<ol> <li>Main envelope shall:         <ul> <li>a) bear addressed to the Procuring Entity's BAC;</li> <li>b) bear the specific identification/Bid ref. no. of this bidding;</li> <li>c) contain the name of the contract/Project Title to be bid;</li> <li>d) bear the Company Name, Company Address and Contact details of the Bidder; and</li> <li>e) bear a warning "DO NOT OPEN BEFORE" (the date and time of opening of Bids);</li> </ul> </li> <li>Bidders shall enclose the First component (Eligibility and Technical</li> </ol>
<ul> <li>documents) and Second components (Financial documents) of their bid;</li> <li>3. Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid;</li> </ul>

	4. The inner envelopes of the first and second component shall be				
	similarly sealed and duly marked as Original, Copy 1 and Copy 2; and				
	5. Each component must contain Table of Contents and all documents				
	attached should be properly tabbed and bound; and				
	6. All pages should be signed by the bidder's authorized representative.				
	SEALING AND MARKING OF BIDS				
	FORMAT FOR LABELLING OF BID ENVELOPE (for each component)				
	TECHNICAL				
	ATTY. DEMOSTHENES R. ESCOTO COMPONENT Chairperson (Bigbility and Technical				
	Bids and Awards Committee Documental COPY 2				
	Diliman, Quezon City				
	Bid for: Bid Ref. No.:				
	Project Title:				
	Submitted by:				
	BIDDER'S COMPANY NAME     BIDDER'S CONTACT DETAILS				
	DO NOT OPEN BEFORE:				
	LABELLING AND MARKING INSTRUCTIONS				
	<b>Important:</b> DA-BFAR will assume that the submitted electronic copies				
	must be the same as the printed copies.				
	B. GUIDELINES ON ELECTRONIC/ONLINE SUBMISSION AND				
	B. GUIDELINES ON ELECTRONIC/ONLINE SUBMISSION AND RECEIPT OF BIDS:				
	Please see BFAR BAC Online Procedure, Annex A to C				
19.2	No further instruction.				
20	No further instruction.				
21	Additional contract documents relevant to the Project that may be required				
	by existing laws and/or the Procuring Entity, such as <b>construction</b>				
	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.				
	<b>NOTE:</b> The Construction Safety and Health Program approved by the				
	Department of Labor and Employment (DOLE) shall be submitted within				
	sixty (60) calendar days from receipt of Notice to Proceed.				

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 occasionedon 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 shall be within <i>Sixty (60) Calendar</i>		
	<i>days</i> upon receipt of the Notice to Proceed;		
4.1	The DA – BFAR shall give temporary possession of all necessary parts		
	of the Site to the Contractor from the date of the effectivity of contract		
	until the date of its termination and/or project completion.		
6	The site investigation reports are:		
	Site Inspection should be conducted prior to the conduct of Bid		
	Opening Conference to enable the bidder/contractor to submit their		
	queries/issues on the project, and the bidder/contractor must have a		
	Certificate of Site Inspection issued by Mr. Rowvic Docena		
	/09261670789		
7.2	One (1) year warranty.		
10	No dayworks are applicable to the contract.		
11.1	The Contractor shall submit the Program of Work to the Procuring		
	Entity's Representative within <i>five (5)</i> calendar days of delivery of		
	the Notice of Award.		
11.2	No further instruction.		
13	The amount of the advance payment <i>shall not exceed 15% of the</i>		
	total contract price and schedule of payment.		
14	No further instruction.		
15.1	No further instruction.		
15.2	No final payment shall be made by the DA-BFAR unless the		
	Contractor prepares and submits the required as-built		
	plans/drawings and/or operating and maintenance manuals.		

## Section VI. Specifications "improvement of japtc support facilities-power house & power supply line and blower/pump house"

**Approved Budget for the Contract (ABC)** : PhP4,021,446.59

			Statement of Compliance
QUANTITY	UNIT	ITEM DESCRIPTION	[Bidders must
I. GENERAL REQUIREMENTS		state here either	
1	lot	Mobilization & Demobilization	"Comply" or "Not Comply" against
1	lot	Temporary Facilities	each of the individual
1	lot	Application of Necessary Permits	parameters of each
1	lot	Construction Safety	Specification stating the
1	lot	Project Signage	corresponding
II. SUPPOR	T FACIL	ITIES	performance parameter of the
1	lot	Construction of Power House & JAPTC Power Supply	equipment offered. Statements of
1	lot	Construction of Pump/Blower House	"Comply" or "Not Comply" must be
<u>TERMS OF REFERENCE</u> I. INTRODUCTION		supported by evidence in a Bidders Bid and	
The work shall include labor, materials, tools, demolition, clearing, restoration, inspection, and all necessary general conditions, that may be reasonably inferred from the contract documents to provide construction of the abovementioned project.			cross-referenced to that evidence. Evidence shall be in the form of manufacturer's
The completion	on period	l for the aforementioned project is:	un-amended sales literature,
• Sixty (60 CD) Calendar days for the completion of project.			unconditional statements of specification and
<b>II. TECHNICAL SPECIFICATIONS</b> The said project shall be of <i>IMPROVEMENT OF JAPTC SUPPORT FACILITIES</i> – <i>POWER HOUSE &amp; POWER SUPPLY LINE, AND BLOWER/PUMP HOUSE.</i> It must be complete with all necessary construction supply needed to complete the project.		compliance issued by the manufacturer, samples, independent test data etc., as	
<ul> <li>A. POWER HOUSE</li> <li>a. SITE WORKS</li> <li>• Hauling of materials and debris including all necessary works.</li> </ul>		appropriate. A statement that is not supported by evidence or is	

- All embedded service connections must be verified by the contractor and all relocations and repairs of such items must be at the expense of the contractor.
- Construction of temporary facilities will be provided by the contractor.

### b. ARCHITECTURAL REQUIREMENTS

- Supply and Installation of Rubberized Floor Finished for Slab and Plain Concrete Finished at pavement area
- Supply and installation of Steel Louvered Doors including all necessary works (see attached dwg. for reference)
- Supply and installation of Steel Window including all necessary works (see attached dwg. for reference)
- Supply and installation of Metal Spandrel and Hardiflex Ceiling including all necessary works provide manhole for maintenance purposes (see attached dwg. for reference)
- Painting Works for Interior and Exterior Walls.

### c. STRUCTURAL REQUIREMENTS

- Supply and Installation of concrete 21mpa include footing, column, roof beam, slab on grade and Wall footing for Power House.
- Supply and installation of Reinforcements Grade 40
- Supply and Installation of Masonry wall CHB 6" for Exterior Walls and 4" for Interior Walls
- Excavation must cover the area of the isolated footing and footing tie beam of the building mentioned.
- Backfilling must be done in layers in thickness not more than 40cm and must be watered (to achieve optimum water ratio) before compaction. After the forms are removed, all trash, wood chips and other debris shall be removed from areas to be backfilled. Backfill materials shall consist of approved site excavated materials which would be detrimental to compaction requirements.

### d. **ELECTRICAL REQUIREMENTS**

- Supply and installation of Panel Box and Cabling (Manual Transfer Switch- MTS) (see attached dwg. for reference).
- Supply and installation of Panel Box and Cabling (Main Distribution Panel MDP) (see attached dwg. for reference).
- Supply and installation of Panel Box and Cabling (PPG) (see attached dwg. for reference).
- Supply and installation of Led recessed pin lights, wiring, switches including all necessary works (see attached dwg. for reference).
- Supply and installation of outlets, wirings including all necessary works (see attached dwg. for reference).
- Supply, Delivery and installation of 25kVA, 3-Phase Diesel Generator set (Silent Type).

### B. BLOWER/PUMP HOUSE

subsequently found to be contradicted bv the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, postqualification or the execution of the Contract may be reaarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]

### a. SITE WORKS

- Hauling of materials and debris including all necessary works.
- All embedded service connections must be verified by the contractor and all relocations and repairs of such items must be at the expense of the contractor.

#### b. ARCHITECTURAL REQUIREMENTS

- Supply and Installation of Rubberized Floor Finished for Slab and Plain Concrete Finished at pavement area.
- Supply and installation of Steel Louvered Doors including all necessary works (see attached dwg. for reference)
- Supply and installation of Steel Window including all necessary works (see attached dwg. for reference)
- Supply and installation of Metal Spandrel and Hardiflex Ceiling including all necessary works provide manhole for maintenance purposes (see attached dwg. for reference)
- Painting Works for Interior and Exterior Walls.

#### c. STRUCTURAL REQUIREMENTS

- Supply and Installation of concrete 21mpa include footing, column, roof beam, slab on grade and wall footing for power house.
- Supply and installation of Reinforcements Grade 40
- Supply and Installation of Masonry wall CHB 6" for Exterior Walls and 4" for Interior Walls
- Excavation must cover the area of the isolated footing and footing tie beam of the building mentioned.
- Backfilling must be done in layers in thickness not more than 40cm and must be watered (to achieve optimum water ratio) before compaction. After the forms are removed, all trash, wood chips and other debris shall be removed from areas to be backfilled. Backfill materials shall consist of approved site excavated materials which would be detrimental to compaction requirements.

#### d. ELECTRICAL REQUIREMENTS

- Supply and installation of Panel Box and Cabling (Power Panel PP) (see attached dwg. for reference).
- Supply and installation of Led recessed pin lights, wiring, switches including all necessary works (see attached dwg. for reference).
- Supply and installation of outlets, wirings including all necessary works (see attached dwg. for reference).

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.

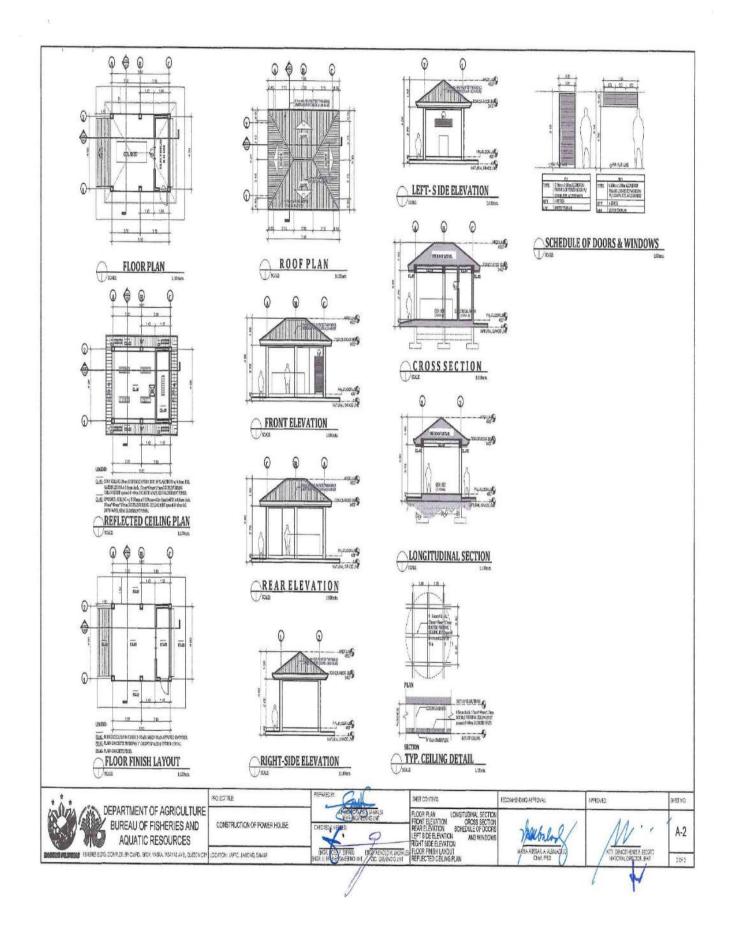
Name of Company

Signature over Printed Name of Authorized Representative

Date

Section VII. Drawings





### GENERAL NOTES: 1.0 CENERAL VELODY FRESHOL & HORI T, et a 17 bit-Alberty's A FOOTNES & BOT, OF FOOTNE TIC BOM + Them (INCE AGAINET DETIN) 8: SEES OF FOOTNE TIE BEAMS + SOME (DATI HEAMS) 0: SEMIS AND COLLIMES + HEAMS (TO STREEPS AND THES) 0: SUMES AND VALUE + 20MM (INCE AGAINST FORME) 6.0 NOTES ON BEANS AND GROOPS $\begin{array}{l} \text{RECM, $Y$ is in inverse. Inclusion of the interval of$ All DRDGOVS ARE SHOW IN MELINERES, ELEVATORS ARE IN AUTORS, UNLESS METID CHEMINAL. 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C DAU HALLS : YERROR BURS SHALL BE SPUSED AT THE TOP OF WALL FOOTING OF THE BEAM AND AT THE SOTTON OF RC UNTEL BEAM OR BEAMS, SPLICE LENGTHS SHALL BE BEDAM WOL 7.4 TUL/BOORL SHALL BE FLACED IN 200 KM LATERS AND EACH LATER SHALL BE COMPACTED TO SOL MAXIMUM ORY DENSITY BOTORE SUBJECTUAR LATERS ARE TO BE LAD. 4.2.7 UMERS INCOMED OPERATE ALL EDUS EDURATION AT THE OCCURE DUAL INSI 107 KID INTEN IDAS DOESDIN TO THE THE OF THE OCCURE, TRANSPORT IN A STANDARD NO KORE LONGH OF ANOMARIE KIT LOSS THAN EDURAL 2.0 STANDARES AND REFERENCES | THE FOLLOWING SHILL ODERN THE SESSION, FRANCISION AND CONSTRUCTION OF THE MODICT : 4.2.3 SKP GRAINES FOR EDILING ING DITING OF PENTADOMENT SHALL BE SUBJECTO FOR APPROVA, TO THE DIGINEER PROF TO FUNDACION. MERCAN CORCELE INSTITUTE ( AN PURCHTURE ) ; MERCAN CORCELE INSTITUTE ( AN PURCHTURE ) ; MERCAN CORCELE INSTITUTE ( AN EXAMINATION ) ; MERCAN CORCELER INSTITUTE ( AN EXAMINATION ) ; LAP SPLICE & ANCHORAGE LENGTH TABLE 43 + THE ORDARO ROOM AREA OF THE STRUCTURE. DATINGUALE BASE BACAR, (V) 47.9 SPACE LENCH OF NEW DREAD, BARS SHALL BE AS SHORN IN THE TABLE BELOW. IDECKSNA HEINER HEINER (m) 43 STRUTTERIC STEEL/WHITE BOOTS/BOOTS/RELTS & WEDNESDS THE TOTAL DISCH SHEE SHEAR IN A CHEN DROCTOR SHALL BE DETERMINED THOM THE PERSONNE FORMULA 11 MERCIA INSTITUTE OF STELL ODVERACES, BACK PLACEMENT INARIA, OF STELL ODVERACES, WATH CORM. "RUDWARE TRUSS OLDON" (RO) 10 160 110 100 848 CHERS 100 848 00405 all all spectrum, stell shall have a minimu tell spectra $f_{\rm T}$ = 346 Mpc (c), ksp and same consistent to as a 35 spectration. 10 0.50 0.15 0.13 0.10 0.42 0.20 0.42 0.30 0.517 0.30 0.30 $V = \frac{Cr1}{R1}$ (N) 2.5 ANCREAN WEIDING SCIEFT (ANS) PUBLICATION D.1.1-2000 432 AL STRICTION, STEE SHALL BE FARMANTS AND EXECTED IN ACCORDANCE WHI THE ASS SPECIFICATIONS (INH EDITION) AND COSE OF STAMPING PRACTICE IN ANELLED TO DOE 12 0.59 0.29 0.15 0.12 0.42 0.20 0.42 0.30 0.585 0.20 0.30 WID NEED HOT EXCELD THE FOLLOWING 11 200 200 201 100 202 201 201 200 24 AMERICAN SIDELY FOR TESTING WATERING DATING 4.3.3 ALL COLD FORMID STEEL SHALL HAVE A MINIMUM STEELICH, $f_{\rm y}$ = 2.55 MPg (32 KS) 25 INVIOUR STRUCTURAL CODE OF THE PHERPARES (NO.27) YOL 1, SAUTH EPICH 2010 $x = \frac{25 \text{ Cel}}{25 \text{ Cel}} \langle 0 \rangle$ 4.3.4 KG STEL SHAL IE FARKARED OF EFECTIO UVE SHOP DRAMAS HAVE BEDS APPROVED BY THE STRUCTURE DROWER. 76 ASSOCIATION OF STRUCTURAL DIVIDUES OF THE PHELIPPLES (REP) HANGBOOK OF STRUCTURAL STELL SHAFTS AND SUCCIDE, 1987 BUT SHALL HAT HE LESS THAN THE FOLLOWING: 433 ALL SKY AND FEID VEIDING SHALL HE IN ADDREASE WITH ANS D.1.1-2011 AND PERCENED BY DUALFED VEIDING. ¥ = 4.0.Call# 27 LINFORM ELECTING CODE (LINC), VOL. 2 1997 EDITION IN MOTION FOR SEGNIC ZONE 4, THE YORK BASE SHALL ALSO BE NOT LESS THAN THE FOLLOWING: 4.54 UNLES NOTATED OF EAVEL, VELONE CLEATRONES SHALL AL LINES, MICHIN THOMESS OF WOLE SHALL AL SAM, COLUMPI/THALL FRCE NITES 10 BASIC DESIGN LOADS NOTS LLO STODIE TA STREET INE DIGENICA LINCH OF HARDLA, BIOS HAN A BLOCK, DI STODIE TA STREET INE DIGENICA LINCH AN ALDORDO SHE THE INSEE OF HARDLAND JAN HARD HARDLAND AN ALDORDO SHE THE INSEE AND ALD AND JAN HARD HARDLAND SHALL DI HARD HARDLAND ALD THE INSEE AND HARD HARDLAND LAN HARDLAND HARDLAND ALD THE INSEE AND HARD HARDLAND LAN HARDLAND LINCH HARDLAND HARD AY HARD HAN STREM STREME THE INSEE THE TANKHOLME. V + 452 5+ (W) 4.3.7 IALSS CHERWSE INDEXED ALL ANCHOR BOLTS SHALL CONFORM TO ATTN ALSO SPECIFICATIONS 11 DESEX (005 00) -140 A.3.8 BEA'S FOR HEAD'T CONNECTIONS SHALL HE HIGH STRENCTH BOLTS, CONTORNING TO ASTH ASSA FRENCH THE WITH WASHERS -SESING ZONE FACTOR IMPORTANCE FACTOR SYSTEM, BUCKLEY DAPACTY SESING FORCE DAPACTY 2 = 0.40 1 = 1.0 R = 8.5 (DuB<sup>2</sup>) Bu= 2.8 1.1.1 CONCRETE 1.1.2 STRUCTURE STEEL 1.1.3 COUNC 3.1.4 FLOOR FLOOR 3000 34/12 77/12 34/12 0.50 979 1.50 979 2.11 254 2.73 단ち W.cz IST C UT I 4.4 CENCRETE NASONEY LEATS (CMU) 14.1 CAU 1920 In Table Works Shell Hole A Hondrin Ultilate COMPENSA: SIME-KIN in the Second K Follow INDAV HOLE NOV-LOUG BLANKS CAU, 1'm + 24 Kins (500 HS) ISSNE HOL: NOV-LOUG BLANKS CAU, 1'm + 24 Kins (500 HS) 31.5 COMM THE CHE MUL 31.5 COMM THE CHE MUL second force understocked second source three neur - source three in neur - source title, no • A • 14 LAS HUCH AS PROTERIES, PRICES SUBJECTED TO TOMORE STREAMS ARE INSTALLARD, MESS SPORD BE MEDIES OF PROTEID BY SUMDARD HESPES \* 10 5-001 SCALE NTS 4.0 ULTRUIS 4.2.7 ALL CELLS SHALL BE SOLICLY FULDS WHY DROTT, CONCRETE SHALL HAVE A WITHKIN CONFRESSIVE STRENGTH OF 13-59 MHz (2000 PS) IN 28 SAYS. 12 DE 10405 (LI) NZ.1 RESOLVER. 31.2 EXTERIOR SACON 32.3 DECK LOVE 1.30 IPo 2.90 IPo 1.00 IPo 4.90 IPo 4.90 IPo 4.1 NORMA VERY CONDETE : 12.3 UNLES INDOTED OTHERSE, CAN REMOVED WIT SHUL SE TOMO HER, SHES & ADD IND TORMY VERI, SHES & SOO 4.1.1 CONCRETE USED IN THIS MORE SHALL MINE & MOMAIN COMPRESSIVE STREATH # 28 DAYS 45 FOLLOWS 424 AL VALS SHIL & CONTRACTO N CONDITION, RANKIO 2010 UNLESS 10102 CHERNES 12.4 FLACTON AREA 32.5 ROD' DEDX 125 TRUE WOORT IN JAN NAMEN LITS SEMPRICE SALL IS SCHARD AUNT DERACED FRAD TO BODING IF WEL PROFERE IN NETWORS SET DETERMENT AND THE DAULTES FOR 30 126 F ANNE SI DAULDO DE (1) HELE ON LOCER FRADES FRADEN LANDS IF STOPPIE HE CHOLT SAM BELLOW FOR THE FRADEN. CAN Formation to for the contract size $\pi^{*}$ = 304% (2,000 Pg) to accord a state a substitution size $\pi^{*}$ = 304% (2,000 Pg) to accord to accord size $\pi^{*}$ = 204% (4,000 Pg) 13 We LOU (M) THE MAD LOD ON STRUCTURE AND BRIDAN SHALL BE FACULATED, BRIDS ON WHOM, STRUCTURE COST OF THE PROPERTIES CONSIDERED BADE MAD DREE (3 STRUMP CAST SPECIFIC DREATS TO 41 THE MYSEC. FOCTINES, FOCTING THE BEAMS, & SLAB ON UPHOE 12" + 1"MPe (3.000 PS) 5.0 CONSTRUCTION JOINTS : = 200 b4/ha# = N = 15 = 2 BRIC WAS SPEED & OCCUPANCY ONTOORY MODEWICE FACTOR & 5.1 OPERATEX JON'S ISS INDUCTO ON PLAYS SMALL HE WARE SO AS TO LEAST MEAR THE STREAMEN OF THE STRUCTURE AND SHALL HE SUBJECT TO JAMPON, OF THE DISIDEER. AND ALL CONCILENT SHALL BE DEPOSITED, VEHIELD AND CURED IN ACCORDANCE MICH AD STATUMED 205-05 5.2 UNCESS SHOW GREENEE, TURE IN CRAC SHELL HAS CONTROL JOINTS & SCIEN WARKIN CONTRA TO CONTRA ALL WHILE OTHER LOVER TOR REMARKING ENSIGHT OF AS THEORY. sinis REPARED BY 0B NORCHAR SHEEL CONTENTS RECOMMENDING APPROVAL APPROVED SHEET NO. DEPARTMENT OF AGRICULTURE

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BUREAU OF FISHERIES AND

AQUATIC RESOURCES

TENERS BUDG, COMPLEX SPICHED, BIGY, VASRA, VRAYAS AVE, DIEDNICRY LOCASON, JAPIC, MACHO, JAWAR

CONSTRUCTION OF POWER HOUSE

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BRGR. N. BEL

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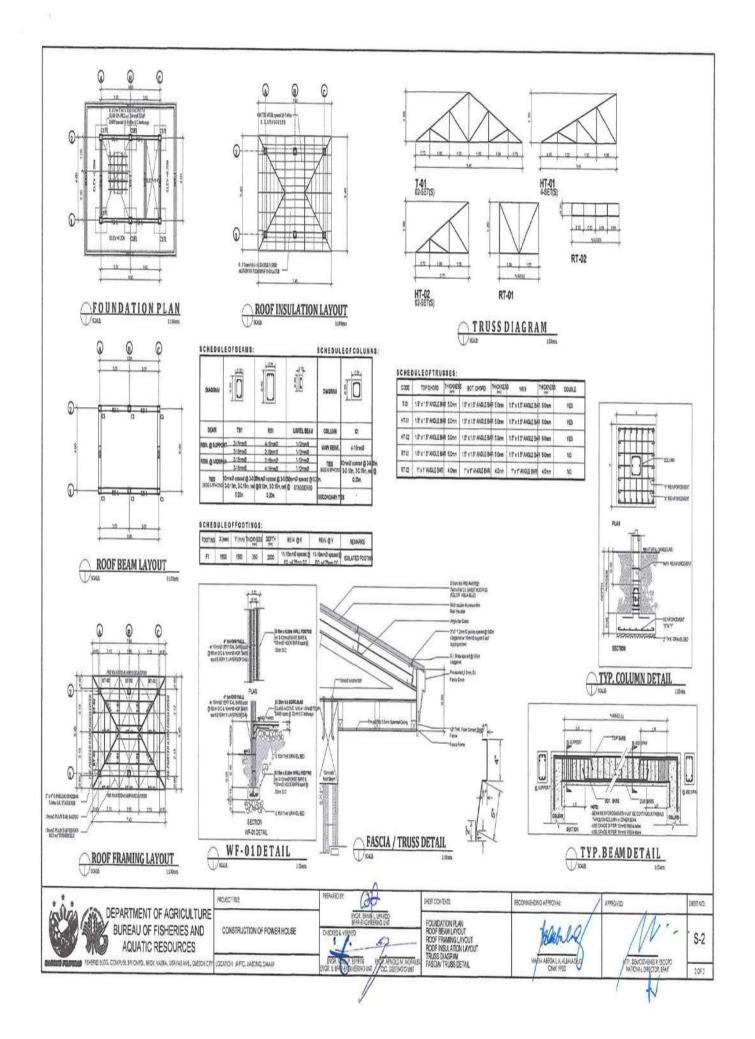
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GENERAL NOTES

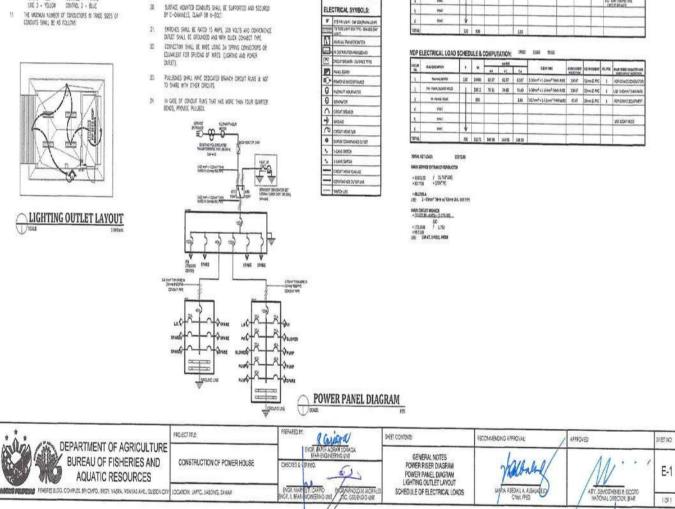
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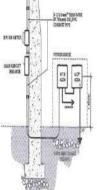


## GENERAL NOTES:

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- THE FOLLOWING HESTS SHALL BE FERVIONED INCLUSING OF THE INSTALLATION TO BE SUBMITTED IN DETAILS. A INSULATION RESEMANCE TEST, SCOREC B DROUND RESISTANCE TEST (5 DHUS) OPERATONAL TEST
  - D. PHASE SEQUENCE TEST L. SYSTEM TEST
- CUINS COONS OF WRES SHULL BE AS FOLLOWS: UNE 1 BLOCK CRUCIO GEEN UNE 2 RED COUNTROL 1 INSTE LINE 3 YOLLOW CONTROL 2 BLUE 15



- 081 127 WARMON NUMBER OF CONDUCTORS IN CONDUCT ens wit Sheet Pill Band Pill Sheet Fill (Brand Pill) 15rent RSC Want RSC IServet RSC IBrand RSC 1.6 20 4 4 10 18 35 2,0 8 15 2,5 5.5 4 3.0 3 4 16 1 23
- ALL BARKIN DRUIT FEDERS SHALL BE PROVEDS WHY INCOMONE ORDIND MOR IN ACCONTANCE WHY THE PROFENSE ELECTROL CODE TABLE 2.335.1.3 FED 2017 PART 1 VOL. 1 EXPLINATED TO 37 JANON STROL STOLEN FELLONG MORNE FROM CONTROLLER TO THE EDUPMON. 12
- TRACE CONFINCTORS SHALL PROVIDE CONTROLLESS TOP ELECTRICALLY OFSINED ECOMPAGNE E.G. THE PROTECTION AND SAVENIN' SYSTEM AND OTHER SPECIAL SYSTEME, INCLUDING WRINE FROM CONTROLLES TO THE ECOMPACE. 13
- 14 ALL RACEMANS, WILL AND FLOOR POLISTICATIONS SHALL BE FROMED WITH THE BARRER OR FIRE WHED SEALANT
- 15 ALL EXPOSED BONES SHALL BE WEATHERPROOF THAT END-INFORMATION 16 A PLASTIC HOLDER OR JACKET DIFECTORY SHALL BE FROMDED FOR
- EACH PANELBOARDS INDICATION SINGLE LINE DADRAMS AND LOAD SCHENUES.
- 17, ALL DECRICAL ORCUPS SHALL BE WRED ACCORDING TO THE LOAD SCHEDULE / SAULE LIVE GROUPS
- TR. ALL RECEPTACLE OUTLETS SHALL BE OF GROUPOND TYPE. 19.
  - ALL DIT LIGHTS AND EVERDDICY LIGHTS SHALL BE WHED ANEAD OF THE LOCK. SWITCH AND WITH CROWNDWIC THTE,



POWER RISER DIAGRAM

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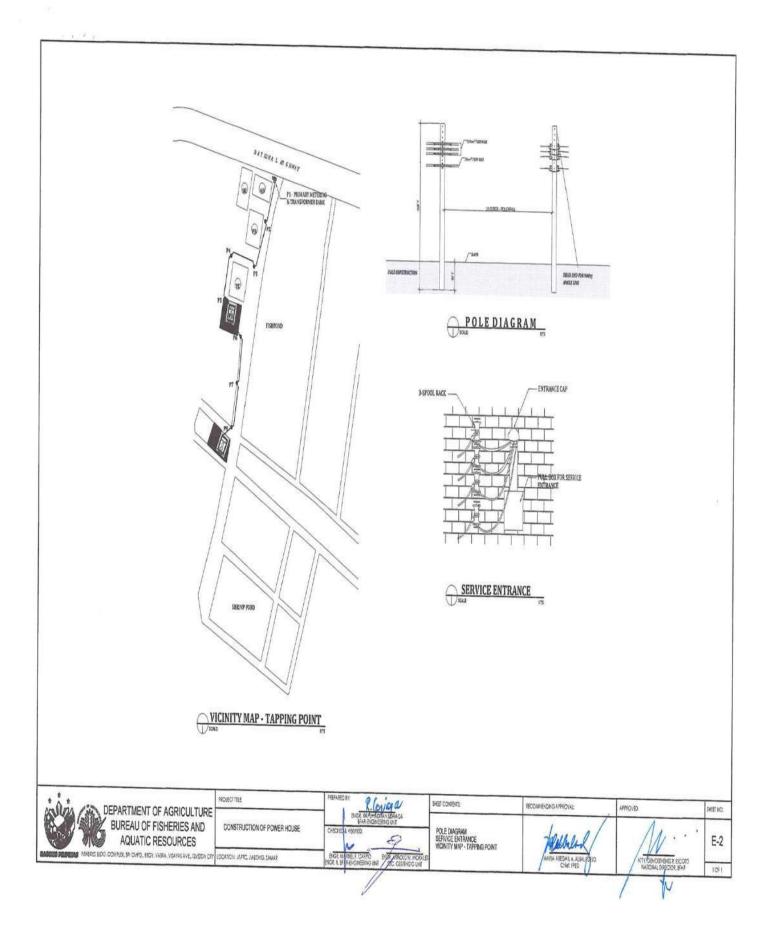
PPG - PUNPIBLOWER HOUSE POWER PANEL ELECTRICAL LOAD SCHEDULE & COMPUTATION.

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5	245398		712	140	140	141	bill reit becau	1040	shed NC	1	USE SOLAT IMAKE THE COPYLIC ANY AND
1	58540		3455	15.20	11.28	33	SEAnn'd Inneale	45.67	Braites	1	N.C. STORAGE
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1	Service.		345	15.00	11.3	13.00	S4.5 mid time/est	44	2hed NC	1	
1	HINK		305	15.00	112	30	Standol Brind Brind BC	45.82	Shrd.RC	1	
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TOTAL		230	380.3	78.85	340	9.15					

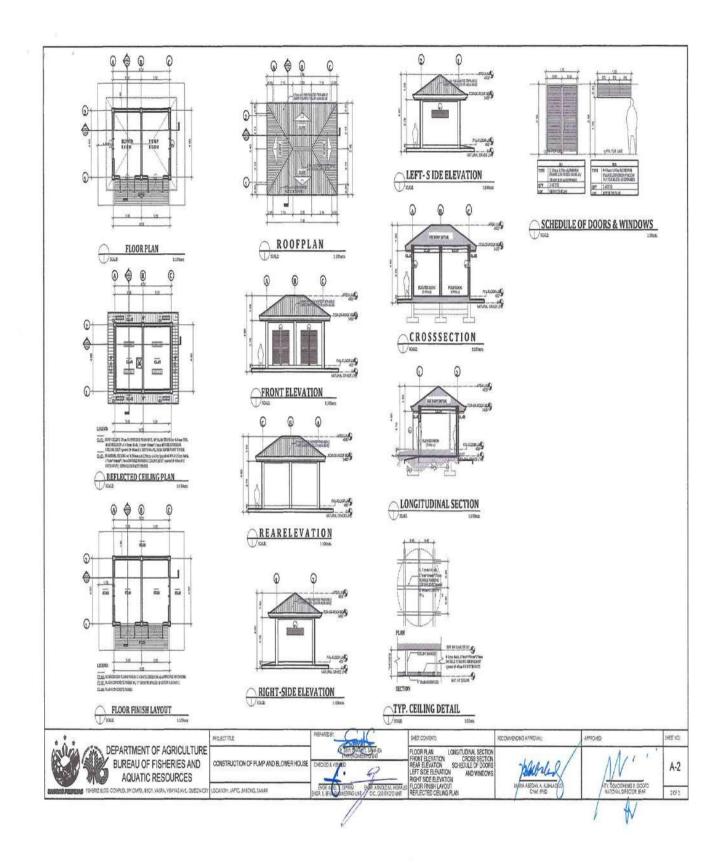
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### PP - POWER HOUSE PANEL ELECTRICAL LOAD SCHEDULE & COMPUTATION:

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- 1.) SECRED OF OFFICE SPECIFIC VICES AND DEVELS ON DRIVINGS SAILS WE PROCEEDED OVER COLERAL NOVES AND FRITCH, DEVALS
- THE CORPERT STRUCTURE, DAVINGS AND STEEDCLOOK SERVICES THE INDEED STRUCTURES THEY TO NOT ROOME IN METHIC OF CONSTRUCTION UNCES TO FORCE THE COMPARIENCE THAT INTO A 14 MEETING MEDIEST IN PROVIDE THE STRUCTURE, NAMEDIA AND CHEFT METHICS COMPARE ALL PARES OF CONSTRUCTION AND CHEFT METHICS COMPARE ALL PARES OF CONSTRUCTION
- 13 THE CONTRACTOR SHALL INVERTIGATIVE CONTRACTOR AND / OF THE DAVIEST OF ANY CONTRACTOR WHEN IN HIS OFFICE AND A GOD ALL AND THE STRUCTURE OF THE STRUCTURES OF PARES SOLVESTS IN THE STRUCTURES.
- 10 CONTINUED WHERE'S SHELLIST IN STOLET ON POINTO TUDES, IT IT HE GALON, CONNECTION REPROSENT TO DRIVE TWO THE SUF-CONNECTION ARE DEPOSID AND TO KIT HEAVE THIS IMPORTANT. SUS-CONTACT REQUEDION
- 17 THE CONTINUES SUAL MONES TRANSPER DECIDIN BRATERS AND IMPROVES FOR ALL THE STRUCTURE WOMER'S IN EXCLUSE STANDARY COMME ALL PHASES OF CONSTRUCTION
- 1.5 HE CONTINUESS SHILL WE ALL SEPA INCESSION TO DISTACT HE HEATER ADJUST OF THE STACTINES ELEMENT AND ATTRE THE ADJUST OF OF ALL STRUCTURE AND FAMILY MULTINES. WE INTERSE STRUCTURE SHOWN ON THE STRUCTURE.
- 1.0 TERCH, DEHLS AND EDHERH, KETES ON 5-1 AND 5-2 APRIL TO ALL PARTS OF THE WORKS UNLESS OF ETHERSE SHOW ON THE TERLINGS
- 2.0 STANDARDS AND RECEIPTING
- THE RELEASED SHELL GARDIN THE SESSION FRANCISCOM AND CONSTRUCTION OF THE PROJECT :
- MIROW CONCELL NOTINE [ AC RELEASES ] ; AD 34-2029 BUILDING COLE RECEASED FOR SPECIAL CONCEL AD 354-300 MARILL OF STRAMED PARTICL FOR BEALS AND DEPLINE OF CONCELE RESPONDENCE.
- 1.3 ANOTON SETTLAT OF STEEL CONTRUCTION DATES PURCHASED WALK OF SEEL CONSTRUCTON, WITH EDITOR "ALLOWBLE STREET DESCH" (453)
- 13 ANRENN VELENG SKOETY (WS) PLEUCATEN BITI-2000
- 24 ANERGAN SIDETY FOR TESTING WATCHING RISTAL
- 13 WEDRI SPLETURI, CORE OF THE PREPARES (ISSEP) INC. 1, SATH EDROX 2010.
- 15 ASSOCATES OF STRUCTURE DISTUBLISHED OF THE ANLIPPOES (ASSP. HARCBODY OF STRUCTURE, STRUCTURE, STRUCTURE, 1987)
- 27 UNITORN BUSING CODE (USIC), VOL 2 1997 COTION
- 10 BASIC DESIGN LOADS :
- 31 0/501 (0/05 -00)

3.2 LHE LOADS (LL) 3.7.1 RESTRICT.

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# 3400 Wyler 77,00 Wyler 3.20 KPe 1.30 XPa 3.11 KPe 2.73 KPe

## 4.0 WIERRIS :

- 200 WAAu + N - 10 + 3

DEPARTMENT OF AGRICULTURE

BUREAU OF FISHERIES AND

AQUATIC RESOURCES FEHERE'S B.D.G. CONPLEX BY CLUFD , BROY, VASIA, VISAVAS AVE, CLUEX

## 1.50 Per 2.90 Per 1.00 Per 4.80 Per 4.80 Per AT. NORMAL WEIGHT CONCRETE.

PROJECTION

NEE

41.1 CONSINT USED IN THIS MORE SHALL HAVE A MISSION COMPRESSION STREAMIN © 30 DAYS AS FOLLOW:

## 13 NOT (200 (42) NG WID LOG OF STRUCTUR WID BULDER SHALL BE DATUMATE, BHOD ON WIDHAL STRUCTURE (2021 OF HE PROPERT, COLORIDAE BHOC WAS SHEE) (1) STOCKE GATT SHEE) COMING TO 41.7b (MTEC) 514 FLR. 10 FCGF. COLLARE & 3EARS & SUPERIED SLAP 1/ \* 33454 (4.000 PS)

- FOOLNOS, FOOLNO 11, FICHIG, A SUAB ON CRADE 1/ + 25Pa (3,600 PS).
- (1.2 AL CONCEPT SHALL IS REPORTED YEARID IND CARD IN ACCESSION MATCHING IN ALCOHOMOUS INFORMATION OF A CONCEPT OF A CON

## 41.3 WINN CONFILE COVE FOR REMOVED SHE SHULL HE AS FOLLOWS

CONSTRUCTION OF PUMP AND BLOWER HOUSE

DOATOR JAPIC, JASONG, SANAP

## EXEMPTION IN THE EXEMPTION IN EXEMPTION 5.4 - HE LONG TITLE RESULTION FROM IN: EXEMPTION OF THE CONFIGURE AVAILABLE MODEL MODILING TO ALL TO AN ANOTHER, OF AS GALL TO THE READ LONG TITLES, A, TOR THEORY RECORD, AND ANY RE TAKEN AS TOD FOR ALL ADVISED THEORY RECORD. AND ANY RE TAKEN AS TOD FOR ALL ADVISED THEORY RECORD. Da + 145 SESIIC FORCE REPLECTION FACTOR THAT IS RETURNED TO ACCOUNT FOR SPECIFICAL OPERATION.

VEDOCT PRESSURE AT HERAT T. CL + 47 July-Experience

INS HEACTY PRESSAR ONCE HE USID ALONG WHY REACE ODETFOEMS TO CALCULATE MAD LAND ON SPECIFIC STRUCTURE

E + DRIVELUIT 1502 IN THE STRUCT

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NOT Y IN NATION . HALF TOPOLOGIC LICENT +LCD

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- INTER + THÉ MACAUM ESDENI-STOT SHER ARES (DE A CAUM DRECHON OF LIDENS, THE DEVENT-STOT SHEAR ARES OF THE ARES OF THE ASSOL IF STOTS SHEAR IN THE RECAULY LOND DATE, BELER ARESOL IN THE TOM, LISSN STORT SHEAR

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- AB = THE CROWID FLOOR WALK OF THE STRUCTURE M, ROR 244 TAGHTA
- THE TOTAL DEGISE BASE DEGRE IN A CARDA CREETION SHALL BE DELEMENED THEN THE FOLLOWING TOTALLY:
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- AND NEED NOT EXCERN THE FOLLOWING
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- V+ 011 011
- IN ADDRIN FOR SEGARE ADDE 4, HE TODI, BASE SHALL 4.50 BE NOT LESS THAN THE RELEDANCE
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- nor source factor, na Nor source free, na . 10
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- (4.1 CM JEED IN THESE KERKS SHELL HAR A KERKAN LISAVEL COMPESSION STREAMS IN 24 MAY AN ADMINISTRATING STREAMS IN THE SAME AND THE SAME 4.2.2 ALL SELS SPALL AS SULLY FILLS WHI CPUT, CONCRETS SPALL HUE & MIXING COMPLISING STREAM OF 1350 WHO (2000 PS) & 34 DUS.

5.0 CONSTRUCTION JONTS :

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HIGH THIN L UPARD

ENTERNOLDIA MORA

REPLICTORY

CHECKED & VIEWO

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14 DECRETE MEETING WAS ENUL

1.2.5 INLESS INDURTE OTHERNEE, DAY REPORTATION SHALL BE YOMM HOR BAPE & HOL AND YOMM YOR, BHEE & ADD

A, POTINGS & BOT OF RECEIVE THE BLAN + 75km (CRS) MANNES ENERGY III 9225 OF FORTING THE BEAMS + 55km (CNST AGAINET RESING) C. IEONS AND COLUMNS + 45km (CD SUMPLYS AND TECH

1.13 Web concert with the concert to dottend to the month of the concert in strength, sources, and the concert with the concert strength of the concert concert, and the properties of strength in strength of the concert concert, and the properties of strength in strength in strength of the concert strength of the concert concert.

121 UNIOS CHIOREE SECTED IN RUK, AL REMONDE BAS SHALL & DEGRAD WHI I

122 AT REWORDE BAY SHILL IN ELEMED OF RUST, GREAT DR OVER MILTON'S WHEN THE TO BE WART BODD (23 KL RENFORCE BAS SHILL K ACCUMULT AN SCIENCY PLACE REFOR FORMA CONTREL OF APPLIES WORK OF SHOP.

12.5 URLES NOTAED CHERWIE, SPLENG OF REMORCHERT SHILL IE IN ACCORDANCE HER AC1- 128-2002

E COUNCE: SPUCE NEW POINTIE DAVI, EL SUCCIVIER VIENTI DE COUNCE PEDER AND LA PRICE SALL KOLSE LES MAIX IN DE DARECTOL MEL DE CO APPODID INCRARAL COLES ME E FONTED INVIRTO TAVI NER PAR ACTIVAT DE ME A COUNCE AN OFFICia AND E INDRAIN VERTOR, COUNCE REVERS TAVIANDE DE SE SPUCE SALL E SCOMM

C DAY WALLS ; VERTEX, BARS SHALL IN SPLICE AT THE TOP OF WALL COSTING FR. HE BEAM AND AT THE BOTTOM OF PC UNITL BEAM OF BEAMS. SPLICE LEADING THAL BE ADDAM WAS

127 URLSS MORPHO DIVERSES ALL ERAS TRANSMERS IN THE COLUMN SMAL BE NORM AN URLSS MORPHO DIVERSES ALL ERAS TRANSMERS IN THE COLUMN SMALL HARE THE AND EXTENS MARS DIVERSES IN THE CALL OF THE COLUMN TRANSMERS IN A STACKNO SO HORY LISTIN OF MODELNEE NOT LISS THIN MODAL.

125 SHOP DIWINGS FOR EXCING AND CUTTING OF REMOVECHENT SHALL BE SUBMITTED FOR REPERANC TO THE RECORDER FROM TO TREASENTION.

13.1 AL SHOCTURE, SCIEL SHALL HAR A MANANI YELD STROKETH, Fy + 248 MPz (20 KS) WO SHAL CONTON TO ASTIN A 36 SPECIFICATION.

1.33 AL STRETHER, STEL SHEL IF FAREARD AND DECED IN ADDRESS WHI THE ADD SPECTRONOOS (INK BODIN) AND COLE OF STREAMS PRACTICE AS AND/ODD TO AVEL.

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(3.7 UNERS OTHERWEL NEEDED ALL ANDRE BOLTS SHALL DIMONE TO ADDE AND SPECIFICATIONS.

433 AL COLO TORADI STELL TAND. ANNE & MISMAR STREAMS, FJ + 520 ARIa (33 ARI

133 AU 54P NO FEID MUDIC SHILL SE IN ACCERDENT WIN ANS \$1.1-3000 AND REBOIND IN GRAVITO MUDICS

135 UNIESS NECHED ONESWIE, WILLING ELECTROLE SHELL & EXCOL WINNUM THEORESS OF MED SHELL & JACK

434 BOLTS FOR NEWER COONNECTIONS SHALL HE HERE STREAMEN BOLTS, CONFIRMING TO KISTIN ASSIS FRECTORY THRE WITH INSIDERS

123 SHOT IDKIN OF REMOVED AND SHOT HE IS NOW IN THE LAST TO BY

1.5 DRUCHARL STELLANCKER BOLTS/BOLTS/HELTS & VEIDNERTS

MOMAAN YELD STRENCTH. Ny = 414 NP3 (80000 PS) For with and recve, mad by = 215 mbs (40000 PS) for with relation

124 LAPED SPACE SHALL RE STREETED WERE POSTELE

126 WELLS SHOW CHERNER ON RUME, SPILLES SHOL BE AS VOLLOWS

D. SUBS MO WELL + STEW (1997 MUSIC IN 1.1.4 BETWE CONDETT IS POLIED, ONCE WITH ALL TRACES TO EXCLUSIVE PRACTICAL OF ALL OPERALES, SUBJECT, CORES, CONDUCT, CTL, RELATER TO ME WORK

43 KENFORDUG BAS

&D NOTES ON BEAMS AND GROEPS :

7.0 FOUNDADIONS

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AND IN THE OWNER

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ECOMMENONG APPROVAL

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ABEOAR A. ALBAL CHAL REED

NCHORACE LENGTH (r)

41 SHUES OTHERNEE INTER IN PLANS OF SPECTRONOC, CANNER ALL LEASE AND SPECIES ALLIARS INVENTION DOTY -LIANS OF SPACE INCOME CONDUCTORS FIRM WHICH THE OWNERS SHILL BLUES WITHER PLANS OF ALL SMARDED IN THE INSTANCES. BUT IN AN OWNE LIES THAN IN AN ATO DOTY 3200 OF THE SMAR

4.3 F HOT, WE NO DE WEEL LUDDS OF REDITIONS MADE INS SEPARATIONS OF SEE ANT LESS TWA SEMA BARS SPECED AREAS IN 2004 ACCOMPER AND READ INFORMATION IN NO CASE SHALL HERE HE LESS THAN (2) STRANDORS ECHICLIN LATING OF TANS).

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VILLES SPACE SHALL COMESPIN TOOGRAPH LOST THE SPACE STREAM OF TH NOT WOLE THEN YES OF THE BAYS ALL AND THE FOLLOW SHALL BE ALLOWED TO BE SPACED THE

7.1 FOOTINGS WERE DESIGNED USING AN ALLOWINELE SOLL BEARING CAPACITY IT

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7.4 THL/PACHIL SHALL BE PLACE IN 200 NM LAYER AND EACH LATER SHALL BE COMPACTED TO \$550 MUMAIM DRY BENETY BEFORE SLEEDUELT LAYERS ARE TO BE UND.

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7.3 ALL COLUMN FOOTINGS SHALL REST ON 50MM THK COMPACTED DRIVEL BASE COURSE, WILLESS OTHERWISE STATED

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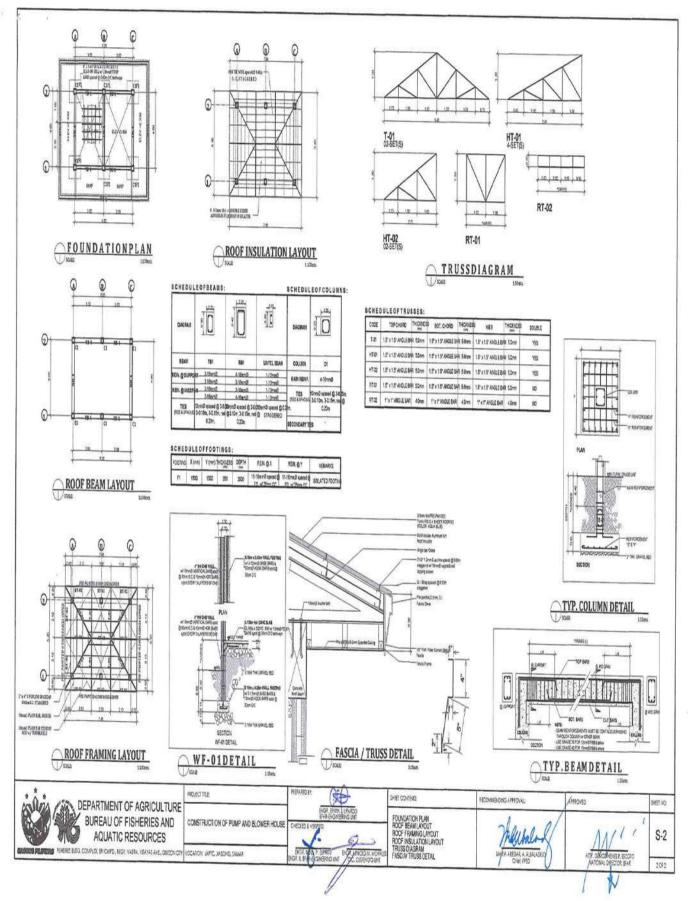
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51 CONSTRUCTION JOINTS WIT INDUCTED ON PLANS SHALL BE MICE SO AS TO LEAST APART THE STORATH OF THE STRUCTURE AND SHALL BE SUBJECT TO APARTMAN, OF THE FRANCES.

57 WHERE SHOW CHERWER, SUB IN PRICE SHUL HAVE CONTROL JOINTS & BLOW INCOME CONTROL CONTROL

SHEE CONTENTS

GENERAL NOTES



## **GENERAL NOTES:**

The ELECTRONA INSTRUMENT HOPIN SHALL BE DORE IN ADDREAMENT WITH PROVIDED IS THE LITERE LOT THE PRUFFIC ELECTRONE LOCK. THE LOCK MICE AND PROJECTIONS AND THE STOREHOLDER OF THE LITER COMMUNIES. AND THE STOREHOLDER DORER IN VIEWS SHALL OF ADALTS ELECTRONE WORKS HELEN SHALL OF ADALTS OF SERVICES OF SELECTRONE WORKS ADALTS OF SERVICES OF ADALT OF ADALTS SELECTRONE WORKS ADALTS OF SERVICES OF ADALTS OF ADALTS SELECTRONE WORKS ADALTS OF ADALTS OF ADALTS OF ADALTS SELECTRONE WORKS ADALTS OF ADALTS OF ADALTS OF ADALTS OF SELECTRONE WORKS ADALTS OF ADALTS OF ADALTS OF ADALTS SELECTRONE WORKS ADALTS OF ADALTS OF ADALTS OF ADALTS OF ADALTS SELECTRONE WORKS ADALTS OF ADALTS SELECTRONE WORKS ADALTS OF ADALTS SELECTRONE WORKS ADALTS OF ADAL 2

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THUE COMPACTORS SHALL PROVIDE CONTROLLERS FOR ELECTRICALLY OFFICIE DOUMON I.C. REL PROMICTION AND SMITHET SYSTEM AND OTHER SPECIAL SYSTEMS, INCLUDING WRINE FROM CONTROLLER TO THE DOUFWEAT,

ALL BALEMANS, WALL AND FLOOR PENETRATIONS SHALL BE PRIVIDED WITH THE SARMER OR FIRE READ SEALANT.

ALL EXPOSED BOMES SHALL BE VEALHOPPROF TYPE ENCLOSURE

A FUSIC HODER OF JUNET DIECTORY SHALL EF PROVED FOR EXIS PRELEXINGS INDUCTOR SHALL UNE DATINGS AND LONG SCHEDLICS

AL ELECTRICAL CREWITS SHALL BE WRED ACCORDING TO THE LOAD SCHEDULE / SHALE LINE DAGRAM

ALL CUT LIGHTS AND ENERGONCY LIGHTS SHALL BE WHED ANEAD OF THE LOCAL SWITCH AND WITH ORDINIONIC TYPE.

SURFACE WOINTED CONDUTS SHALL BE SUPPORTED AND SECURED BY C-DIRINGLS, CLARP OR 1-SOLT.

SUTCHES SHALL BE ANTO 15 AUPS, 300 VOUS AND COMPARENCE OUTLET SHALL BE GROUNDED AND WITH OURY CONNECT TIPE.

COMPECTION SHALL BE WARE USING DE SPRING CONVECTORS OR EQUIVALENT FOR SPUCING OF WRES, LUCHING AND POMER

18. ALL RECEPTACLE OUTLETS SHALL BE OF GROUNDING THPE.

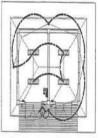
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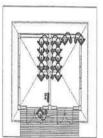
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- 18 POWER DUTLET SHALL BE 15mm THIRN/THE 9

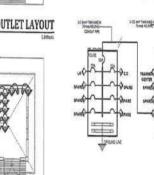
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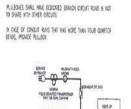
## LIGHTING OUTLET LAYOUT



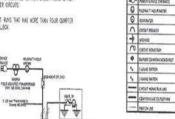




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## PB-POWER HOUSE ELECTRICAL LOAD SCHEDULE & COMPUTATION:

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### PB-PUNPIBLOWER HOUSE ELECTRICAL LOAD SCHEDULE & COMPUTATION

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\$	HATIN		JIPAL				4.30	Steel Segure	12 M	Sand No.	1	
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π	KETINANAM		1834.35	_		-	1.61	1,5m <sup>2</sup> Netwill	10.47	Istend Put	1	
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ine.		10	MINT	75.60	M.52	32,34	\$8,25	Contraction of the second s			-	

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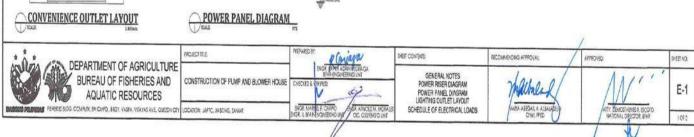
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POWER RISER DIAGRAM

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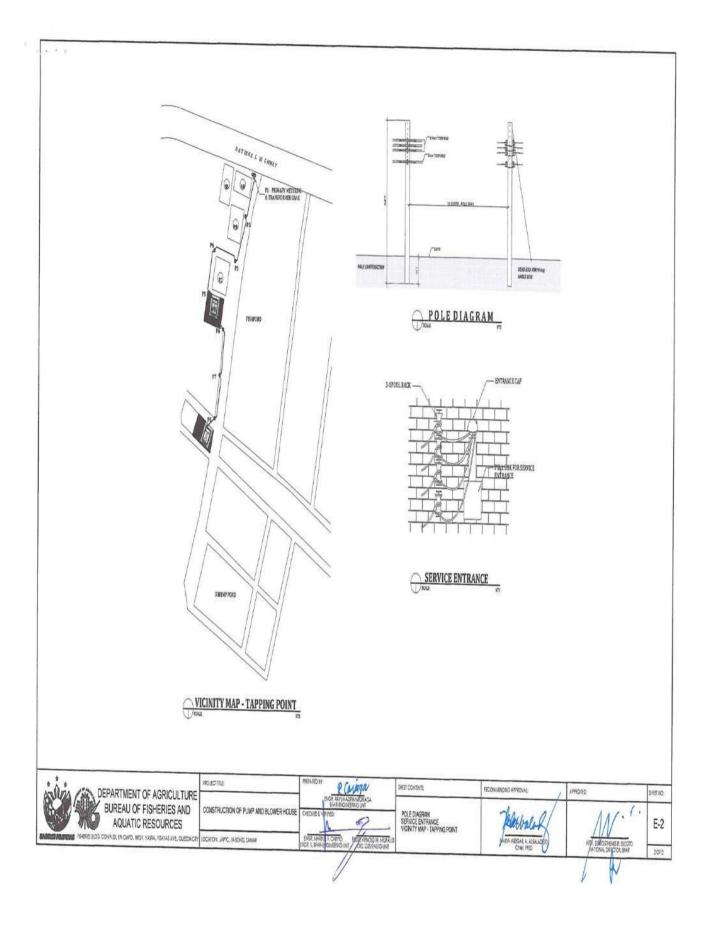
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Section VIII. Bill of Quantities

# *"IMPROVEMENT OF JAPTC SUPPORT FACILITIES – POWER HOUSE & POWER SUPPLY LINE, AND BLOWER/PUMP HOUSE"*

Approved Budget for the Contract (ABC):PhP4,021,446.59

	<b>CONSTRUCTION OF POWER HOUSE &amp; JAPTC I</b>	POWER SUPPLY	LINE
Item No.	Item Description	Quantity	Unit
I.	GENERAL REQUIREMENTS		
A.	Site Clearing and Preparation	1.00	l.s.
II.	CIVIL AND ARCHITECTURAL WORKS		
A.	EARTHWORKS		
1.	Excavation	49.32	cu.m.
	Column Footing	27.00	cu.m.
	Wall Footing	13.68	cu.m.
	Tie Beam	8.64	cu.m.
2.	Gravel Bedding	12.80	cu.m.
	Column Footing	1.35	cu.m.
	Wall Footing	2.28	cu.m.
	Tie Beam	1.44	cu.m.
	Floor Slab	7.13	cu.m.
	Ramp	0.60	cu.m.
3.	Reclamation		
	Reclamation (with 25% Shrinkage)	140.63	cu.m.
4.	Backfill and Compaction	34.28	cu.m.
	Column Footing	22.28	cu.m.
	Wall Footing	9.12	cu.m.
	Tie Beam	2.88	cu.m.
В.	CONCRETE WORKS		
1.	Columns, C1	1.84	cu.m.
	Portland Cement	17.00	bags

	G3/4 Gravel	2.02	cu.m.
	Coarse Sand	0.88	cu.m.
2.	Beams		
	Tb-01	1.75	cu.m.
	Portland Cement	16.00	bags
	G3/4 Gravel	1.75	cu.m.
	Coarse Sand	0.88	cu.m.
	Rb-01	2.25	cu.m.
	Portland Cement	21.00	bags
	G3/4 Gravel	2.25	cu.m.
	Coarse Sand	1.13	cu.m.
	Lintel Beam	0.12	cu.m.
	Portland Cement	2.00	bags
	G3/4 Gravel	0.12	cu.m.
	Coarse Sand	0.06	cu.m.
3.	Slabs		
	Floor Slab	7.13	cu.m.
	Portland Cement	65.00	bags
	G3/4 Gravel	7.13	cu.m.
	Coarse Sand	3.56	cu.m.
	Ramp	0.60	cu.m.
	Portland Cement	6.00	bags
	G3/4 Gravel	0.60	cu.m.
	Coarse Sand	0.30	cu.m.
4.	Stiffeners	0.15	cu.m.
	Portland Cement	2.00	bags
	G3/4 Gravel	0.15	cu.m.
	Coarse Sand	0.08	cu.m.
5.	Steps	0.10	cu.m.
	Portland Cement	1.00	bags

	G3/4 Gravel	0.10	cu.m.
	Coarse Sand	0.05	cu.m.
6.	Footings		
	F-1	4.05	cu.m.
	Portland Cement	37.00	bags
	G3/4 Gravel	4.05	cu.m.
	Coarse Sand	2.03	cu.m.
	WF-1	2.28	cu.m.
	Portland Cement	21.00	bags
	G3/4 Gravel	2.28	cu.m.
	Coarse Sand	1.14	cu.m.
C.	REINFORCEMENTS		
1.	Columns, C1	376.32	kgs.
	16mmø x 6.0m Def Bar	24.00	pcs.
	10mmø x 6.0m Def Bar	40.00	pcs.
	#16 G.I. Tiewire	5.00	kgs.
2.	Beams		
	TB-01	274.44	kgs.
	16mmø x 6.0m Def Bar	16.00	pcs.
	10mmø x 6.0m Def Bar	33.00	pcs.
	#16 G.I. Tiewire	4.00	kgs.
	RB-01	444.72	kgs.
	16mmø x 6.0m Def Bar	32.00	pcs.
	10mmø x 6.0m Def Bar	38.00	pcs.
	#16 G.I. Tiewire	7.00	kgs.
	Lintel Beam	18.12	kgs.
	12mmø x 6.0m Def Bar	2.00	pcs.
	10mmø x 6.0m Def Bar	2.00	pcs.

	#16 G.I. Tiewire	1.00	kgs.
3.	Slabs		
	Floor Slab	373.80	kgs.
	12mmø x 6.0m Def Bar	70.00	pcs.
	#16 G.I. Tiewire	4.00	kgs.
	Ramp	48.06	kgs.
	12mmø x 6.0m Def Bar	9.00	pcs.
	#16 G.I. Tiewire	1.00	kgs.
4.	Stiffeners	27.18	kgs.
	12mmø x 6.0m Def Bar	3.00	pcs.
	10mmø x 6.0m Def Bar	3.00	pcs.
	#16 G.I. Tiewire	1.00	kgs.
5.	Steps	21.36	kgs.
	12mmø x 6.0m Def Bar	4.00	pcs.
	#16 G.I. Tiewire	1.00	kgs.
6.	Footings		
	F-1	218.04	kgs.
	16mmø x 6.0m Def Bar	23.00	pcs.
	#16 G.I. Tiewire	5.00	kgs.
	WF-1	186.90	kgs.
	12mmø x 6.0m Def Bar	35.00	pcs.
	#16 G.I. Tiewire	4.00	kgs.
D.	MASONRY WORKS		
1.	CHB Laying and Mortar		
	Partition Walls	60.08	sq.m.
	4" x 8" x 16" Concrete Hollow Blocks (Class-A)	577.00	pcs.

	6" x 8" x 16" Concrete Hollow Blocks (Class-A)	174.00	pcs.
	Masonry Cement	39.00	bags
	Fine Sand	4.00	cu.m.
2.	Platering		
	Columns, C-1	48.00	sq.m.
	Cement	11.00	bags
	Fine Sand	2.00	cu.m.
	Beams, RB-01	23.00	sq.m.
	Cement	6.00	bags
	Fine Sand	1.00	cu.m.
	Lintel Beam	1.60	sq.m.
	Cement	1.00	bag
	Fine Sand	1.00	cu.m.
	Walls (Partition Walls)	120.16	sq.m.
	Cement	28.00	bags
	Fine Sand	4.00	cu.m.
	Stiffeners	2.04	sq.m.
	Cement	1.00	bag
	Fine Sand	1.00	cu.m.
	Steps	9.60	sq.m.
	Cement	3.00	bag
	Fine Sand	1.00	cu.m.
E.	FORMWORKS & SCAFFOLDINGS		
	Coco Lumber, Assorted	1,000.00	bd.ft.
	Ordinary Plywood, 1/4 " x 4' x 8'	15.00	pcs.
	CWN Assorted	4.00	boxes

F.	OPENINGS		
1.	Doors		
	D1 - 0.80mW x 2.10mH Single Swing Steel Louvered Door	1.00	set
2.	Windows		
	W1 - 1.80mW x 0.40mH Steel Frame Louvered Window	1.00	set
3.	Locksets & Accessories		
	Stainless Steel Door Knob	1.00	pc.
	4"x 4" Stainless Hinge (2pcs/set)	1.00	pc.
G.	CEILING WORKS	41.25	sq.m.
	Double Furring, 19mm x 50mm x 0.5mm x 5.0m	64.00	pcs.
	Wall Angle, 25mm x 25mm x 0.5mm x 5.0m	11.00	pcs.
	Carrying Channel, 12mm x 38mm x 0.8mm x 5.0m	16.00	pcs.
	Fiber Cement Board, 4' x 8' x 5mm thk	16.00	pcs.
	Blind Rivets, 1/8" x 1/2" (500pcs/Box)	5.00	box
	Aluminum Ceiling Vent, 80 x 500	4.00	pcs.
	Aluminum Ceiling Vent, 80 x 500	1.00	pc.
H.	PAINTING WORKS		
1.	Columns	48.00	sq.m.
	Skim Coat, 25kg	7.00	bags
	Acritex Primer	2.00	gals
	Elastomeric Paint	3.00	gals
	Sand Paper, #120	12.00	pcs.
	Sand Paper, #220	12.00	pcs.
	Baby Roller Brush	2.00	pcs.
	Paint brush, 4"	1.00	pc.
	Rolling Pan	1.00	pc.
	Laquer Thinner	1.00	gal
2.	Beams	24.60	sq.m.

	Skim Coat, 25kg	4.00	bags
	Acritex Primer	1.00	gal
	Elastomeric Paint	2.00	gals
	Sand Paper, #120	7.00	pcs.
	Sand Paper, #220	7.00	pcs.
	Baby Roller Brush	1.00	pc.
	Paint brush, 4"	1.00	pc.
	Rolling Pan	1.00	pc.
	Laquer Thinner	1.00	gal
3.	Walls	131.80	sq.m.
	Skim Coat, 25kg	19.00	bags
	Acritex Primer	5.00	gals
	Elastomeric Paint	7.00	gals
	Sand Paper, #120	33.00	pcs.
	Sand Paper, #220	33.00	pcs.
	Baby Roller Brush	3.00	pcs.
	Paint brush, 1-1/2"	1.00	pc.
	Paint brush, 4"	2.00	pcs.
	Rolling Pan	1.00	pc.
	Masking Tape, 1"	1.00	pc.
	Laquer Thinner	2.00	gals
4.	Ceiling	41.25	sq.m.
	Skim Coat, 25kg	3.00	bags
	Marine Epoxy	3.00	gals
	Acritex Primer	2.00	gals
	Elastomeric Paint	3.00	gals
	Sand Paper, #120	11.00	pcs.
	Sand Paper, #220	11.00	pcs.
	Baby Roller Brush	2.00	pcs.
	Paint brush, 1-1/2"	1.00	pc.
	Paint brush, 4"	1.00	pc.

Rolling Pan	1.00	pc.
Masking Tape, 1"	1.00	pc.
Laquer Thinner	1.00	gal

5.	Floor	27.00	sq.m.
	Acritex Primer	1.00	gal
	Rubberized Floor Paint	3.00	gals
	Sand Paper, #120	7.00	pcs.
	Sand Paper, #220	7.00	pcs.
	Baby Roller Brush	1.00	pc.
	Paint brush, 1-1/2"	1.00	pc.
	Paint brush, 4"	1.00	pc.
	Rolling Pan	1.00	pc.
	Masking Tape, 1"	1.00	pc.
	Laquer Thinner	1.00	gal
I.	ROOFING WORKS		
1.	Trusses & Rafters Fabrication		
	T-01	279.72	kgs.
	Angle Bar, 1.5" x 1.5" x 5.0mm thk	14.00	pcs.
	Welding Rod, 2.5kg/box	6.00	box
	Consumables	1.00	l.s
	HT-01	359.64	kgs.
	Angle Bar, 1.5" x 1.5" x 5.0mm thk	18.00	pcs.
	Welding Rod, 2.5kg/box	8.00	box
	Consumables	1.00	l.s
	HT-02	139.86	kgs.
	Angle Bar, 1.5" x 1.5" x 5.0mm thk	7.00	pcs.
	Welding Rod, 2.5kg/box	3.00	box

R	T-01	39.96	kgs.
	Angle Bar, 1.5" x 1.5" x 5.0mm thk	2.00	pcs.
V	Welding Rod, 2.5kg/box	1.00	box
(	Consumables	1.00	l.s

	RT-02	219.78	kgs.
	Angle Bar, 1" x 1" x 5.0mm thk	11.00	pcs.
	Welding Rod, 2.5kg/box	5.00	box
	Consumables	1.00	l.s
2.	Purlins Installation		
	C-Purlins, 2" x 4" x 6m	21.00	pcs.
	Angle Bar, 1.5 x 1.5	1.00	pc.
	Round bar, 10mm dia.	7.00	pcs.
	Welding Rod, 2.5kg/box	1.00	box
	Consumables	1.00	l.s
3.	Roof Coverings & Insulation	81.60	sq.m.
	Pre-painted G.I. Roof, 0.5mm thk	68.00	mtrs
	Metal Tex Screw, 75mm	1,155.00	pcs.
	Roof Insulation, 8mm (50mtr/roll)	2.00	rolls
	Consumables	1.00	l.s
4.	Bended Accessories		
	Pre-painted Ridge Cap, 0.50mm x 0.305mm x 2.44m	10.00	pcs.
	Pre-painted Fascia Cover, 0.50mm x 0.305mm x 2.44m	12.00	pcs.
	Consumables	1.00	l.s
5.	Ceiling Panels	21.98	sq.m.
	Spandrel, 0.40mm x 0.229mm x 6.0m	16.00	pcs.
	Moulding, 0.40mm x 0.076mm x 2.44m	24.00	pcs.
	Double Furring, 19mm x 50mm x 0.5mm x 5.0m	19.00	pcs.

	Plastic Ventilation	4.00	pcs.
6.	Metal Primer		
	Epoxy Primer, Gray	3.00	gals
	Paint brush, 1-1/2"	2.00	pcs.
	Paint brush, 4"	2.00	pcs.
II.	ELECTRICAL WORKS		
А.	Electrical Layout		
	Panel Board, Bolt-on, Receesed Type, 3 Phase, 6- branches with Main Breaker	2.00	sets

olt-on, 3-Pole	2.00	pcs.
olt-on, 3-Pole	2.00	pcs.
t-on, 3-Pole	2.00	pcs.
t-on, 3-Pole	1.00	pc.
ed Copper Conductor	60.00	mtrs
ed Copper Conductor	10.00	mtrs
ed Copper Conductor	20.00	mtrs
opper Conductor	20.00	mtrs
opper Conductor	10.00	mtrs
opper Conductor	36.00	mtrs
opper Conductor	20.00	mtrs
	10.00	pcs.
	4.00	pcs.
	6.00	pcs.
	4.00	pcs.
ose	3.00	mtrs
Elbow	10.00	pcs.
Elbow	4.00	pcs.
Elbow	6.00	pcs.
	3.00	pcs.
	4.00	pcs.
	olt-on, 3-Pole olt-on, 3-Pole lt-on, 3-Pole lt-on, 3-Pole ed Copper Conductor ed Copper Conductor ed Copper Conductor Copper Conductor Copper Conductor Copper Conductor Copper Conductor Copper Conductor Copper Conductor Elbow Elbow	olt-on, 3-Pole         2.00           lt-on, 3-Pole         2.00           lt-on, 3-Pole         1.00           led Copper Conductor         60.00           led Copper Conductor         10.00           led Copper Conductor         20.00           led Copper Conductor         20.00           led Copper Conductor         20.00           Copper Conductor         20.00           Copper Conductor         10.00           Copper Conductor         36.00           Copper Conductor         20.00           Copper Conductor         36.00           See         3.00           Elbow         4.00           Elbow         6.00           3.00         3.00

	65 mm IMC Locknut	4.00	pcs.
	65 mm IMC Bushing	4.00	pcs.
	65 mm IMC L&B	2.00	pcs.
	20 mm PVC Adaptor with Locknut	7.00	pcs.
	25 mm PVC Adaptor with Locknut	3.00	pcs.
	32 mm PVC Adaptor with Locknut	4.00	pcs.
	20 mm Flexible Hose Connector	2.00	pcs.
	65 mm Entrance Cap with Adaptor	1.00	set
	Secondary Rack Three Spool	1.00	set
	Junction Box	18.00	pcs.
	Utility Box	5.00	pcs.
	Square Box 5"x5"x4"	4.00	pcs.
	Electrical Tape	20.00	pcs.
	Rubber Tape	10.00	pcs.
	PVC Solvent Cement 100cc	4.00	can
	1-Gang Switch Recessed Type	2.00	sets
	2-Gang Switch Recessed Type	1.00	set
B.	Electrical Fixtures		
	4" Recessed Pinlight Socket	4.00	pcs.
	7W LED Bulb, Cool White	4.00	pcs.
	T8 Lighting - Recessed Type	5.00	pcs.
	T8 LED	5.00	pcs.
C.	Electrical Post 30FT		
	Electrical Post	4.00	units
D.	Manual Transfer Switch		
	2-150 Amp CB, 3-Pole, Manual Transfer Switch (MTS)	1.00	unit
E.	Line Hardwares		
	Secondary Rack, Four Spool	5.00	pcs.

	Spool Insulator 3", ANSI, Class 53-2	44.00	pcs.
	5/8 x 10" machine bolt	88.00	pcs.
	Wire, Guy, Steel, 3/8", 7 strand	350.00	l.m.
	5/8 x 8" Machine Bolt	10.00	pcs.
	5/8 Locknut	20.00	pcs.
	3/16" x 2 ¼"- 13/16" Dia.hole	30.00	pcs.
	Guy Attachment	12.00	pcs.
	Parallel Groove Compression Connector	24.00	pcs.
	Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel	24.00	pcs.
	Square Washer, Flat 2-1/4" x 2-1/4", 3/16" – 13/16" Dia. hole	48.00	pcs.
	Square Washer, 4" x 4" x 1/2" – 7/8" Dia. hole	48.00	pcs.
	Wire, Grounding, Aluminum Alloy, 3 Strand, # 4 AWG	40.00	l.m.
	Nut, Lock, MF Type, 5/8"	48.00	pcs.
	Anchor, Screw Thimble eye, 1" x 8', Dia. 10	10.00	pcs.
	Anchor expanding type	10.00	pcs.
	Wire Grip, Preformed, # 6 ACSR	20.00	pcs.
	Wire Grip, Preformed, # 4 ACSR	20.00	pcs.
	Solderless 2-Bolt Copper Connector (250 mcm min.)	3.00	pcs.
	60.0mm2 THHN Stranded Copper Conductor	300.00	l.m.
	22.0mm2 TW Stranded Copper Conductor (Grnd)	100.00	l.m.
	Grounding rod, HD Copper, 5/8" x 10'	1.00	l.m.
F.	Supply, Delivery and Installation of Generator Set 25 kVA, Three Phase, Diesel, Silent Type	1.00	l.s
G.	Testing and Commissioning	1.00	l.s

CONSTRUCTION OF PUMP/ BLOWER HOUSE				
Item No.	Item Description	Quantity	Unit	
I.	GENERAL REQUIREMENTS			
A.	Site Clearing and Preparation	1.00	l.s.	
II.	CIVIL AND ARCHITECTURAL WORKS			
A.	EARTHWORKS			
1.	Excavation	53.76	cu.m.	
	Column Footing	18.00	cu.m.	
	Wall Footing	35.76	cu.m.	
2.	Gravel Bedding, G1	37.04	cu.m.	
	Column Footing	0.90	cu.m.	
	Wall Footing	30.96	cu.m.	
	Floor Slab	5.18	cu.m.	
3.	Reclamation			
	Reclamation (with 25% Shrinkage)	202.50	cu.m.	
4.	Backfill and Compaction	52.08	cu.m.	
	Column Footing	19.20	cu.m.	
	Wall Footing	32.88	cu.m.	
В.	CONCRETE WORKS			
1.	Columns, C1	0.85	cu.m.	
	Portland Cement	8.00	bags	
	G3/4 Gravel	0.94	cu.m.	
	Coarse Sand	0.43	cu.m.	
2.	Beams			
	Rb-01	1.80	cu.m.	

	Portland Cement	17.00	bags
	G3/4 Gravel	1.80	cu.m.
	Coarse Sand	0.90	cu.m.
	Lintel Beam	0.18	cu.m.
	Portland Cement	2.00	bags
	G3/4 Gravel	0.18	cu.m.
	Coarse Sand	0.09	cu.m.
3.	Slabs		
	Ground Floor Slab	5.26	cu.m.
	Portland Cement	48.00	bags
	G3/4 Gravel	5.26	cu.m.
	Coarse Sand	2.63	cu.m.
4.	Ramp	0.09	cu.m.
	Portland Cement	1.00	bags
	G3/4 Gravel	0.09	cu.m.
	Coarse Sand	0.05	cu.m.
5.	Footings		
	F-1	3.15	cu.m.
	Portland Cement	29.00	bags
	G3/4 Gravel	3.15	cu.m.
	Coarse Sand	1.58	cu.m.
	WF-1	30.96	cu.m.
	Portland Cement	279.00	bags
	G3/4 Gravel	30.96	cu.m.
	Coarse Sand	15.48	cu.m.
C.	REINFORCEMENTS		
1.	Columns, C1	223.68	kgs.
	16mmø x 6.0m Def Bar	13.00	pcs.
	10mmø x 6.0m Def Bar	27.00	pcs.

	#16 G.I. Tiewire	11.00	kgs.
2.	Beams		
	RB-01	361.80	kgs.
	16mmø x 6.0m Def Bar	26.00	pcs.
	10mmø x 6.0m Def Bar	31.00	pcs.
	#16 G.I. Tiewire	5.00	kgs.
	Lintel Beam	23.46	kgs.
	12mmø x 6.0m Def Bar	3.00	pcs.
	10mmø x 6.0m Def Bar	2.00	pcs.
	#16 G.I. Tiewire	1.00	kgs.
3.	Slabs		
	Ground Floor Slab	288.36	kgs.
	12mmø x 6.0m Def Bar	54.00	pcs.
	#16 G.I. Tiewire	1.00	kgs.
4.	Walls		
	Partition Walls (Ground Floor)	204.60	kgs.
	10mmø x 6.0m Def Bar	55.00	pcs.
	#16 G.I. Tiewire	2.00	kg.
5.	Ramp	26.70	kgs.
	12mmø x 6.0m Def Bar	5.00	pcs.
	#16 G.I. Tiewire	1.00	kg
6.	Footings		
	F-1	151.68	kgs.
	16mmø x 6.0m Def Bar	16.00	pcs.
	#16 G.I. Tiewire	3.00	kgs.
	WF-1	197.58	kgs.
	12mmø x 6.0m Def Bar	37.00	pcs.

	#16 G.I. Tiewire	1.00	kgs.
D.	MASONRY WORKS		
1.	CHB Laying and Mortar		
	Walls	87.36	sq.m.
	4" x 8" x 16" Concrete Hollow Blocks (Class-A)	816.00	pcs.
	6" x 8" x 16" Concrete Hollow Blocks (Class-A)	276.00	pcs.
	Masonry Cement	57.00	bags
	Fine Sand	5.00	cu.m.
2.	Platering		
	Columns, C-1	13.60	sq.m.
	Cement	4.00	bags
	Fine Sand	1.00	cu.m.
	Beams, RB-01	18.40	sq.m.
	Cement	5.00	bags
	Fine Sand	1.00	cu.m.
	Lintel Beam	2.40	sq.m.
	Cement	1.00	bag
	Fine Sand	1.00	cu.m.
	Walls	174.72	sq.m.
	Cement	40.00	bags
	Fine Sand	5.00	cu.m.
E.	FORMWORKS & SCAFFOLDINGS		
	Coco Lumber, Assorted	700	bd.ft.
	Ordinary Plywood, 1/4 " x 4' x 8'	8.00	pcs.
	CWN Assorted	3.00	boxes
F.	OPENINGS		
1.	Doors		
	D1 - 0.80mW x 2.10mH Single Swing Steel Louvered Door	2.00	sets
2.	Windows		

	W1 - 1.80mW x 0.40mH Steel Frame Louvered Window	2.00	sets
3.	Locksets & Accessories		
	Stainless Steel Door Knob	1.00	pc.
	4"x 4" Stainless Hinge (2pcs/set)	2.00	sets
G.	CEILING WORKS	20.25	sq.m.
	Double Furring, 19mm x 50mm x 0.5mm x 5.0m	31.00	pcs.
	Wall Angle, 25mm x 25mm x 0.5mm x 5.0m	6.00	pcs.
	Carrying Channel, 12mm x 38mm x 0.8mm x 5.0m	8.00	pcs.
	Fiber Cement Board, 4' x 8' x 5mm thk	9.00	pcs.
	Blind Rivets, 1/8" x 1/2" (500pcs/Box)	2.00	box
	Aluminum Ceiling Vent, 80 x 500	4.00	pcs.
	Aluminum Manhole, 60x60	1.00	pc.
H.	PAINTING WORKS		
1.	Columns	13.60	sq.m.
	Skim Coat, 25kg	2.00	bags
	Acritex Primer	1.00	gal
	Elastomeric Paint	1.00	gal
	Sand Paper, #120	4.00	pcs.
	Sand Paper, #220	4.00	pcs.
	Baby Roller Brush	1.00	pc.
	Paint brush, 4"	1.00	pc.
	Rolling Pan	1.00	pc.
	Laquer Thinner	1.00	gal
2	Paama	20.00	
2.	Beams	20.80	sq.m.
	Skim Coat, 25kg	3.00	bags
	Acritex Primer	1.00	gal
	Elastomeric Paint	2.00	gals
	Sand Paper, #120	6.00	pcs.
	Sand Paper, #220	6.00	pcs.
	Baby Roller Brush	1.00	pc.

	Paint brush, 4"	1.00	pc.
	Rolling Pan	1.00	pc.
	Laquer Thinner	1.00	gal
3.	Walls	174.22	sq.m.
	Skim Coat, 25kg	25.00	bags
	Acritex Primer	6.00	gals
	Elastomeric Paint	9.00	gals
	Sand Paper, #120	44.00	pcs.
	Sand Paper, #220	44.00	pcs.
	Baby Roller Brush	4.00	pcs.
	Paint brush, 1-1/2"	1.00	pc.
	Paint brush, 4"	2.00	pcs.
	Rolling Pan	1.00	pc.
	Masking Tape, 1"	1.00	pc.
	Laquer Thinner	2.00	gals
4.	Ceiling	20.25	sq.m.
	Skim Coat, 25kg	2.00	bags
	Marine Epoxy	2.00	gals
	Acritex Primer	1.00	gals
	Elastomeric Paint	2.00	gals
	Sand Paper, #120	6.00	pcs.
	Sand Paper, #220	6.00	pcs.
	Baby Roller Brush	1.00	pcs.
	Paint brush, 1-1/2"	1.00	pc.
	Paint brush, 4"	1.00	pc.
	Rolling Pan	1.00	pc.
	Masking Tape, 1"	1.00	pc.
	Laquer Thinner	1.00	gal
5.	Floor	20.25	sq.m.
	Acritex Primer	1.00	gal

Rubberized Floor Paint	3.00	gals
Sand Paper, #120	6.00	pcs.
Sand Paper, #220	6.00	pcs.
Baby Roller Brush	1.00	pc.
Paint brush, 1-1/2"	1.00	pc.
Paint Brush, 4"	1.00	pc.
Rolling Pan	1.00	pc.
Making Tape, 1"	1.00	pc.
Laquer Thinner	1.00	pc.

I.	ROOFING WORKS		
1.	Trusses & Rafters Fabrication		
	T-01	139.86	kgs.
	Angle Bar, 1.5" x 1.5" x 5.0mm thk	7.00	pcs.
	Welding Rod, 2.5kg/box	3.00	box
	Consumables	1.00	l.s
	HT-01	179.82	kgs.
	Angle Bar, 1.5" x 1.5" x 5.0mm thk	9.00	pcs.
	Welding Rod, 2.5kg/box	4.00	box
	Consumables	1.00	l.s
	Fascia Rafter	179.82	kgs.
	Angle Bar, 1" x 1" x 4.0mm thk	9.00	pcs.
	Welding Rod, 2.5kg/box	4.00	box
	Consumables	1.00	l.s

2.	Purlins Installation		
	C-Purlins, 2" x 4" x 6m	11.00	pcs.
	Angle Bar, 1.5 x 1.5	1.00	pc.
	Round bar, 10mm dia.	4.00	pcs.
	Welding Rod, 2.5kg/box	1.00	box

	Consumables	1.00	l.s
3.	Roof Coverings & Insulation	45.60	sq.m.
	Pre-painted G.I. Roof, 0.5mm thk	38.00	mtrs
	Metal Tex Screw, 75mm	605.00	pcs.
	Roof Insulation, 8mm (50mtr/roll)	1.00	rolls
	Consumables	1.00	l.s
4.	Bended Accessories		
	Pre-painted Ridge Cap, 0.50mm x 0.305mm x 2.44m	8.00	pcs.
	Pre-painted Fascia Cover, 0.50mm x 0.305mm x 2.44m	10.00	pcs.
	Consumables	1.00	l.s
5.	Ceiling Panels	15.11	sq.m.
	Spandrel, 0.40mm x 0.229mm x 6.0m	11.00	pcs.
	Moulding, 0.40mm x 0.076mm x 2.44m	19.00	pcs.
	Double Furring, 19mm x 50mm x 0.5mm x 5.0m	15.00	pcs.
6.	Metal Primer		
	Epoxy Primer, Gray	2.00	gals
	Paint brush, 1-1/2"	1.00	pc.
	Paint brush, 4"	1.00	pc.
II.	ELECTRICAL WORKS		
A.	Electrical Layout		
	Panel Board, Bolt-on, Receesed Type, 3 Phase, 6- branches with Main Breaker	2.00	sets

100 Amp Circuit Breaker, Bolt-on, 3-Pole	1.00	pc.
40 Amp Circuit Breaker, Bolt-on, 3-Pole	4.00	pcs.
20 Amp Circuit Breaker, Bolt-on, 3-Pole	5.00	pc.
3.5mm THHN Wire Stranded	150.00	mtrs

	8.0mm THHN Wire Stranded	90.00	mtrs
	22mm THHN Stranded	70.00	mtrs
	30mm THHN Stranded	200.00	mtrs
	20 mm PVC Electrical Pipe	25.00	pcs.
	25 mm PVC Electrical Pipe	15.00	pcs.
	32 mm PVC Electrical Pipe	34.00	pcs.
	20 mm Electrical Flexible Hose	7.00	mtrs
	20 mm PVC Electrical Long Elbow	25.00	pcs.
	25 mm PVC Electrical Long Elbow	15.00	pcs.
	32 mm PVC Electrical Long Elbow	34.00	pcs.
	20 mm PVC Adaptor with Locknut	17.00	pcs.
	25 mm PVC Adaptor with Locknut	10.00	pcs.
	32 mm PVC Adaptor with Locknut	23.00	pcs.
	20 mm Flexible Hose Connector	5.00	pcs.
	Secondary Rack Three Spool	1.00	set
	Junction Box	6.00	pcs.
	Utility Box	9.00	pcs.
	Square Box 5"x5"x4"	2.00	pcs.
	Electrical Tape	20.00	pcs.
	Rubber Tape	10.00	pcs.
	PVC Solvent Cement 100cc	4.00	can
	2-Gang Switch Recessed Type	8.00	set
В.	Electrical Fixtures		
	4" Recessed Pinlight Socket	1.00	pc.
	7W LED Bulb, Cool White	1.00	pc.
	T8 Lighting - Recessed Type	2.00	pcs.
	T8 LED	2.00	pcs.

Duration: 60 calendar days		
Submitted by:		
Name and Signature of Bidder's	<b>Representative:</b>	
Position:		
Name of Company:		
Date:		

## Section IX. Checklist of Technical and Financial Documents

## **Checklist of Technical and Financial Documents**

## I. TECHNICAL COMPONENT ENVELOPE

## Class "A" Documents

## <u>Legal Documents</u>

(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

## <u>Technical Documents</u>

- (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) Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid; and
   A valid and current Philippine Contractors Accreditation Board (PCAB) License requirement shall be:

Size Range: at least Small B License Category: C & D Principal Classification: General Engineering; <u>and</u>

- ] (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; <u>or</u> Original copy of Notarized Bid Securing Declaration; <u>and</u>
  - (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 Engineers, Electrical Engineer, Mechanical Engineer and General Foreman), to be assigned to the contract to be bid, with their complete qualification and experience data;
    - c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be;
    - d. Certificate of Site Inspection issued by Mr. Rowvic Docena/09261670789
    - e. Project Evaluation and Review Technique (PERT) and Critical Path

Method (CPM) signed by Contractor's Project Engineer;

(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.

## <u>Financial Documents</u>

] (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

## Class "B" Documents

] (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR 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**

(j) Original of duly signed and accomplished Financial Bid Form; **and** 

## Other documentary requirements under RA No. 9184

- (k) Original of duly signed Bid Prices in the Bill of Quantities; <u>and</u>
  - (l) 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**
- [] (m
  - (m) Cash Flow by Quarter.

The following templates are provided for easy reference, which may also be accessed through this link: <u>https://www.gppb.gov.ph/downloadable-forms/#tab-61412</u>

- Contract Agreement Form for the Procurement of Infrastructure Projects;
- Omnibus Sworn Statement;
- Performance Securing Declaration;
- Bid Form for the Procurement of Infrastructure Projects; and
- Bid Securing Declaration

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

**Business Name** :\_\_\_\_\_ **Business Address** .\_\_\_\_\_

a. Name of Contract	Contract     a. Owner's Name     Natur       Amount of the     c. Telephone Nos     / Kind	Nature of Work	Bidder's R	ole	a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works/ Undelivered
b. Amount of the Contract		/ Kind of Goods	Description	%		Planned	Actual	Portion
<u>Government</u>								
Private								
*Continue 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	:

Date

#### Statement Identifying the Single Largest Completed Contract

	a. Owner's Name		Bidder's Role		a. Amount at	a. Date Awarded	
Name of Contract	<ul><li>b. Address</li><li>c. Telephone Nos.</li></ul>	Nature of Work / Kind of Goods	Description	%	Award b. Amount at Completion	<ul><li>b. Contract Effectivity</li><li>c. Date Completed</li></ul>	
Government							
<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.
- 3. Owner's Certificate of Final Acceptance issued by the project owner other than the contractor or a final rating of at least Satisfactory in the Constructors Performance Evaluation System (CPES).

#### 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
- 3. Owner's Certificate of Final Acceptance issued by the project owner other than the contractor or a final rating of at least Satisfactory in the Constructors Performance Evaluation System (CPES).

Submitted by	·
-	(Printed Name and Signature of Authorized Representative)
Designation Date	
Date	·

#### **Important Reminders**

- The bidders are encouraged to consult this checklist before submitting their Bid Envelopes on the deadline for the submission and the receipt of Bids. However, this is <u>by no means exclusive</u> 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 envelopes in accordance with the ITB Clause No. 15 and BFAR-BAC Online Bidding Procedure.
- > All documents shall be current and updated and any missing document in the abovementioned 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 when placed in an envelope, with documents tabbed and labeled.

## **ANNEXES**

# BFAR – BAC ONLINE BIDDING PROCEDURE

ANNEX A.....Bidder's Kit

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

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

## "ANNEX A"

### BIDDER'S KIT FOR BFAR PROCUREMENT GUIDELINES IN ADOPTING ELECTRONIC SUBMISSION OF BIDS.

#### (GPPB Resolution No. 09-2020)

#### I. <u>PRE-REGISTRATION & PRE-BID CONFERENCE</u>

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

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
- 3.

**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:

- Both ZIP folder and .PDF file shall be assigned file name "BFAR Bid Reference No.\_\_\_\_\_ (Company Name); Legal & Technical Documents"
- 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: <u>bac.eps@bfar.da.gov.ph</u> 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 <u>**FILL OUT FORM**</u> button. (See attached "Annex C")

#### V. <u>SUBMISSION OF BID</u>

**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. <u>RECEIVING OF THE SUBMITTED BID</u>

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 <u>"modification"</u> 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. <u>BID OPENING PROCESS</u>

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.

In the event that the electronic copy cannot be submitted, opened or is corrupted, the BAC will proceed with the opening of the submitted original hard copy.

#### **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 PDFfile
- 2. Choose **File > Protect UsingPassword**.

ile dit <u>V</u> iew <u>S</u> ign <u>W</u> indow <u>H</u> elp	
Den	Ctrl+O
EB Reopen PDFs from last session	
Create PDF	
Save <u>A</u> s	Shift+Ctrl+S
Convert to Word, Excel or PowerPoint	
Sa <u>v</u> e as Text	
Compress File	
Password Protect	
1 Share File	
<u>C</u> lose File	Ctrl+W
Prop <u>e</u> rties	Ctrl+D
Print	Ctrl+P

3. Select to set the password for Viewing thePDF.

Protect Using Passwo	rd
Requires user to enter a passw	ord for:
<ul> <li>Viewing</li> </ul>	
O Editing	
Type Password	
•••••	Strong Password
Re-type Password	
	]
More Options 🗸	Cancel 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 toarchive."

	Open with Adobe Acrobat Reader DC	
	Open	
	Print	
9	Share with Skype	
1	Edit with Adobe Acrobat	
15	Combine files in Acrobat	
B	Share	
	Open with	>
	Give encode to	>
100	Add to archive	
10	Add to Engronity&Technical Documents.rar"	
14	Compress and email	
1.00	Compress to "Eligibility&Technical Documents.rar" and email	
	Restore previous versions	
	Send to	>
	Cut	
	Сору	
	Create shortcut	
	Delete	
	Rename	
	Properties	

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

General	Advanced	Options	Files	Backup	Time	Comment	
Archive	e name						Browse
Eligibi	lity&Technic	al Docume	nts.zip				3
Defaul	t Profile			Update n	node		
	Profile	s		Add and	l replace	files	
Norma	ession metho al ary size	bd	~	Add		l archive ry record ed files	
32 KB	-		$\sim$	Loc	k archiv	e	
Split to	volumes, si	ze		-	-	-	No. of Concession, Name
		~ ME	3 ~		Se	et password	
				0200-00	State of the local division in which the local division in the loc		Contraction of the local division of the loc

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

nter password	×
Archiving with passwor	d
Enter password	
	~
Show password	
Encrypt file names	
ZIP legacy encryption	
Organize passwords	<u>s</u>

## **"ANNEX C"**

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## <u>Procedure of Accessing the BFAR BAC Online Submission of</u> <u>Bidding Documents via Google Forms.</u>

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

Registration form of Bidders	DOGX 8	0
bfar.bec.eps@gmail.com to me +		12.24 PM (D minutus agu) 🛱 🛧
Google Forms		
	The insted you to All out a form: Registration form of Bidders	
	Greate 1007 own Google Form	
🐟 Reply 🛛 🗰 Forward		

Figure 1.1

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

Step 3. Bidder must fill in the following required information

The name and photo associated wit files and submit this form. Not	th your Google account will be recorded when you uplo @gmail.com? <u>Switch account</u>	0.80
* Required		
Email address *		
Your email		
Company Name *		
Your enswer		
Company Address *		
Your answer		
Authorized Representative *		
Your answer		
Company Contact No. *		
Your answer		
Bid Reference *		
Your answer		
Bid Tittle *		
Your answer		
Upload the Scanned Official Re	celpt (OR) *	
.đ. Add file		
ppy of your responses will be en	salled to the address you provided.	

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

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

gistration form of Bidders		Thu, Sep 17, 2020 at 4.3
ogle Forms <forms-receipts-roreply@google.com> @gmail.com</forms-receipts-roreply@google.com>		Thu, Sep 17, 2020 #24.3
Google Forms		
	Thanks for filling out Registration form of Bidders Here's what we got from you:	
	Registration form of Bidders	
	Email address *	
	Company Name * Giue	
	Company Address * <u>Navolas</u>	
	Company Contact No. * 0929798498489	
	Bid Reference * 2020-26	
	Bid Title * White Sike	
	Upload the Scarmed Official Receipt (OR) * Submitted files Registration - BFAR BAC PMG	

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".

Google Forms		
	I've invited you to fill out a form: <b>Online Submission of Bid Documents</b> The Adoption of quidelines for the Rectance-Submission of Bids in accordance with GPPB Resolution 04- 3030(Procument) Guideline with elidolog) Upload all the requirements a. Compressed and passes doright of Eligibility & Technical Documents b. Compressed and passes doright of Eligibility & Technical Documents b. Compressed and passes doright of Eligibility & Technical Documents <b>Fisch out right</b>	

Figure 8.1

**Step 9.** Upon received, click the **<u>FILL OUT FORM</u>**.

**Step 10.** Click the <u>Add file</u> 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? <u>Switch account</u>
* Required
Email address *
Email dudi ess
Your email
Eligibility & Technical Documents *
1 Add file
Financial Documents *
1 Add file
T vad me
A copy of your responses will be emailed to the address you provided.
Submit
Figure 10.1

**Step 11.** Click the <u>Submit</u> 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.



le Forms <torms-receipts-noreply@google.com> @gmail.com</torms-receipts-noreply@google.com>	Sat, Sep 19, 2020 at 8:5
Google Forms	
Thanks for filling out Online Submission Here's what we got from you:	of Bid Documents
Online Submission of Bio	Documents
The Adoption of guidelines for the Electronic Submission of Resolution 09-2020(Procurement Guideline on Online Bid Upload all the requirements a. Compressed and password-protected of Eligibility & Tec b. Compressed and password-protected of Financial Docu	ting) hnical Documents
Email address *	
Eligibility & Technical Documenta *	
	INC.)Eligibility & Technical
Eligibility & Technical Documenta * Submitted files	INC.)Eligibility & Technical
Eligibility & Technical Documenta * Submitted files BFAR BID REFERENCE No.2020-1(LIVESTORNO Document - BFAR BAC.zip	INC.)Eligibility & Technical

Figure 11.2



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