PHILIPPINE BIDDING DOCUMENTS

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

CITY GOVERNMENT OF NAGA

Name of Project/Contract: City Agriculture Power Supply at City Agriculture Facilities, Nursery Road, Bgy. Carolina

Project/Contract Reference Number: 008455-2022-08

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 notes 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

INVITATION TO BID
FOR THE
CONSTRUCTION OF VARIOUS INFRASTRUCTURE PROJECTS

1. The *City Government of Naga*, intends to apply the sum of *Twenty Six Million Four Hundred Ninety Thousand Three Hundred (P 26,490,300.00) Pesos*, being the Approved Budget for the Contract (ABC) for the construction of the following infrastructure projects**:**

No.	Contract Reference Number	Name of Project and Location	Approved Budget for the Contract (ABC)	Contract Duration (calendar days)	Equipment Required	Source of Fund	Cost of Bid Documents
1	007805-2022-05	Improvement and Repair of Roofing at JMR Coliseum, CBD II, Bgy. Triangulo	14,623,100.00	120	compressor 15Hp, polyurethane foam spray machine 16kVa, air compressor 15 Hp, generator sets 25 KVa and 40 KVa	LDF 2022 and LDRRMF-continuing appropriation 2021	25,000.00
2	008549-2022-09	Expansion of Ricemill Warehouse at City Nursery, Bgy. Carolina	3,596,800.00	120	concrete mixer, plate compactor, welding machine	LDF 2022	5,000.00
3	008455-2022-08	City Agriculture Power Supply at City Agriculture Facilities, Nursery Road, Bgy. Carolina	2,825,400.00	30	DX transformer 100kVA 13.2/7.62 240/120, primary metering (CT, PT and other accessories), installation of transformer and primary metering	LDF 2022	5,000.00
4	008390-2022-07	Rehabilitation of Stairs, Installation of Roll-up at Naga City Peoples Mall, Bgy. Igualdad	2,291,500.00	120	welding machine	LDF 2022	5,000.00
5	008348-2022-06	Improvement of Administration Building at Naga City Science High School, Bgy. Balatas	1,664,500.00	75	welding machine	LDF 2022	5,000.00
6	008590-2022-09	Canopy and Cladding at Sta. Cruz Evacuation Center, Bgy. Sta. Cruz	1,489,000.00	60	welding machine	LDF 2022	5,000.00

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The *City Government of Naga* now invites bids for the above Procurement Project. Completion of the Works is required *within the required contract duration*. 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 *City Government of Naga and inspect the Bidding Documents at the address given below from 8:00AM to 5:00PM*.

5. A complete set of Bidding Documents may be acquired by interested bidders on *Thursday, December 1 to 21, 2022* from the BAC Secretariat, Room 208 Second Floor, City Hall Building, City Hall Compound and www.naga.gov.ph and www.philgeps.gov.ph; *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, as stated above*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *will be presented in person.*

6. The *City Government of Naga* will hold a Pre-Bid Conference on Fri*day, December 9, 2022, 3:00PM at the City Procurement Office, Ground Floor, City Hall Building, City Hall Compound, which shall be open to prospective bidders*.

7. Bids must be duly received by the BAC Secretariat through manual submission at the BAC Secretariat, Room 208 Second Floor, City Hall Building, City Hall Compound on or before 9:00AM on Wednesday, December 21, 2022. Late bids shall not be accepted.

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 Wednesday, December 21, 2022, 10:00AM at the City Procurement Office, Ground Floor, City Hall Building, City Hall Compound. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. Additional information:
    a) An Annual Registration Fee of Three Thousand (P 3,000.00) Pesos is required.
    b) Forms in the PBD should be used in submitting proposals and should remain unaltered.

11. The *City Government of Naga* 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.

12. For further information, please refer to:

    ENGR. ALEXANDER N. CANING
    Acting City Engineer, City Engineer's Office
    1st Floor City Hall Building, City Hall Compound, J. Miranda Avenue
    Concepcion Pequena, Naga City 4400
    Mobile Number: +639175801165
    Email address: bac@naga.gov.ph/alexandercaning@gmail.com
    Website: **www.naga.gov.ph**

13. For downloading of bidding documents, you may visit the following websites: **www.philgeps.gov.ph** / **www.naga.gov.ph**

    Date of Issue: December 1 to 8, 2022

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *City Government of Naga* invites Bids for the *City Agriculture Power Supply at City Agriculture Facilities, Nursery Road, Bgy. Carolina*, with Project/Contract Reference Number: *008455-2022-08*.

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 LDF 2022 in the amount of *Two Million Eight Hundred Twenty Five Thousand Four Hundred (P 2,825,400.00) Pesos.*

2.2. The source of funding is: LDF 2022, LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

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: Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address City Procurement Office, Ground Floor, City Hall Building, City Hall Compound, Naga City, 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 *120 calendar days.* Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

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 15 shall be submitted for each contract (lot) separately.

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

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: *Power Supply projects and other similar related structures.*
10.4	The key personnel must meet the required minimum years of experience set below:
	Key Personnel General Experience Relevant Experience *Project Manager, Project Engineer, Foreman, licensed Construction Safety and Health Officer, Materials Engineer, and workers*
10.5	The minimum major equipment requirements are the following: *DX transformer 100kVA 13.2/7.62 240/120, primary metering (CT, PT and other accessories), installation of transformer and primary metering*
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than 56,508.00 *[Insert two percent (2%) of ABC]*, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than 141,270.00 *[Insert five percent (5%) of ABC]* if bid security is in Surety Bond.
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

2. Sectional Completion of Works

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

3. Possession of Site

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

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

4. The Contractor's Obligations

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

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

5. Performance Security

5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.

5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

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

7. Warranty

7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.

7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

8. Liability of the Contractor

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

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

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract

acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in **ITB** Clause 4.

10. Dayworks

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

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC.**

11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC.** If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

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

13. Advance Payment

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

14. Progress Payments

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

15. Operating and Maintenance Manuals

15.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC.**

15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

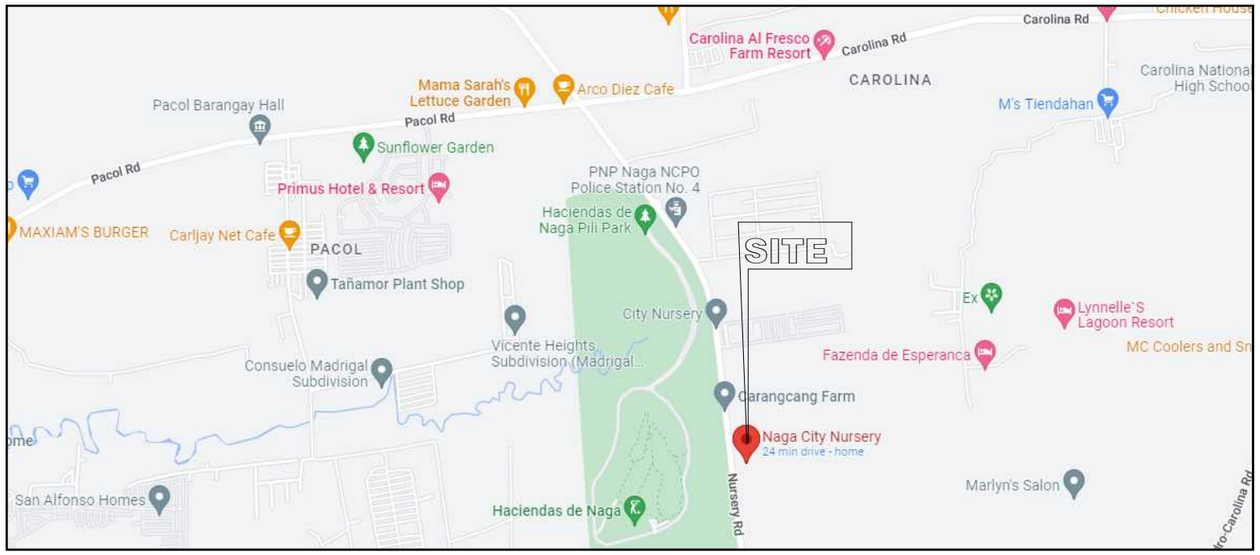
Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
7.2	*[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]* **Fifteen (15) years.** *[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:]* **Five (5) years.** *[In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures:]* **Two (2) years.**
10	*Dayworks are applicable at the rate shown in the Contractor's original Bid.*
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative *immediately upon* delivery of the Notice of Award.
13	The amount of the advance payment is *P 423,810.00 Pesos, as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment]*.

Section VI. Specifications

Section VII. Drawings



VICINITY MAP
NTS

1. THE ELECTRICAL INSTALLATION SHOW IN THE PLAN SHALL CONFORM TO THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, RULES AND REGULATIONS OF THE LOCAL COMPANY AND THE LOCAL GOVERNMENT WHERE THE PROJECT WILL BE CONSTRUCTED.
2. ALL ELECTRICAL MATERIALS AND EQUIPMENT TO BE USED IN THE PROJECT SHALL BE BRAND NEW AND OF APPROVED QUALITY AND BRAND.
3. THE ELECTRIC WIRING INSIDE THE BUILDING SHALL BE THROUGH PVC CONDUIT PIPES NOT SMALLER THAN 20mm DIAMETER, PNS 14.
4. THERE SHALL BE ONE SERVICE DROP FROM THE NEAREST ELECTRIC COMPANY POLE TO THE PROPOSED BUILDING.
5. WIRES TO BE USED INSIDE THE BUILIDING SHALL BE NOT SMALLER THAN 2.0mm^2 THHN WIRE WITH 600V INSULATION.
6. THE TYPE OF POWER SERVICE TO BE SUPPLIED SHALL BE SINGLE PHASE, 20V, A.C..
7. THE MOUNTING OF ELECTRIC DEVICES SHALL BE FOLLOWS:

a.	WALL SWITCHES	1.37m ABOVE FLOOR LINE
b.	CONVENIENCE OULET	0.30m ABOVE FLOOR LINE
c.	PANEL BOARD	1.80m ABOVE FLOOR LINE
d.	KILOWATT-HOUR METER	1.63m ABOVE FLOOR LINE

GENERAL NOTES
NTS

- LIGHTING OUTLET
- FLOURESCENT LIGHT
- 2-GANG CONVENIENCE OUTLET
- L.O. CIRCUIT LINE
- C.O. CIRCUIT LINE
- SWITCH LEG
- CIRCUIT HOMERUN (PP1 / 1)
- POWER BOARD (PP)
- 1GANG SWITCH (S1)
- TWO GANG SWITCH (S2)
- THREE GANG SWITCH (S3)
- S3W — THREE WAY SWITCH
- CIRCUIT BREAKER
- KILOWATT HOUR METER (M)
- GENARATOR SET (G)
- MOTOR STARTER
- MOTOR (M)
- INCOMING 3-PHASE SUPPLY
- 3PHASE DISTRIBUTION TRASNFORMER
- TRANSFER SWITCH
- FL — FLOOD LIGHT
- PL — POST LAMP
- ALUMINUM CONDUCTOR (DROP WIRE)

LEGEND
NTS

REPUBLIC OF THE PHILLIPINES
OFFICE OF THE CITY ENGINEER
CITY OF NAGA

PROJECT TITLE:
PROPOSED CITY AGRICULTURE POWER SUPPLY
LOCATION: ALONG NURSERY ROAD, CARARYAN-CAROLINA RD.,BRGY CARARAYAN, N.C.

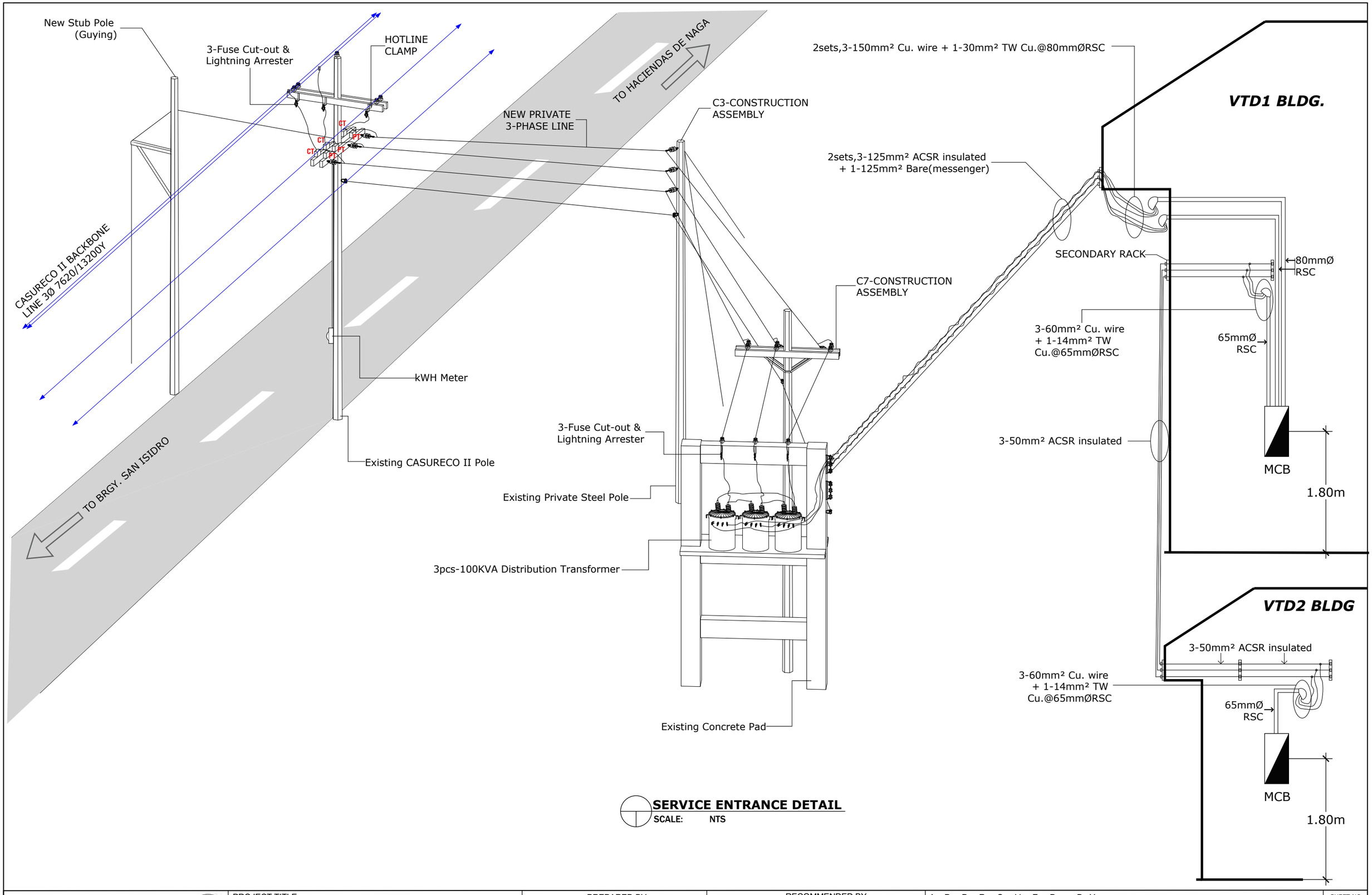
PREPARED BY:
JUDE P. GOROM
ENGINEER

RECOMMENDED BY:
GREGORY D.L MORENO
ENGINEER III

APPROVED BY:
ALEXANDER N. CANING
ACTING CITY ENGINEER

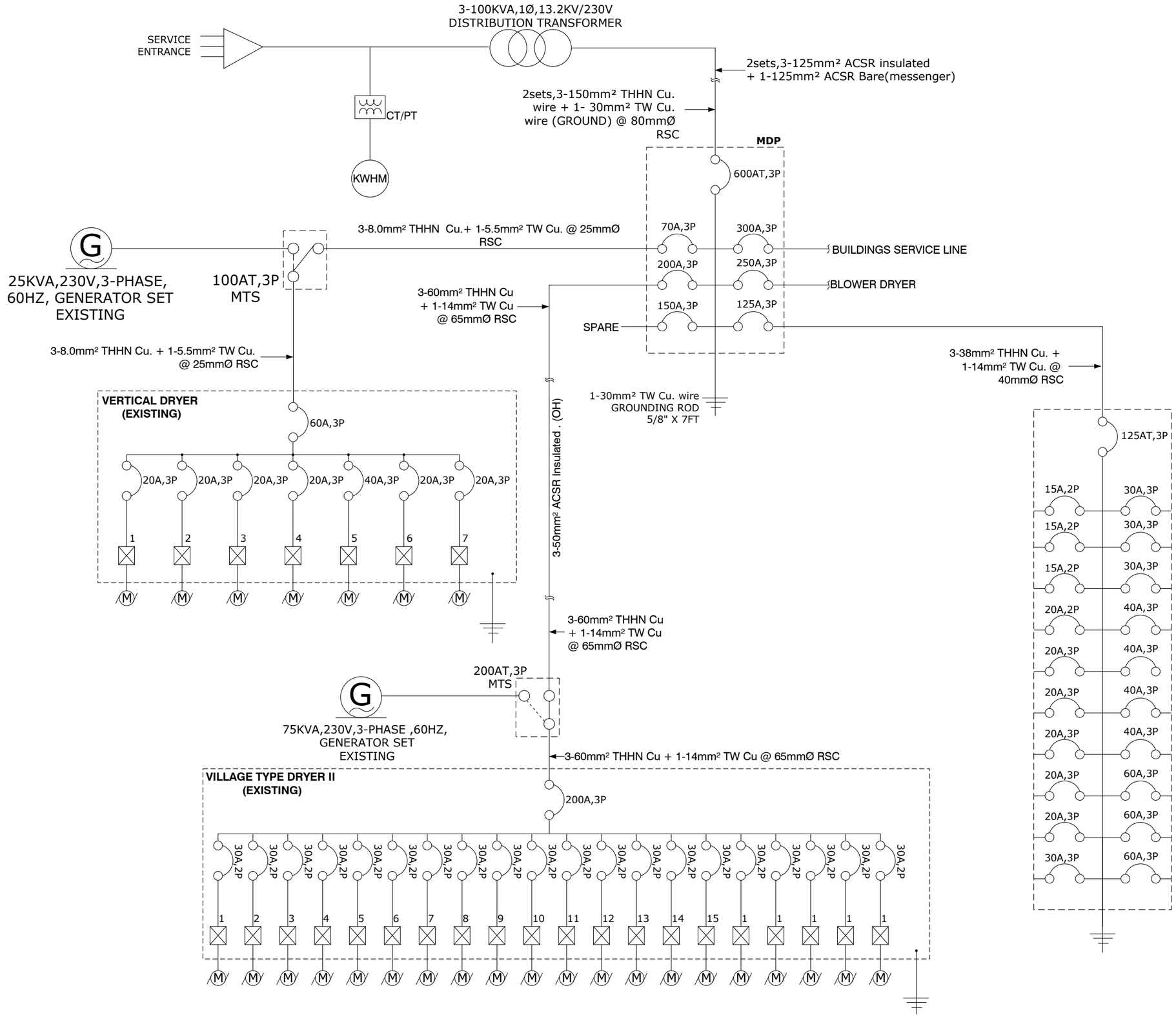
NELSON S. LEGACION
CITY MAYOR

SHEET NO.



SERVICE ENTRANCE DETAIL
SCALE: NTS

REPUBLIC OF THE PHILLIPINES OFFICE OF THE CITY ENGINEER CITY OF NAGA	PROJECT TITLE: PROPOSED CITY AGRICULTURE POWER SUPPLY LOCATION: ALONG NURSERY ROAD, CARARYAN-CAROLINA RD.,BRGY CARARAYAN, N.C.	PREPARED BY: **JUDE P. GOROM** ENGINEER	RECOMMENDED BY: **GREGORY D.L MORENO** ENGINEER III	A P P R O V E D B Y: **ALEXANDER N. CANING** ACTING CITY ENGINEER	**NELSON S. LEGACION** CITY MAYOR	SHEET NO.



RISER DIAGRAM

REPUBLIC OF THE PHILLIPINES OFFICE OF THE CITY ENGINEER CITY OF NAGA	PROJECT TITLE: PROPOSED CITY AGRICULTURE POWER SUPPLY LOCATION: ALONG NURSERY ROAD, CARARYAN-CAROLINA RD.,BRGY CARARAYAN, N.C.	PREPARED BY: **JUDE P. GOROM** ENGINEER	RECOMMENDED BY: **GREGORY D.L MORENO** ENGINEER III	A P P R O V E D B Y: **ALEXANDER N. CANING** ACTING CITY ENGINEER **NELSON S. LEGACION** CITY MAYOR	SHEET NO.

CRKT. NO.	LOAD DESCRIPTION	HP	V	AMP				CIRCUIT BREAKER		SIZE OF WIRE AND CONDUIT		
				AB	BC	CA	3Ø	AT	POLE	WIRE	GROUND	CONDUIT
VILLAGE TYPE DRYER II												
1	Conveyor Loading	2	230				6.8	30	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
2	Conveyor Loading	2	230				6.8	30	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
3	Conveyor unloading	2	230				6.8	30	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
4	Conveyor Sheller	1	230				4.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
5	Conveyor Cob	1	230				4.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
6	Sheller Drum	7.5	230				22	60	3	3-14mm² THHN	1-5.5mm² THHN	20mmØ RSC
7	Shifter	2	230				6.8	30	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
8	Cob Dryer Blower	5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	20mmØ RSC
9	Cob Dryer Blower	5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	20mmØ RSC
10	Elevator	2	230				6.8	30	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
11	Unloader Conveyor	2	230				6.8	30	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
12	Unloader Motor	1	230				4.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
13	LSU Dryer Blower	5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	20mmØ RSC
14	LSU Dryer Blower	5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	20mmØ RSC
15	Grain Cleaner	2	230				6.8	30	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
16	Furnace Feeder	0.5	230				2.2	15	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
17	Furnace Feeder	0.5	230				2.2	15	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
18	Electric Blower	0.5	230				2.2	15	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
19	Electric Blower	0.5	230				2.2	15	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
20	Electric Blower	0.5	230				2.2	15	3	3-5.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
Sub-total							**154**	**200**	**3**	**3-60mm² THHN**	**1-14mm² TW**	**65mmØ RSC**
VERTICAL DRYER												
1	COB FEEDER	0.5	230				2.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
2	BURNER BLOWER	0.75	230				3.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
3	EXHAUST FAN	1	230				4.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
4	CORN LOADER	1	230				4.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	20mmØ RSC
5	BLOWER	5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
6	AUGER TYPE CONVEYOR	2	230				6.8	20	3	3-3.5mm² THHN	1-5.5mm² THHN	20mmØ RSC
7	MIXER/ STIRRER	1	230				4.2	20	3	3-3.5mm² THHN	1-3.5mm² THHN	**20mmØ RSC**
Sub-total							**40**	**70**	**3**	**3-8.0mm² THHN**	**1-5.5mm² TW**	**25mmØ RSC**
VTD1 BODEGA		-	230	10.17	-	-		30	2	2-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
TRADING POST		-	230	26.74	-	-		60	2	2-14mm² THHN	1-5.5mm² THHN	25mmØ RSC
FERTILIZER BODEGA		-	230	-	3.39	-		30	2	2-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
RICE&CORN STOCK BLDG.		-	230	-	-	11.39		60	2	2-14mm² THHN	1-5.5mm² THHN	25mmØ RSC
RICE MILL		-	230	9.48	-	-		40	2	2-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
FLAT BED DRYER		-	230	26.87	-	-		60	2	2-14mm² THHN	1-5.5mm² THHN	25mmØ RSC
OFFICE		-	230	-	11.91	-		40	2	2-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
TRAINING BLDG		-	230	-	-	20.43		60	2	2-14mm² THHN	1-5.5mm² THHN	25mmØ RSC
MUSHROOM HOUSE		-	230	13.83	-	-		40	2	2-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
PROCESSING BLDG.		-	230	-	75.96	-		100	2	2-22mm² THHN	1-8.0mm² THHN	32mmØ RSC
RICE PROCESSING CENTER		-	230	-	-	7.35		60	2	2-14mm² THHN	1-5.5mm² THHN	25mmØ RSC
SERVICE AREA		-	230	13.83	-	-		40	2	2-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
PERIMETER LIGHT		-	230	-	53.14	-		60	2	2-14mm² THHN	1-5.5mm² THHN	25mmØ RSC
ENRO COMPOUND		-	230	-	-	105.23		125	2	2-38mm² THHN	1-22mm² THHN	40mmØ RSC
WELDING MACHINE		-	230	43.48	-	-		60	2	2-14mm² THHN	1-5.5mm² THHN	32mmØ RSC
Sub-total				**144.4**	**144.4**	**144.4**		**300**	**3**	**3-125mm² THHN**	**1-30mm² TW**	**80mmØ RSC**
RICE MILL BLOWER DRYER I		5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	20mmØ RSC
RICE MILL BLOWER DRYER II		5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
RICE MILL BLOWER DRYER III		5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
RICE MILL BLOWER DRYER IV		5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
RICE MILL BLOWER DRYER V		5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
RICE MILL BLOWER DRYER VI		5	230				15.2	40	3	3-8.0mm² THHN	1-5.5mm² THHN	25mmØ RSC
Sub-total							**91.2**	**125**	**3**	**3-30mm² THHN**	**1-8.0mm² TW**	**40mmØ RSC**
Grand-total				**144.4**	**144.4**	**144.4**	**285.2**	-				

SERVICE ENTANCE CONDUCTOR

Iw = 285A + (144.4 x 1.732) + 0.25(22A)= 540.61 Amps

USE: 2sets,3-150mm² THHN Cu. wire &
1- 30mm² THHN Cu. wire (GROUND)
@ 80mmØ RSC

MAIN CIRCUIT BREAKER

Icb = 513.31A + 2.5(22A)= 568.31Amps

USE 600AT,3P, 230V, MCCB

TRANSFORMER RATING

$$KVA_t = \frac{\sqrt{3}(540.61A)(230V)}{1000} \times 1.25$$

= 269.20KVA

USE 3-100KVA,1Ø,13.2KV/230V, 60Hz
DISTRIBUTION TRANSFORMER

CKT. NO.	LOAD DESCRIPTION	V	VA	AMP	CB. RATING	SIZE OF WIRE	SIZE OF CONDUIT
VTD1 BODEGA							
1	3pcs-LIGHTING OUTLET	230	300	1.30	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	3pcs-POWER OUTLET	230	540	2.35	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	SPARE	230	1500	6.52	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	2,340	10.17	30AT; 2P	2-8.0mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
RICE PROCESSING CENTER							
1	10pcs-LIGHTING OUTLET	230	1000	1.30	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	3pcs-POWER OUTLET	230	540	2.35	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	EXHAUST FAN	230	150	6.52	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	1,690	7.35	60AT; 2P	2-14mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
TRADING POST							
1	8pcs-LIGHTING OUTLET	230	800	3.48	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	8pcs-POWER OUTLET	230	1440	3.26	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	CORN MILL(3HP)	230	3910	17	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	6,150	26.74	60AT; 2P	2-14mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
RICE MILL							
1	5pcs-LIGHTING OUTLET	230	500	3.48	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	1pc-POWER OUTLET	230	180	3.26	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	SPARE	230	1500	17	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	2,180	9.48	40AT; 2P	2-8.0mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
FLAT BED DRYER							
1	3pcs-LIGHTING OUTLET	230	300	1.30	20AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
	2pcs-POWER OUTLET	230	360	1.57		2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	2hp Electric Motor	230	2760	12	30AT; 2P	2-5.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	2hp Electric Motor	230	2760	12	30AT; 2P	2-5.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	6,180	26.87	60AT; 2P	2-14mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
RICE&CORN STOCK BLDG.							
1	4pcs-LIGHTING OUTLET	230	400	3.48	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	4pcs-POWER OUTLET	230	720	3.26	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	SPARE	230	1500	17	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	2,620	11.39	60AT; 2P	2-14mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
FERTILIZER BODEGA							
1	6pcs-LIGHTING OUTLET	230	600	2.61	30AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
	1pc-POWER OUTLET	230	180	0.78		2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	780	3.39		2-8.0mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
MUSHROOM HOUSE							
1	6pcs-LIGHTING OUTLET	230	600	2.61	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	6pcs-POWER OUTLET	230	1080	4.70	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	SPARE	230	1500	6.52	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	3,180	13.83	40AT; 2P	2-8.0mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
OFFICE							
1	7pcs-LIGHTING OUTLET	230	700	2.61	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	3pcs-POWER OUTLET	230	540	4.70	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	SPARE	230	1500	6.52	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	2,740	11.91	40AT; 2P	2-8.0mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
SERVICE AREA							
1	4pcs-LIGHTING OUTLET	230	400	2.61	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	4pcs-POWER OUTLET	230	720	4.70	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	SPARE	230	1500	6.52	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	3,180	13.83	40AT; 2P	2-8.0mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14
PROCESSING BLDG.							
1	12pcs-LIGHTING OUTLET	230	1200	5.22	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
2	4pcs-POWER OUTLET	230	720	3.13	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	HYDRATOR MACHINE	230	4500	19.57	25AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
4	HYDRATOR MACHINE	230	4500	19.57	25AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
5	STRAND MIXER	230	370	1.61	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
6	POWDERIZE GRINDER	230	4500	19.57	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
7	COMMERCIAL BLENDER	230	1680	7.30	20AT; 2P	2-3.5mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	17,470	75.96	100AT; 2P	2-22mm² THHN + 1-8.0mm² TW	32mmØ uPVC PIPE PNS 14
TRAINING BLDG							
1	7pcs-LIGHTING OUTLET	**230**	700	3.04	**15AT; 2P**	**2-2.0mm² THHN + 1-2.0mm² TW**	**20mmØ uPVC PIPE PNS 14**
2	7pcs-LIGHTING OUTLET	230	700	3.04	15AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
3	4pcs-POWER OUTLET	230	720	3.13	20AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
4	6pcs-POWER OUTLET	230	1080	4.7	20AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
5	SPARE	230	1500	6.52	20AT; 2P	2-2.0mm² THHN + 1-2.0mm² TW	20mmØ uPVC PIPE PNS 14
TOTAL		-	4,700	20.43	60AT; 2P	2-14mm² THHN + 1-5.5mm² TW	25mmØ uPVC PIPE PNS 14

SCHEDULE OF LOAD

REPUBLIC OF THE PHILLIPINES
OFFICE OF THE CITY ENGINEER
CITY OF NAGA

PROJECT TITLE:
PROPOSED CITY AGRICULTURE POWER SUPPLY
LOCATION: ALONG NURSERY ROAD, CARARYAN-CAROLINA RD.,BRGY CARARAYAN, N.C.

PREPARED BY:
JUDE P. GOROM
ENGINEER

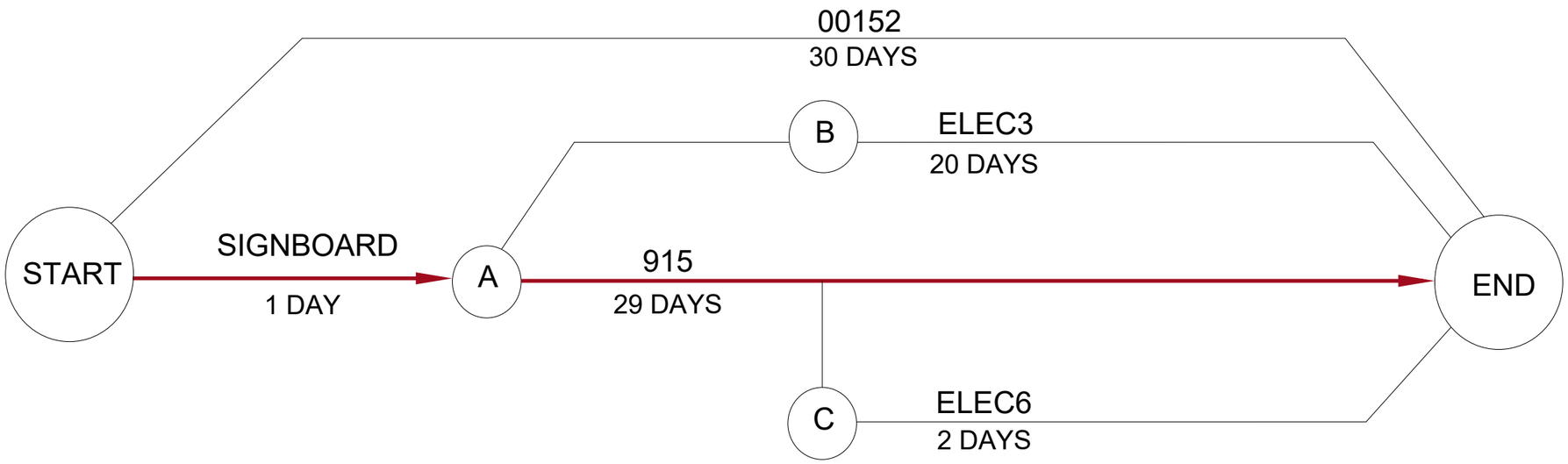
RECOMMENDED BY:
GREGORY D.L MORENO
ENGINEER III

APPROVED BY:
ALEXANDER N. CANING
ACTING CITY ENGINEER

NELSON S. LEGACION
CITY MAYOR

SHEET NO.

PROJECT EVALUATION REVIEW TECHNIQUE-CRITICAL PATH METHOD



ITEM NO.	ITEM DESCRIPTION
915	DX MATERIALS & EQUIPMENT COST
ELEC3	SERVICE ENTRANCE/ PANEL BOARD
ELEC6	GROUNDING MATERIALS
00152	SAFETY AND HEALTH PROGRAM
SPL001	SIGNBOARD

LEGEND:

ITEM OF WORK
DURATION
CRITICAL PATH

ITEM OF WORK
DURATION
REGULAR SCHEDULE

REPUBLIC OF THE PHILLIPINES OFFICE OF THE CITY ENGINEER CITY OF NAGA	PROJECT TITLE: PROPOSED CITY AGRICULTURE POWER SUPPLY LOCATION: ALONG NURSERY ROAD, CARARYAN-CAROLINA RD.,BRGY CARARAYAN, N.C.	PREPARED BY: **JUDE P. GOROM** ENGINEER	RECOMMENDED BY: **GREGORY D.L MORENO** ENGINEER III	A P P R O V E D B Y: **ALEXANDER N. CANING** ACTING CITY ENGINEER	**NELSON S. LEGACION** CITY MAYOR	SHEET NO.

Section VIII. Bill of Quantities

BILL OF QUANTITIES

Name of Project and Location		**City Agriculture Power Supply at City Agriculture Facilities, Nursery Road, Bgy. Carolina**			
Contract Reference Number		**008455-2022-08**			
Approved Budget for the Contract (ABC)		**P 2,825,400.00**			
Contract Duration		**30 calendar days**			
Equipment Required		DX transformer 100kVA 13.2/7.62 240/120, primary metering (CT, PT and other accessories), installation of transformer and primary metering			
Item No.	Description	Quantity	Unit	Unit Price (in pesos)	Amount (in pesos)
915	DX Material and Equipment Cost	100.00	ln.m.		
ELEC3	Service Entrance/Panel Board	L S			
152	Safety and Health Program	6.00	mos.		
ELEC6	Grounding Materials	L S			
SPL001	Project Billboard	1.00	pc.		
T O T A L					
Total Amount in Words:					

Submitted by:

Name & Signature of Bidder's Representative: _____

Position: _____

Name of Bidder: _____

D a t e : _____

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **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; **and**

☐ (d) Special PCAB License in case of Joint Ventures**and** registration for the type and cost of the contract to be bid; **and**

☐ (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission**or**original copy of Notarized Bid Securing Declaration; **and**

(f) Project Requirements, which shall include the following:

☐ a. Organizational chart for the contract to be bid;

☐ b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), 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;**and**

☐ (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.

Financial Documents

☐ (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; **and**

☐ (l) Duly accomplished Detailed Estimates Form, including a summary shee indicating the unit prices of construction materials, labor rates, and equipmen rentals used in coming up with the Bid; **and**

☐ (m) Cash Flow by Quarter.

FORMS

Bid Form for the Procurement of Infrastructure Projects

Date : _____
Project/Contract Identification No. : _____

To: CITY GOVERNMENT OF NAGA
City Hall Compound, J. Miranda Avenue
Concepcion Pequena, Naga City

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers _____ [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: _____ [insert name of contract];

b. We offer to execute the Works for this Contract in accordance with the PBDs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: _____ (P _____) Pesos [insert information];

d. The discounts offered and the methodology for their application are: _____ [insert information];

e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____ (P _____) Pesos [insert percentage amount]percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;

i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the _____ [Name of Project] of the City Government of Naga.

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

Omnibus Sworn Statement

_____

REPUBLIC OF THE PHILIPPINES)
CITY OF NAGA) S.S.

AFFIDAVIT

I, _____, of legal age, _____ [Civil Status], _____ [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. [If a sole proprietorship:] I am the sole proprietor or authorized representative of _____ with office address at _____;

[If a partnership, corporation, cooperative, or joint venture:]I am the duly authorized and designated representative of _____ with office address at _____;

2. [If a sole proprietorship:]As the owner and sole proprietor, or authorized representative of _____, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for _____ of the City Government of Naga, as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:]I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for _____ of the City Government of Naga, as shown in the attached _____ [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. _____ is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. _____ is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. [If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:]None of the officers and members of _____ is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of _____ is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. _____ complies with existing labor laws and standards; and

8. _____ is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

a. Carefully examining all of the Bidding Documents;
b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the _____.

9. _____ did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the

prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 20_____ at Naga City, Philippines.

_____

Name of Bidder or its Authorized Representative

_____

Signatory's legal capacity

Affiant

SUBSCRIBED AND SWORN to before me this ___ day of _____, 20____ [month] [year] at _____ [place of execution],Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her _____[insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on _____ at _____.

Witness my hand and seal this _____ day of _____, 20_____ [month] [year].

REPUBLIC OF THE PHILIPPINES)
CITY OF NAGA) S.S.

BID SECURING DECLARATION

Project/Contract Identification No.: _____

To: CITY GOVERNMENT OF NAGA
City Hall Compound, J. Miranda Avenue
Concepcion Pequena, Naga City

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.

2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.

3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of _____ [month], _____ [year] at _____ [place of execution].

_____
Name of Bidder or its Authorized Representative

_____
Signatory's legal capacity
Affiant

SUBSCRIBED AND SWORN to before me this ___ day of _____, 20____ [month] [year] at _____ [place of execution],Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her _____[insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on _____ at _____.

Witness my hand and seal this _____ day of _____, 20_____ [month] [year].

STATEMENT OF THE BIDDER'S SINGLE LARGEST COMPLETED CONTRACT (SLCC)

(similar to the contract to be bid, in accordance with ITB Clause 5.4)

Business Name: _____

Business Address: _____

Name of Contract	Date of Contract	Contract Duration	Owner's Name and Address	Nature of Work	Contractor's Role (sole contractor, subcontractor or partner in a JV) and percentage of participation	Contract Value at Award	Estimated Completion Time	Percentage of Planned and Actual Accomplishments	Value of Outstanding Works
GOVERNMENT									
PRIVATE									

Note: This statement shall be supported with: 1. Notice of Award and/or Notice to Proceed, 2. Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory

Submitted by:

_____

Name & Signature of Authorized Representative

_____

Designation

_____

Date

STATEMENT OF ALL 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)

Business Name: _____
Business Address: _____

Name of Contract	Date of Contract	Contract Duration	Owner's Name and Address	Nature of Work	Contractor's Role (sole contractor, subcontractor or partner in a JV) and percentage of participation	Contract Value at Award	Estimated Completion Time	Percentage of Planned and Actual Accomplishments	Value of Outstanding Works
GOVERNMENT									
PRIVATE									

Note: This statement shall be supported with: 1. Notice of Award and/or Contract; 2. Notice to Proceed, 3. Certificate of Accomplishment signed by the owner or authorized representative

Submitted by:

_____
Name & Signature of Authorized Representative

_____
Designation

_____
Date

NOTE:

1. PLEASE USE THE FORMS PROVIDED IN THIS PBD AND SHOULD REMAIN UNALTERED.

2. KINDLY USE TABS AT THE UPPER RIGHT SIDE OF ALL THE DOCUMENTARY REQUIREMENTS.

Republic of the Philippines
gppb
Government Procurement Policy Board