

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
Regional Field Office No. 5
San Agustin, Pili, Camarines Sur 4418

*Labor and Materials for the Construction of Kilomaon
SPIS – Brgy. Kilomaon, Sagñay, Camarines Sur*

04-INFRA-CORN-2023

Sixth Edition
October 27, 2022

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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

Labor and Materials for the Construction of Kilomaon SPIS – Brgy. Kilomaon, Sagñay, Camarines Sur

1. The *Department of Agriculture Regional Field Office No. 5*, through the *National Expenditure Program (NEP) for CY 2023 Corn Program* intends to apply the sum of *Seven Million Nine Hundred Twenty Thousand Pesos Only (Php 7,920,000.00)* being the ABC to payments under the contract for **ITB No. 04-INFRA-CORN-2023**. Bids received in excess of the ABC shall be automatically rejected at bid opening. **Partial bid is not allowed.**

Item No.	Description	ABC (Php) (inclusive of VAT)	Funding Source	Bid Security: Cash/Cashier's/Manager's Check, Bank Draft /Guarantee, Irrevocable Letter of Credit (2%) (Php)	Bid Security: Surety Bond (5%) (Php)	Cost/Price of Bid Documents (cash payment only) (Php)
1	Construction of Kilomaon SPIS	7,920,000.00	NEP 2023 Corn Program	158,400.00	396,000.00	10,000.00

2. The *Department of Agriculture Regional Field Office No. 5* now invites bids for the following:

Description	Specifications	Unit Cost	Location of Project	Delivery of the Goods
Construction of Kilomaon SPIS	pls. see attached plan for the specifications	7,920,000.00	Sagñay, Camarines Sur	150 Calendar Days upon receipt of NTP

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.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Interested Bidders may obtain further information from *Department of Agriculture Regional Field Office No. 5* and inspect the Bidding Documents at the address given below during ***Mondays – Fridays, 8:00 AM to 5:00 PM.***

5. A complete set of Bidding Documents may be acquired by interested Bidders on **October 31 – November 23, 2022 (9:00 AM)** from 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 of [*Please see Invitation to Bid no. 1*]. The Procuring Entity shall allow the bidder to present its proof of payment for the fees.
6. The **Department of Agriculture Regional Field Office No. 5** will hold a Pre-Bid Conference on **November 9, 2022; 10:00 AM** at 3rd Flr. Training Hall, Operations Bldg., DA RFO-5, San Agustin, Pili, Camarines Sur, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **November 23, 2022; 9:00 AM**. 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 **November 23, 2022; 10:00 AM** at the given address below 3rd Flr. Training Hall, Operations Bldg., DA RFO-5, San Agustin, Pili, Camarines Sur. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. In case of a tie Bid, the BAC will conduct the Guidelines on the Use of Non-Discretionary/Non-Discriminatory Selection criteria as Tie-Breaking Method thru DRAW LOTS in case of two or more Bidders have been post-qualified determined as the bidder having the Lowest calculated and Responsive Bidder (LCRB) (GPPB Circular No. 06-2005).
11. The **Department of Agriculture Regional Field Office No. 5** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

BAC Secretariat Office

Department of Agriculture, Regional Field Office No. 5

San Agustin, Pili, Camarines Sur 4418

Email Address: bacrfo5@gmail.com

For downloading of Bidding Documents: www.dabicol.gov.ph

October 27, 2022, San Agustin, Pili, Camarines Sur

LORENZO L. ALVINA

Chief, Integrated Laboratories Division
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *Department of Agriculture Regional Field Office No. 5* Invites Bids for the *Labor and Materials for the Construction of Kilomaon SPIS – Brgy. Kilomaon, Sagñay, Camarines Sur*, with Project Identification Number **04-INFRA-CORN-2023**.

The Procurement Project (referred to herein as “Project”) is for the construction of Works for the **Construction of Kilomaon SPIS**, as described in Section VI (Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below *National Expenditure Program (NEP) for CY 2023 Corn Program* in the amount of *Seven Million Nine Hundred Twenty Thousand Pesos Only (Php 7,920,000.00)*.

2.2. The source of funding is:

a. NGA, the National Expenditure Program.

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 per Lot, 50% of the total ABC of the bided lots or 50% of the total ABC (3,960,000.00).*

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.
 - a. 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 and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the

IB, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

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

11. Documents Comprising the Bid: Financial Component

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

12. Alternative Bids

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

13. Bid Prices

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

14. Bid and Payment Currencies

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

14.2. Payment of the contract price shall be made in:

- a. Philippine Pesos.

15. Bid Security

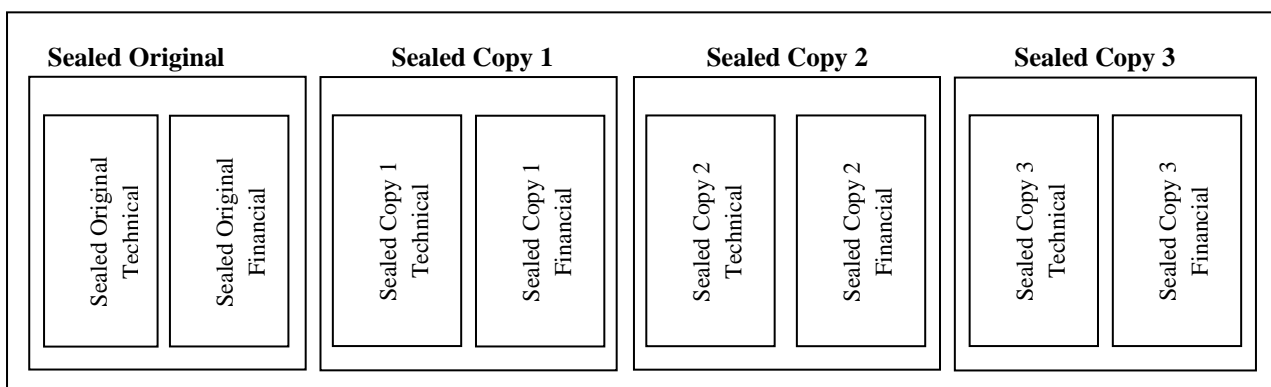
15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

15.2. The Bid and bid security shall be valid until **March 23, 2023**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

Each Bidder shall submit one (1) copy of the Original and three (3) copies copy of the first and second components of its Bid.

Sealed Original, Copy 1, Copy 2 & 3 in one (1) Single Envelope



All copies shall be marked Certified True Copy & signed by the bidder or its duly authorized representative.

Additional instructions: All copies must be marked with index/ear tabs or side-end tabs to identify the page components and shall be properly addressed to the **BAC Chairperson**.

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

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

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause																			
5.2	<p>For this purpose, contracts similar to the Project shall be:</p> <p style="margin-left: 40px;">a. SPIS</p> <p style="margin-left: 40px;">b. completed within Five (5) years prior to the deadline for the submission and receipt of bids.</p>																		
7.1	<i>[Specify the portions of Works and the maximum percentage allowed to be subcontracted, which shall not be significant or material components of the Project as determined by the Procuring Entity.]</i>																		
10.3	Valid PCAB License																		
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>key Personnel</u></th> <th style="text-align: center;"><u>General Experience</u></th> <th style="text-align: center;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>1. Agricultural Engineer</td> <td>5 years and above</td> <td rowspan="2">Agricultural Engineering A Civil/Structural Engineer, Experienced & handled different construction projects similar to building projects</td> </tr> <tr> <td>2. Project Engineer</td> <td>5 years and above</td> </tr> <tr> <td>3. Material Engineer</td> <td>5 years and above</td> <td>Developing, modifying, testing and evaluating materials</td> </tr> <tr> <td>4. Safety and Health Officer</td> <td>5 years and above</td> <td>Monitored and controlled safety compliance</td> </tr> <tr> <td>5. Foreman</td> <td>5 years and above</td> <td>Management and Technical Experience/Foreman Experience</td> </tr> </tbody> </table> <p>SF 46 must be Notarized SF 47</p>	<u>key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	1. Agricultural Engineer	5 years and above	Agricultural Engineering A Civil/Structural Engineer, Experienced & handled different construction projects similar to building projects	2. Project Engineer	5 years and above	3. Material Engineer	5 years and above	Developing, modifying, testing and evaluating materials	4. Safety and Health Officer	5 years and above	Monitored and controlled safety compliance	5. Foreman	5 years and above	Management and Technical Experience/Foreman Experience	
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10.5	<p>The minimum major equipment requirements are the following:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>Equipment</u></th> <th style="text-align: center;"><u>Capacity</u></th> <th style="text-align: center;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td>Concrete Mixer</td> <td>1 bagger</td> <td>1 unit</td> </tr> <tr> <td>Minor Tools</td> <td></td> <td></td> </tr> <tr> <td>Welding Machine</td> <td></td> <td></td> </tr> <tr> <td>Compatible Generator</td> <td></td> <td></td> </tr> <tr> <td>Truck</td> <td></td> <td></td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	Concrete Mixer	1 bagger	1 unit	Minor Tools			Welding Machine			Compatible Generator			Truck		
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Concrete Mixer	1 bagger	1 unit																	
Minor Tools																			
Welding Machine																			
Compatible Generator																			
Truck																			
12	<i>[Insert Value Engineering clause if allowed.]</i>																		
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:																		

	<p>a. The amount of not less than 158,400.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p>b. The amount of not less than 396,000.00, if bid security is in Surety Bond.</p>
19.2	Partial bid is not allowed
20	<i>[List licenses and permits relevant to the Project and the corresponding law requiring it, e.g. Environmental Compliance Certificate, Certification that the project site is not within a geohazard zone, etc.]</i>
21	<p>Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity:</p> <ol style="list-style-type: none"> 1. Construction schedule and S-curve 2. Manpower schedule 3. Construction methods 4. Equipment utilization schedule 5. Construction safety and health program approved by the Department of Labor and Employment 6. PERT/CPM or other acceptable tools of project scheduling. 7. Performance Evaluation Report of Single Largest Completed Contract (SLCC) duly signed by the end-user with the approval of the Director or RTD for government contract and with the approval of the highest-ranking official for private contract.

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**

4.1. 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.

4.2. 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. Day works

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 Day works 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	Description	Specifications	Unit Cost	Location of Project	Delivery of the Goods
	Construction of Kilomaon SPIS	pls. see attached plan for the specifications	7,920,000.00	Sagñay, Camarines Sur	150 Calendar Days upon receipt of NTP
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i>				
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>				
7.2	<i>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.</i>				
10	a. Day works 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 within 3 days of delivery of the Notice of Award.				
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i> .				
13	The amount of the advance payment is <i>[insert amount as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment]</i> .				
14	<i>[If allowed by the Procuring Entity, state:]</i> Materials and equipment delivered on the site but not completely put in place shall be included for payment.				
15.1	The date by which operating and maintenance manuals are required is <i>[date]</i> . The date by which "as built" drawings are required is <i>[date]</i> .				
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .				

Section VI. Specifications

Section VII. Drawings

[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO.5
SAN AGUSTIN, PILI, CAMARINES SUR

PROJECT TITLE

P R O P O S E D :

**SUPPLY OF LABOR & MATERIALS FOR THE
CONSTRUCTION OF KILOMAON SOLAR
POWERED IRRIGATION SYSTEM**

LOCATION: BARANGAY KILOMAON, SANGAY, CAMARINES SUR

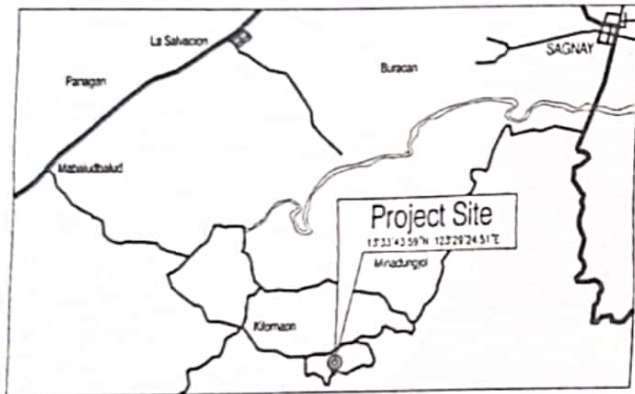
PREPARED BY:

RAED OFFICE





L O C A T I O N M A P



V I C I N I T Y M A P

SHEET CONTENT :

1 15	LOCATION MAP SHEET CONTENT
2 15	TOPOGRAPHIC MAP AND FARM PLAN
3 15	SITE DEVELOPMENT PLAN
4 15	PROFILE ALONG CENTERLINE OF SPIS DETAIL OF STILLING POOL
5 15	DETAIL OF PEDESTAL FOUNDATION PLAN SOLAR MODULE ARRAY
6 15	SOLAR MOUNTING STRUCTURE FRAMING PLAN EAST ELEVATION VIEW SOUTH ELEVATION VIEW
7 15	NORTH ELEVATION VIEW ISOMETRIC DETAIL BLOW UP DETAIL OF TRUSS
8 15	DETAIL OF SUMP PUMP
10 15	DETAIL OF CONTROLLER HOUSE
11 15	DETAIL OF PERIMETER FENCE AND GATES
13 15	ELECTRICAL LAYOUT
15 15	PROJECT MARKER

RAO-EPDSS-009
Effectivity Date: February 02, 2022



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, PULI, CAMARINES SUR

Title of Project	Supply of Labor & Materials for the Construction of Kilomao SPIS
Location	Brgy. Kilomao, Sagnay, Camarines Sur
Other Contents	AS SHOWN

Prepared by
[Signature]
BELL JOSEPH D. BONITO
Engineer 1

Checked by
[Signature]
ANTHONY MIRA
Engineer 2

Reviewed by
[Signature]
JERONIMO ERORA
Engineer

Submitted by
[Signature]
GILBERT S. SALCEDO
Project Engineer

Recommending Approval
[Signature]
LUZ R. MARCELINO
BTO for Operations and Maintenance

Approved by
[Signature]
RODEL ROTORNELA MABE
Regional Engineer

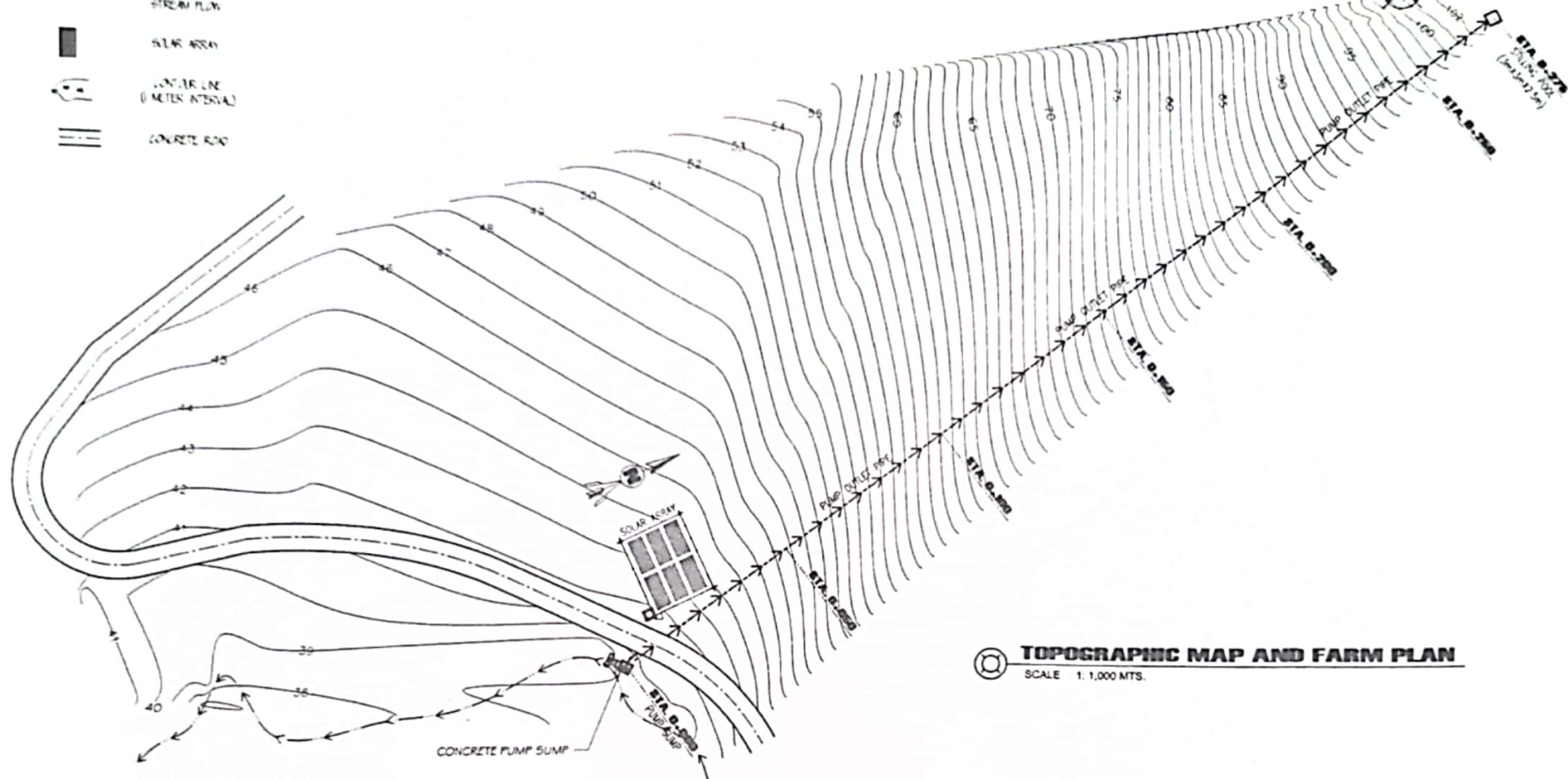
DATE	
TIME	
SCALE	
PROJECT NO.	
PROJECT NAME	
PROJECT LOCATION	
PROJECT STATUS	
PROJECT PHASE	
PROJECT BUDGET	
PROJECT COST	
PROJECT VALUE	

LEGEND:

-  NORTH MARK
FOOT OF MANGA TREE
ELEVATION = 1740'
-  STREAM FLOW
-  SOLAR AREA
-  CENTER LINE
(5 METER INTERVAL)
-  CONCRETE ROAD







BENCH MARK, FOOT OF MANGA TREE
(EL. 101' 60")

B M

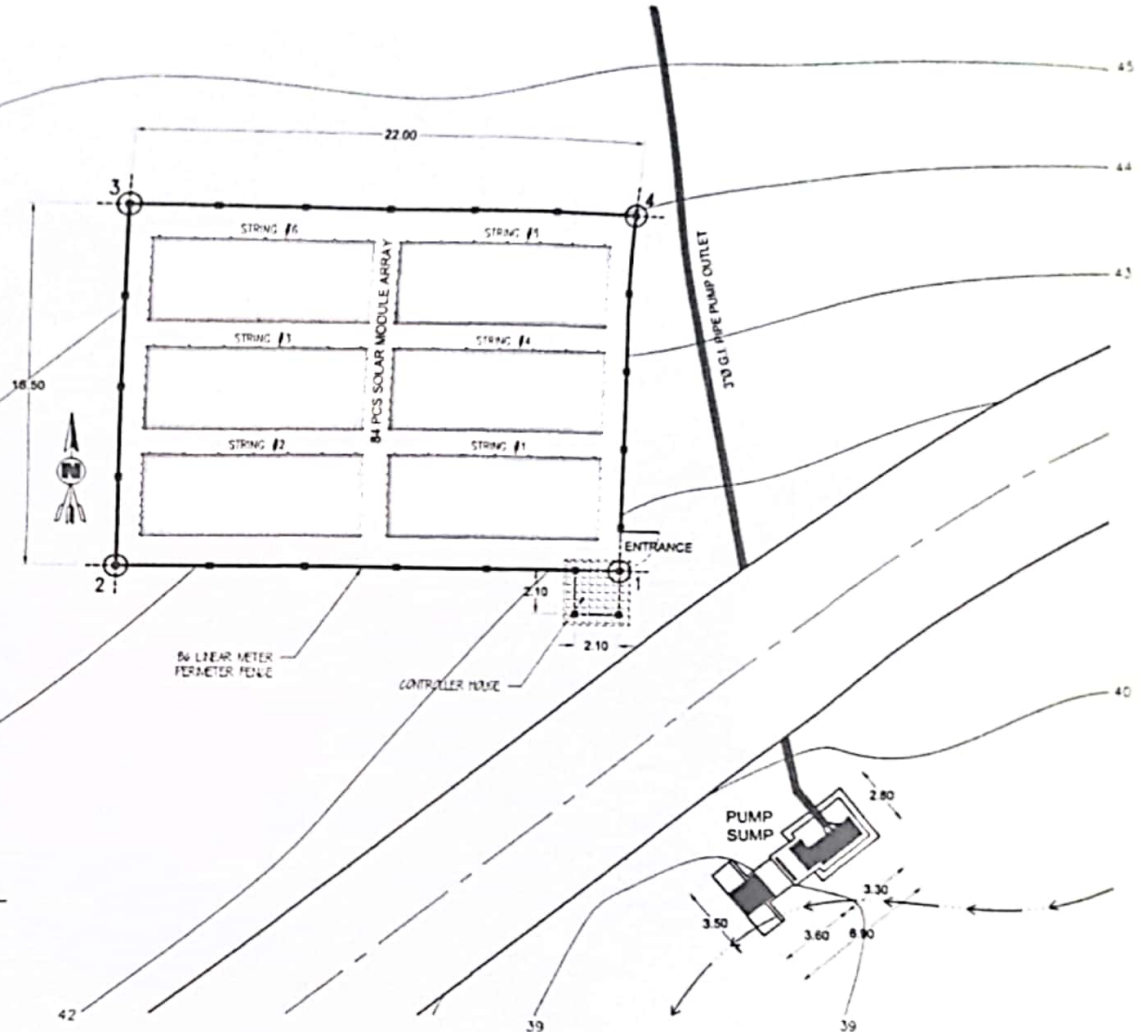


TOPOGRAPHIC MAP AND FARM PLAN
SCALE 1:1,000 MTS.

RAO EP055.009
Effective Date: February 02, 2022

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PBL, CAMARINES SUR</p>	<p>Name of Project Supply of Labor & Materials for the Construction of Kilomaon SPIS</p>	<p>Prepared by  BELL JOSEPH D. BONITO Engineer I</p>	<p>Checked by  ARTHUR'S MIRA Engineer II</p>	<p>Reviewed by  JOHN A. EROSA Engineer</p>	<p>Submitted by  GILBERT S. SALCEDO DC - Chief, RAO</p>	<p>Recommending Approver LUZ R. MARCELENO RTD - for Operations and Maintenance</p>	<p>Approved by  RODEL P. FORNILLO MARF Regional Engineer</p>	<p>DATE SUBMITTED DATE OF REVIEW</p>	
	<p>Location Brgy. Kilomaon, Sagsay, Camarines Sur</p>								
	<p>Sheet Contents AS SHOWN</p>								

REFERENCE LINES AND POINTS		
LINE	BEARING	DISTANCE
1-2	DUE WEST	22.00 m.
2-3	DUE NORTH	16.50 m.
3-4	DUE EAST	22.00 m.
4-1	DUE SOUTH	16.50 m.



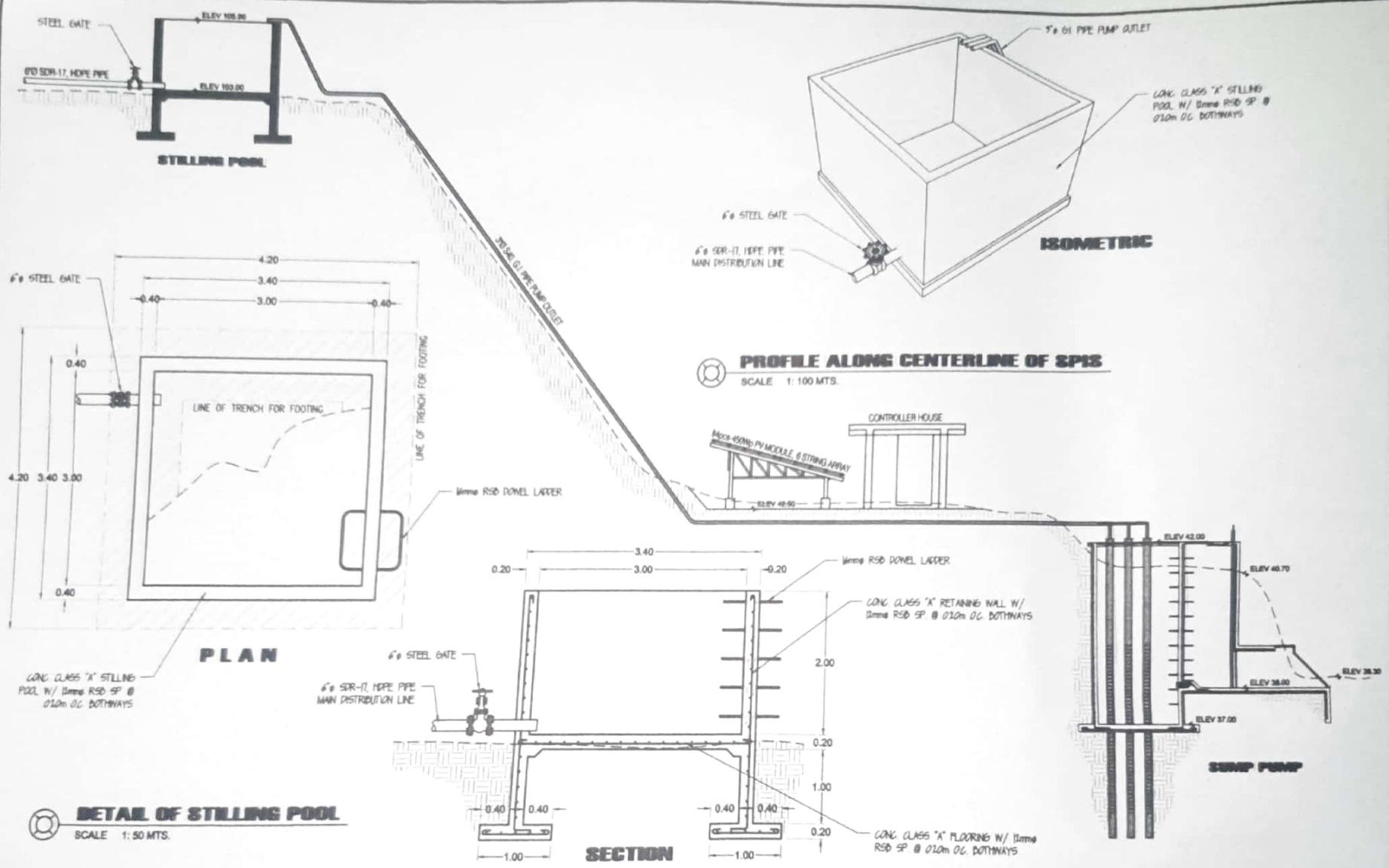
SITE DEVELOPMENT PLAN
SCALE 1: 200 MTS

RAC-EPDS-009
Project Date: February 02, 2022



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, PILI, CAMARINES SUR

Name of Project Supply of Labor & Materials for the Construction of Kilomoon SPIS	Prepared by BELL JOSEPH D. BUNTO	Checked by ARTHUR BLAIRA	Reviewed by JANEY A. LERINA	Submitted by GILBERT S. SALCEDO	Recommending Approval LUZ R. MARCELINO	Approved by RODEL P. BRUNO	DATE 2022
Location Brgy. Kilomoon, Sagnay, Camarines Sur	Sheet Contents AS SHOWN						



DETAIL OF STILLING POOL
SCALE 1:50 MTS.

PROFILE ALONG CENTERLINE OF SPIS
SCALE 1:100 MTS.

ISOMETRIC

PLAN

SECTION

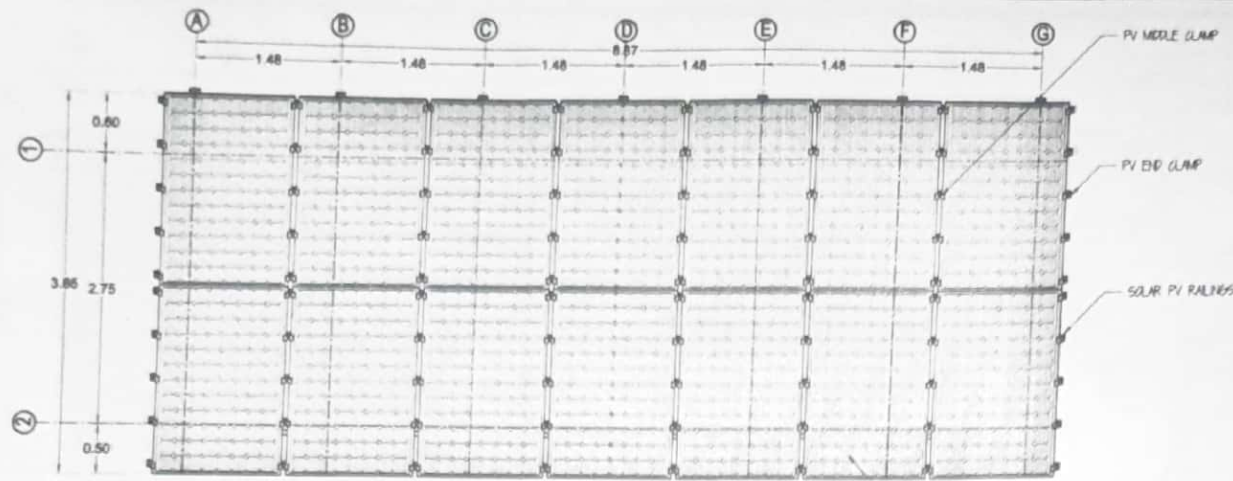
SUMP PUMP

RACD-CROSS-009
Effectivity Date: February 02, 2022



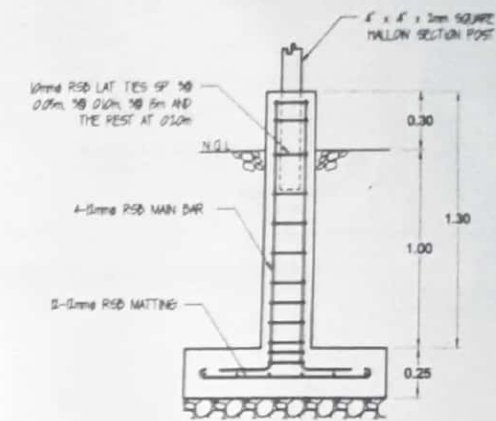
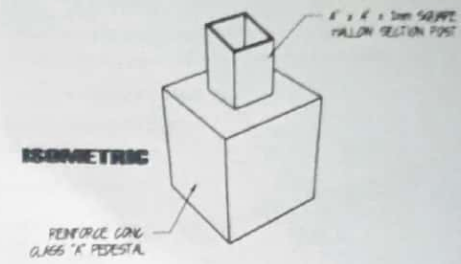
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, PILI, CAMARINES SUR

Name of Project	Prepared by:	Checked by:	Reviewed by:	Submitted by:	Recommending Approval:	Approved by:	DATE
Supply of Labor & Materials for the Construction of Kilomoon SPIS	BELL JOSEPH D BONITO Engineer I	ARTHUR B. MIRA Engineer II	JENNY A. EBORA SPIS Head	GILBERT S. SALCEDO SPIC - Chief, RAID	LUIZ R. MARCELINO STD. for Operations and Extension	RODEL P. GORNILLA, MARE	
Location:	Brgy. Kilomoon, Sagay, Camarines Sur						
Sheet Contents:	AS SHOWN						

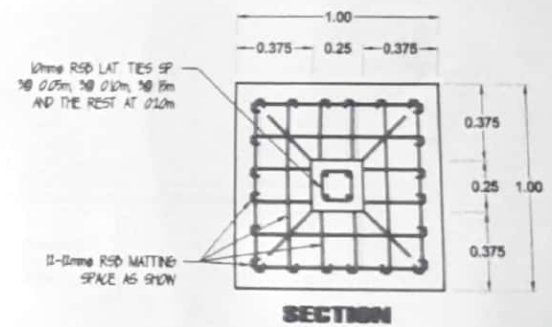


SOLAR PV MODULE ARRAY PER STRING
SCALE 1:50 MTS.

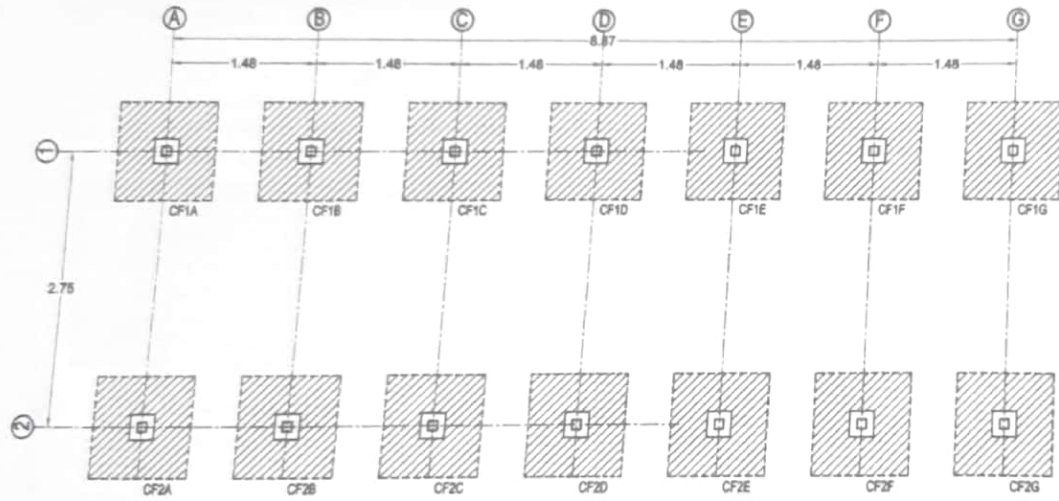
14 PUS-60NP SOLAR PV MODULE IN SERIES PER STRING, 1 STRING IN PARALLEL PER SOLAR PUMP



PLAN



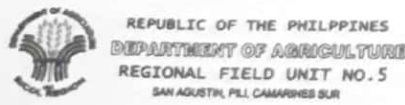
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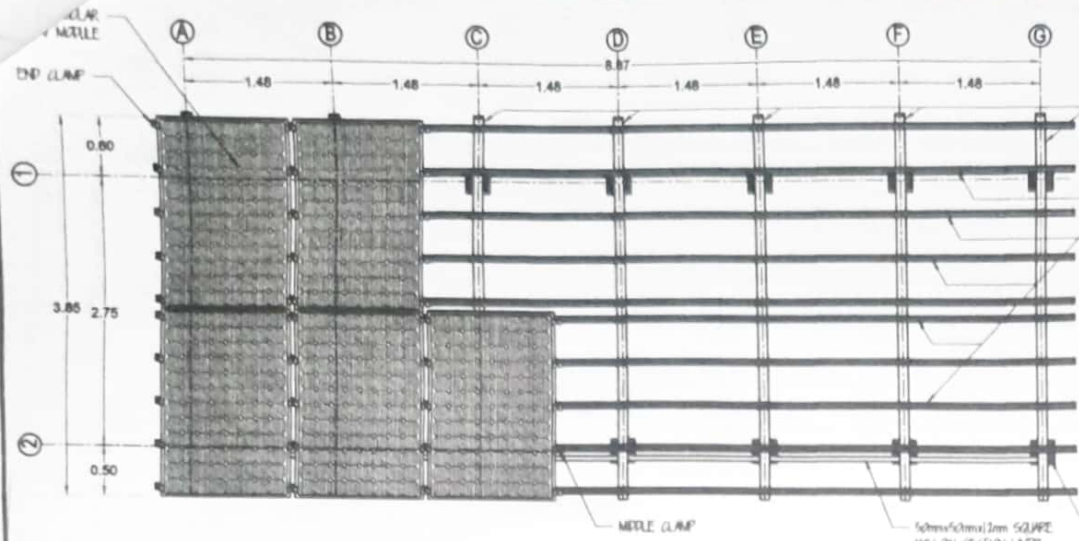
FOUNDATION PLAN
SCALE 1:50 MTS.

DETAIL OF PEDESTAL
SCALE 1:25 MTS.

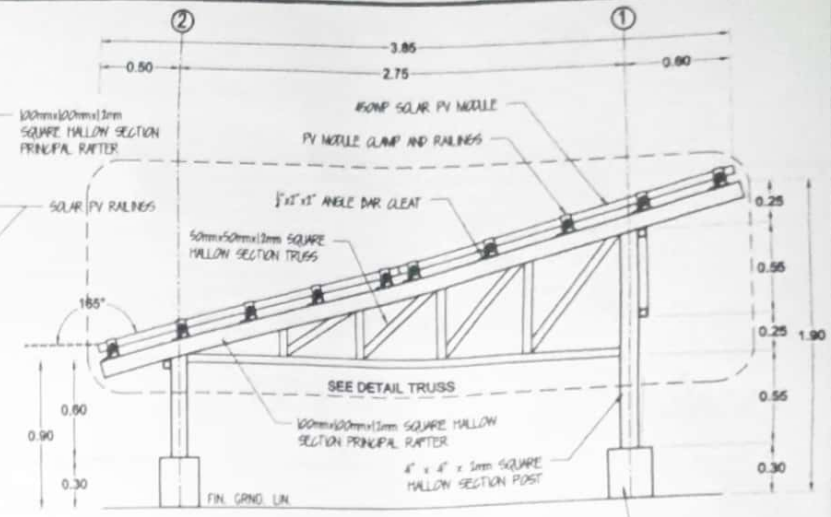
RAFD-EPDSS-009
Effectivity Date: February 02, 2022



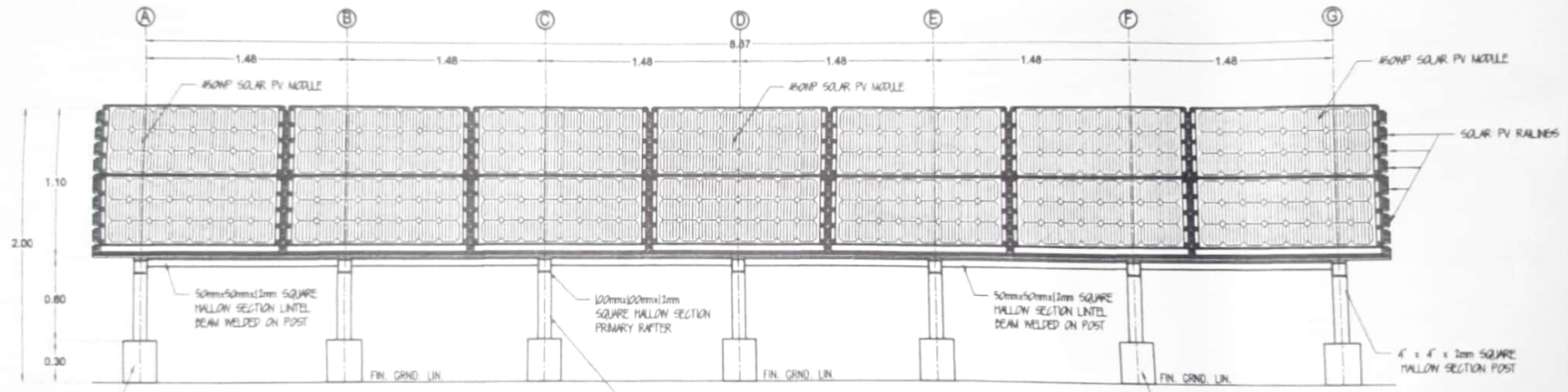
Name of Project Supply of Labor & Materials for the Construction of Kilomoon SPIS	Prepared by: BELL JOSEPH D. BONITO Engineer I	Checked by: ARTHUR MIRA Engineer II	Reviewed by: JERON A. EBOÑA District Head	Submitted by: GILBERT S. SALCEDO IC - Chief SAAD	Recommending Approval: LUZ R. MARCELINO ETD - for Operations and Extension	Approved by: RODEL P. FORNESA, MABE Regional Environmental Manager	Date for Date Date Date
Location: Barry, Kilomoon, Sagay, Camarines Sur	AS SHOWN						



SOLAR MOUNTING STRUCTURE FRAMING PLAN
SCALE 1: 50 MTS.



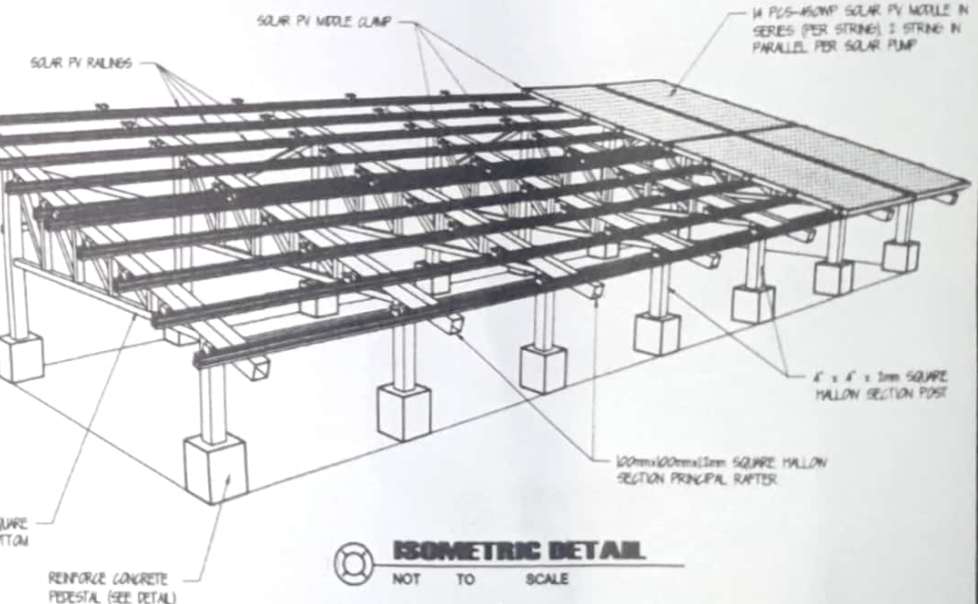
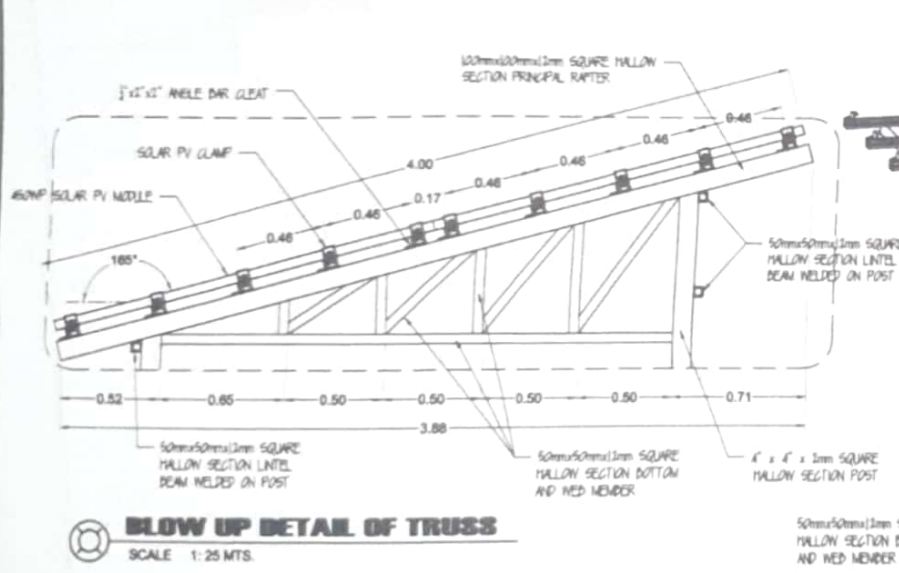
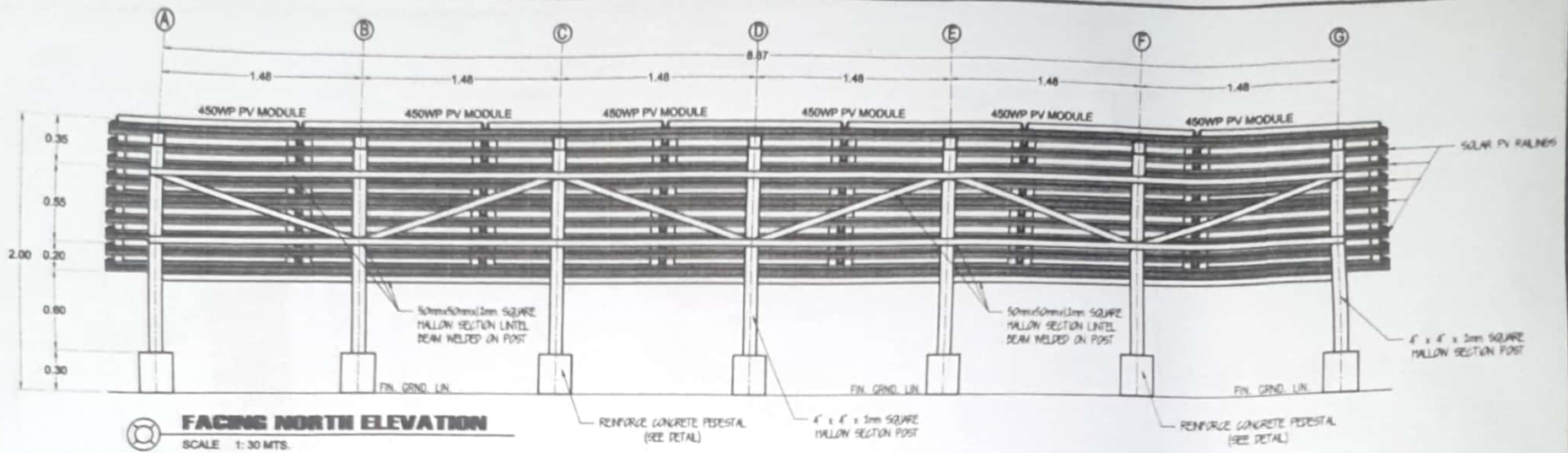
FACING EAST ELEVATION
SCALE 1: 30 MTS.
REINFORCE LONG CLASS "A" PEDESTAL (SEE DETAIL)



FACING SOUTH ELEVATION
SCALE 1: 30 MTS.

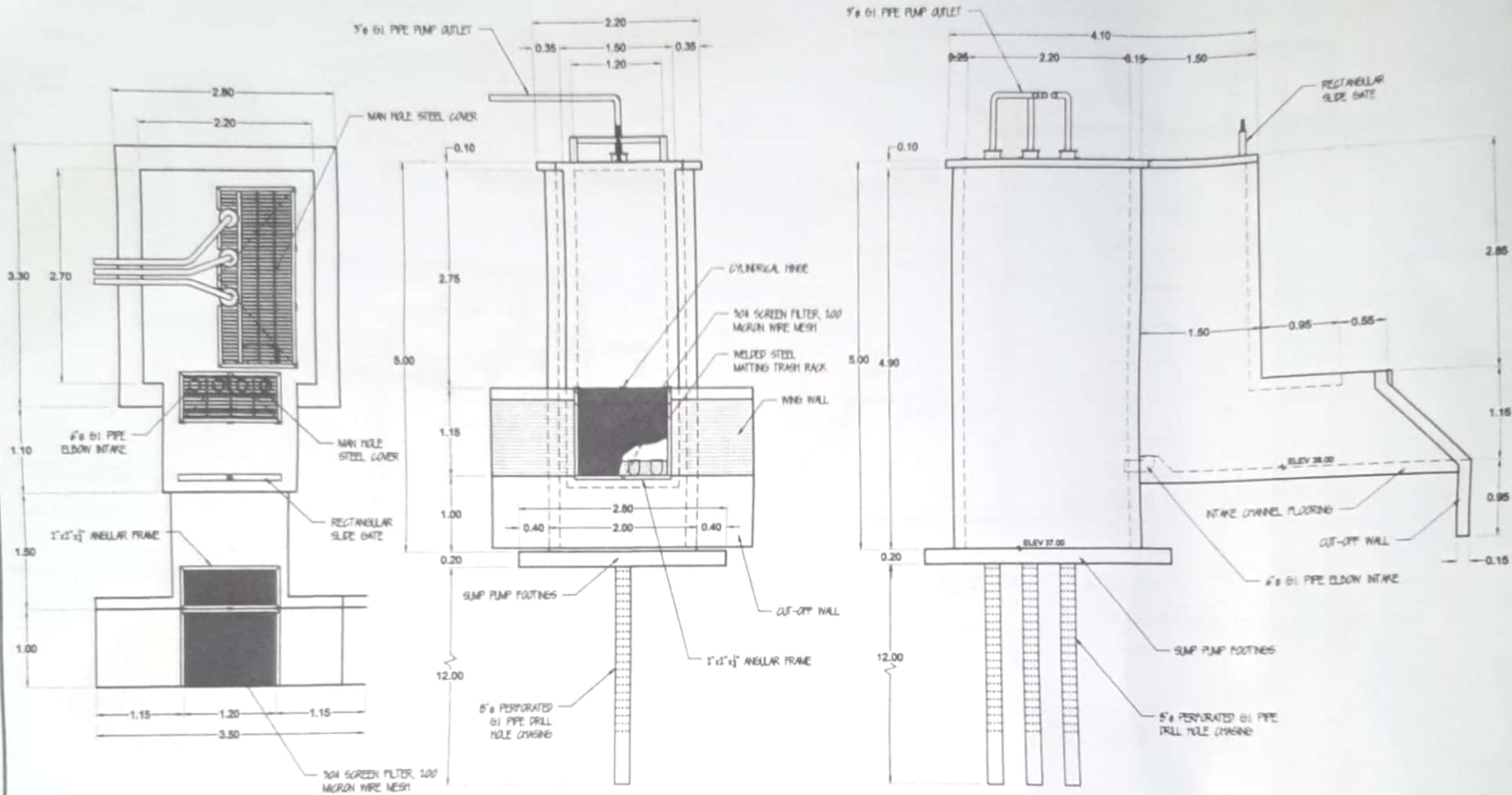
RAED-07055-009
Effectivity Date: February 02, 2022

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Name of Project Supply of Labor & Materials for the Construction of Kilomoon SPIS</p>	<p>Prepared by BELL JOSEPH B. BONITO Engineer I</p>	<p>Checked by ARTHUR M. MIRA Engineer II</p>	<p>Reviewed by JERRY A. EDON Engineer III</p>	<p>Submitted by GILBERT S. SALCEDO IC - Chief EABD</p>	<p>Recommending Approval LUZ B. MARCELINO RTU, for Operation and Extension</p>	<p>Approved by RODEL TORNELLA, MAE Regional Extension Coordinator</p>	<p>DATE 19-02-2022</p>	
	<p>Location Brgy. Kilomoon, Sagsay, Camarines Sur</p>	<p>Sheet Contents AS SHOWN</p>							



RAID-CROSS-009
Effectivity Date: February 02, 2022

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PULI, CAMARINES SUR</p>	<p>Name of Project: Supply of Labor & Materials for the Construction of Kilomoon SPIS</p>	<p>Prepared by: BELL JOSEPH D. BONITO Engineer I</p>	<p>Checked by: ARTHUR M. MIRA Engineer II</p>	<p>Reviewed by: JENNIFER A. LABORA SP-III</p>	<p>Submitted by: GILBERT S. SALCEDO Sr. Clerk RAIBD</p>	<p>Recommending Approval: LUZ R. MARCELDINO SES for Operations and Technical</p>	<p>Approved by: RODEL P. TORRES A. MAABE Supervisor/Engineer</p>	<p>DATE by: 19-08-2022</p>	
	<p>Location: Brgy. Kilomoon, Sagay, Camarines Sur</p>	<p>Street Content: AS SHOWN</p>							



TOP VIEW / PLAN
SCALE 1:50 MTS.

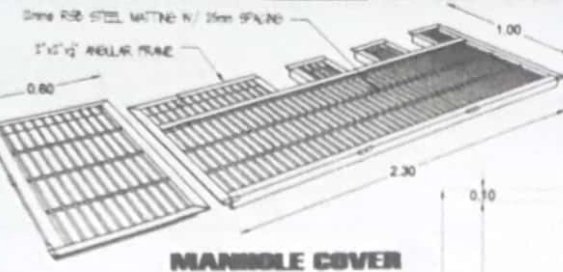
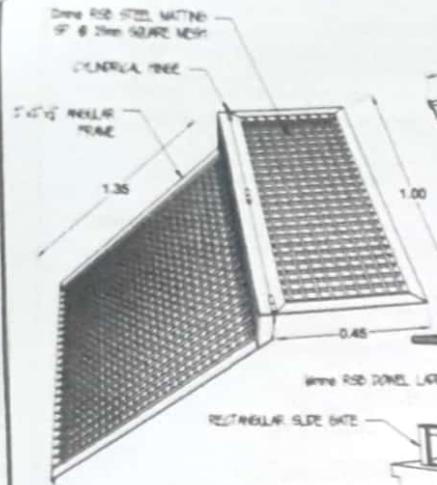
FRONT VIEW
SCALE 1:50 MTS.

SIDE VIEW
SCALE 1:50 MTS.

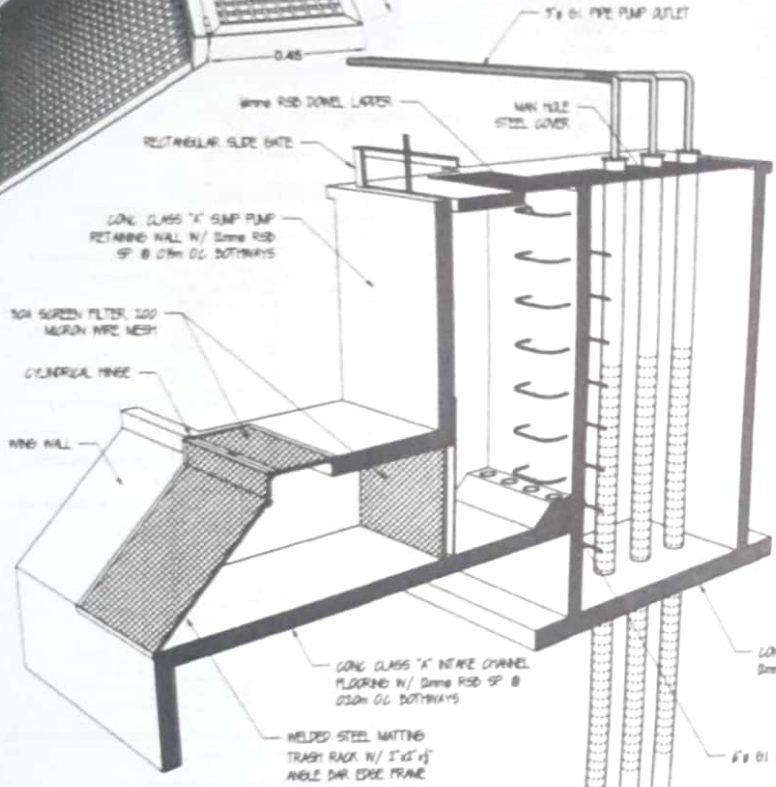
RACD-EPDSS-009
Effectivity Date: February 02, 2022

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Name of Project: Supply of Labor & Materials for the Construction of Kilomason SPIS</p>	<p>Prepared by: <i>[Signature]</i> BELL JOSEPH D. BONITO Engineer I</p>	<p>Checked by: <i>[Signature]</i> ARTHUR M. MIRA Engineer I</p>	<p>Reviewed by: <i>[Signature]</i> JERRY A. EBORAK Engineer II</p>	<p>Submitted by: <i>[Signature]</i> GEMBERT S. SALCEDO SC - Chief, E&SD</p>	<p>Recommending Approver: LUZ B. MARCELENO E&SD for Operations and Maintenance</p>	<p>Approved by: <i>[Signature]</i> RODEL P. DOMINILA MABE Regional Administrator</p>	<p>DATE: ____/____/____ TIME: ____:____:____ DRAWN BY: _____ CHECKED BY: _____ APPROVED BY: _____ SCALE: ____/____</p>
	<p>Location: Brgy. Kilomason, Sagsay, Camarines Sur</p>							
	<p>Sheet Contents: AS SHOWN</p>							

TRASH RACK

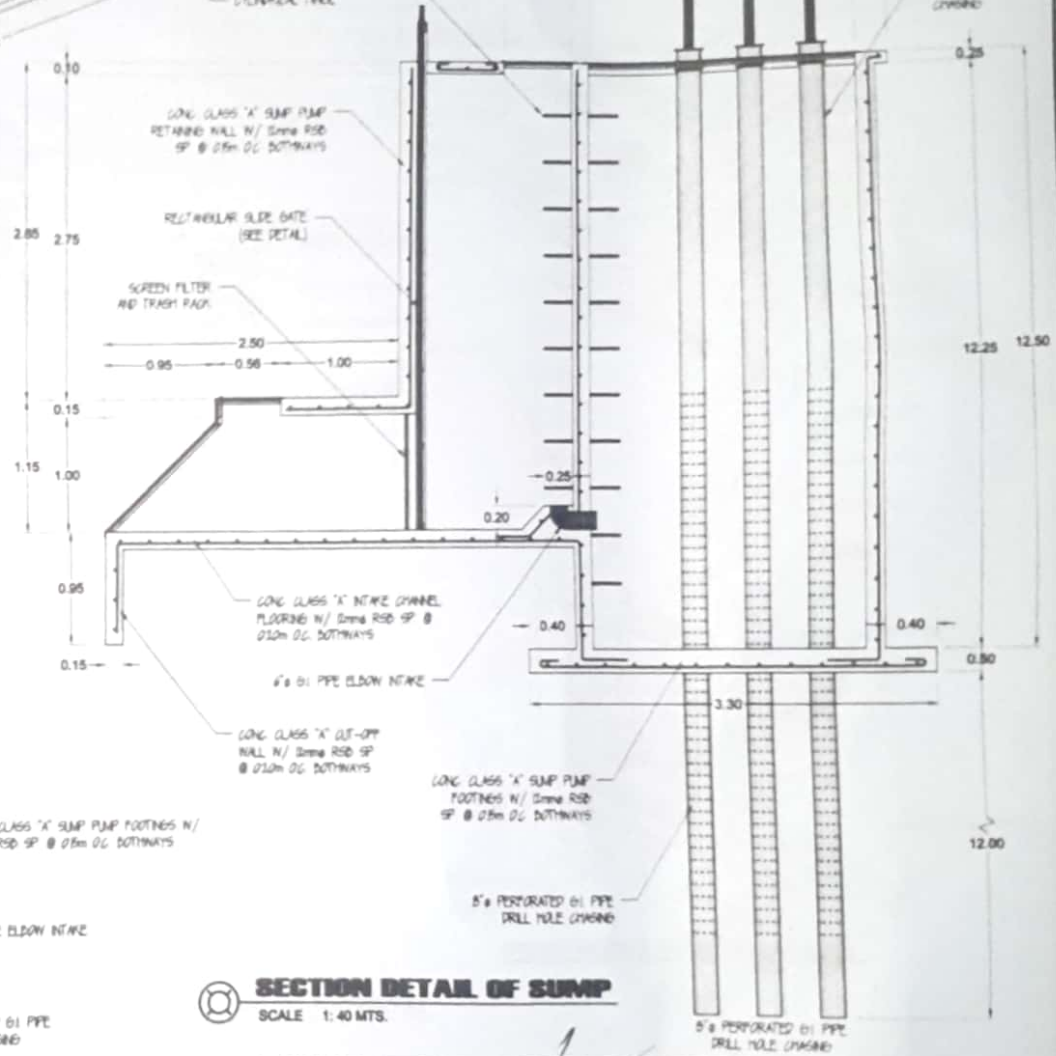


MANHOLE COVER



ISOMETRIC DETAIL OF SUMP

NOT TO SCALE



SECTION DETAIL OF SUMP

SCALE 1:40 MTS.

RAED-EP055-009
Effectivity Date: February 02, 2022

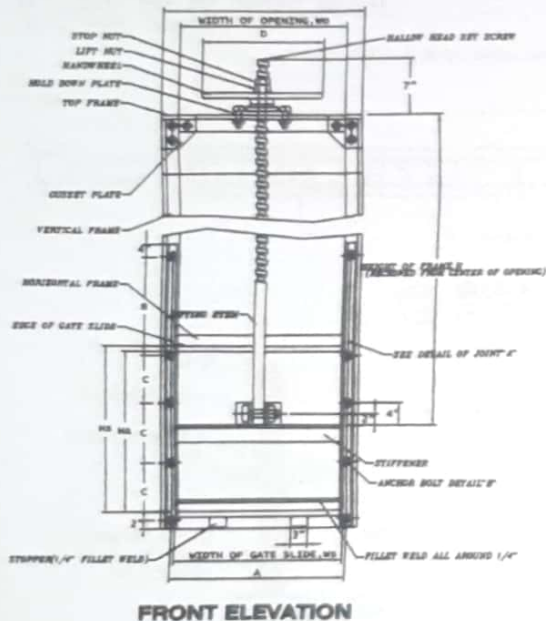
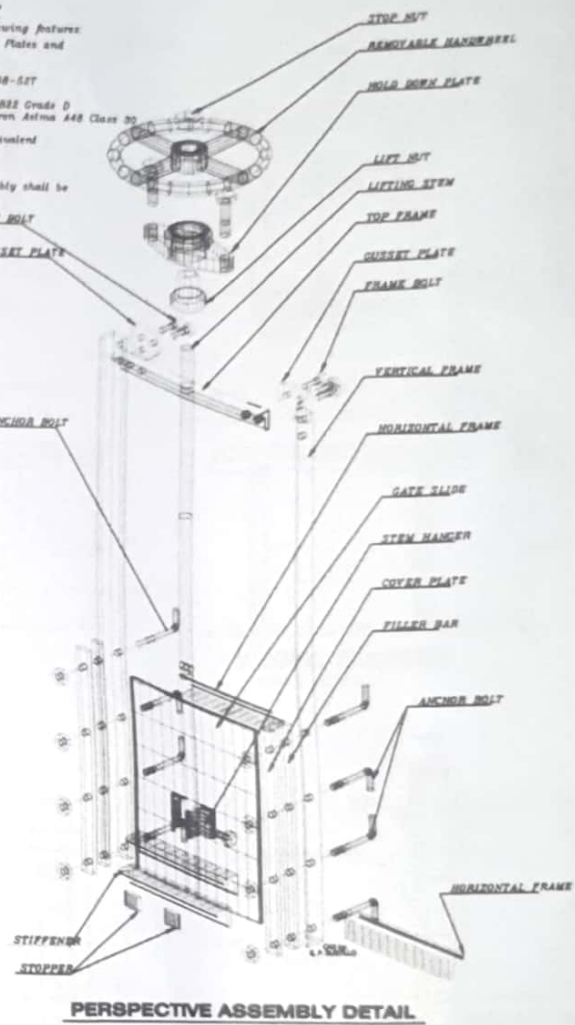
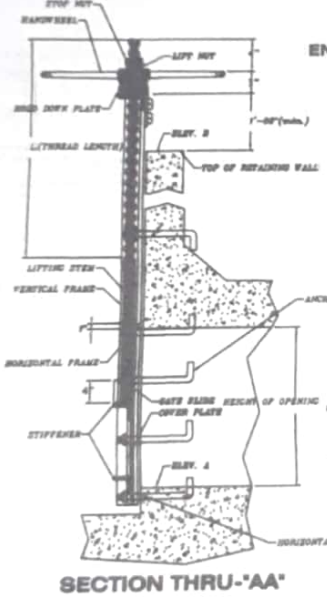
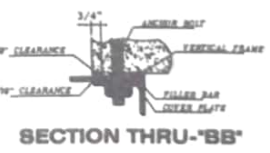
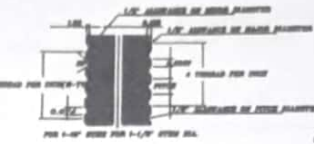
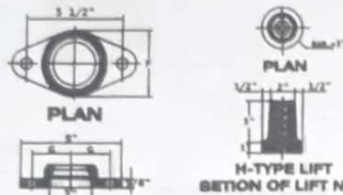
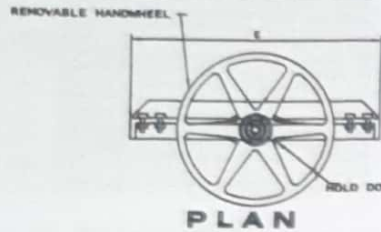
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, P.L. CANTABLANE SUR

Project Name	Supply of Labor & Materials for the Construction of Kilomoon SPIS
Location	Bygy, Kilomoon, Sagay, Camarines Sur
Drawn/Checked	AS SHOWN

Prepared by	Checked by	Reviewed by	Submitted by	Recommending Approval	Approved by	DATE
BELL JOSEPH B. MONITO	ANSELMO B. MIRA	TERESA A. ENORA	GERBERT S. SALCEDO	LUIZ R. MARCELIÑO	RODEL F. TORRES J. MARI	

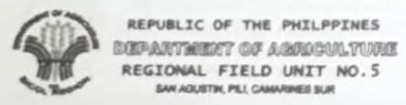
SCHEDULE OF DIMENSIONS

ITEM NO.	QUANTITY	SIZE OF OPENING				GROSS WEIGHT	NET WEIGHT	MATERIAL	SPECIFICATION	FINISH	ITEM NO.	QUANTITY	MATERIAL	SPECIFICATION	FINISH	ITEM NO.	QUANTITY	MATERIAL	SPECIFICATION	FINISH	
		W ₁	H ₁	W ₂	H ₂																
OFFARD	2	1000	1000	1000	1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100



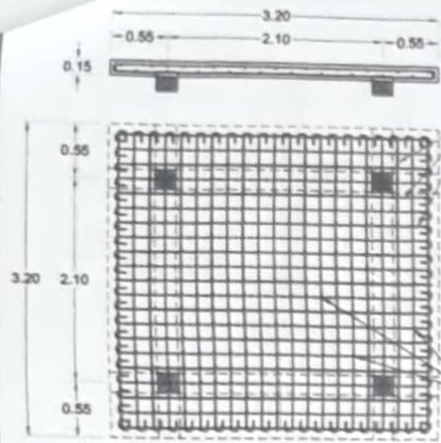
- GENERAL NOTES AND RECOMMENDATIONS:**
- The gate shall be provided to per dimensions and shape as shown in the plan. The materials to be used shall be of good quality and shall conform to the following features:
 - Gate Slide Filler Bars, Cover Plates, Gusset Plates and Stopper Steel Plates ASTM A36
 - Lifting Bars - Cold Rolled Steel ASTM A108-52T Grade 1045
 - Lift Nuts and Stop Nuts - Bronze ASTM B12 Grade D
 - Handwheel and Hold Down Plates - Cast Iron ASTM A48 Class 20
 - Filling-Up Bolts and Nuts - ASTM A233
 - Ball Thrust Bearing - SKF No. 016 or Equivalent
 - Coatings:
 - All Steel Parts - Hot Dipped Galvanized
 - All cast iron parts - Coal Tar Epoxy
 - All frictional surfaces of the Gate Assembly shall be machined accurately to minimize friction.

RAZD-CROSS-009
Effectivity Date: February 02, 2022

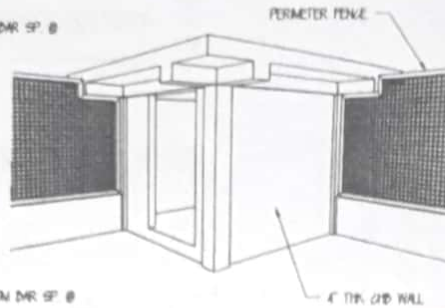


Name of Project:	Supply of Labor & Materials for the Construction of Klamson SPIS
Location:	Brgy. Klamason, Sagay, Camarines Sur
Drawn/Checked:	AS SHOWN

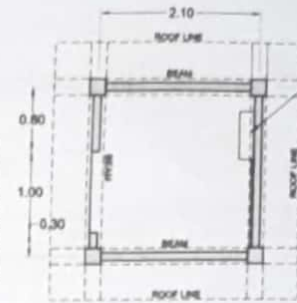
Prepared by:	Checked by:	Reviewed by:	Submitted by:	Recommending Approval:	Approved by:
BELL JOSEPH D. BONITO	ARTHUR B. MIRA	JERRY A. EBORA	GILBERT S. SALCEDO	LUZ B. MARCELINO	RODEL TORONZA, MARE
Engineer	Engineer II	Engineer	IC - Chief SAID	VR - for Operations and Maintenance	Engineer



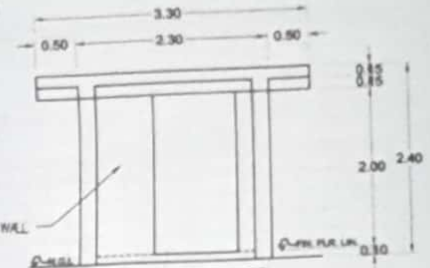
DETAIL OF ROOF SLAB
SCALE 1: 20 MTS.



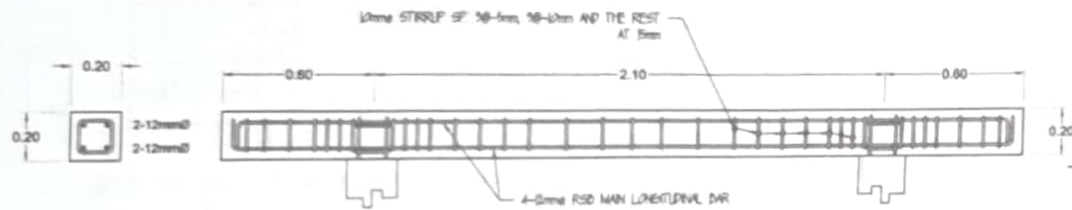
PERSPECTIVE



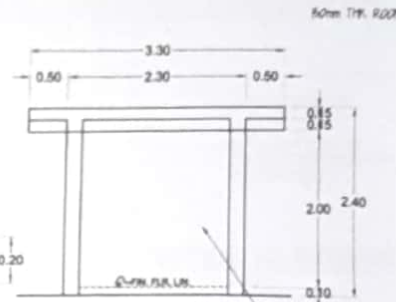
FLOOR PLAN
SCALE 1: 60 MTS.



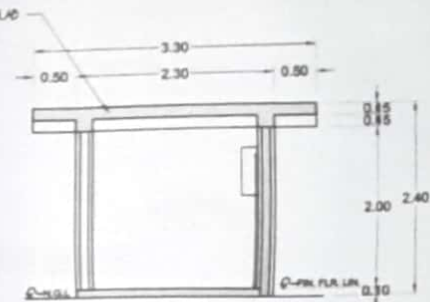
FRONT VIEW
SCALE 1: 60 MTS.



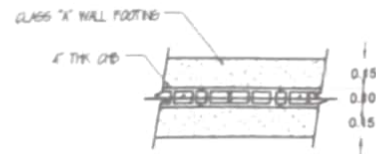
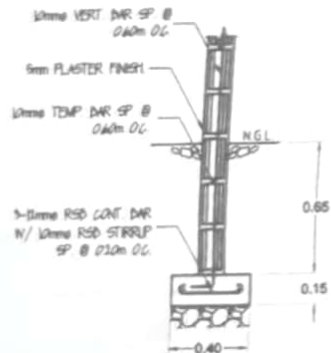
DETAIL OF BEAM
SCALE 1: 20 MTS.



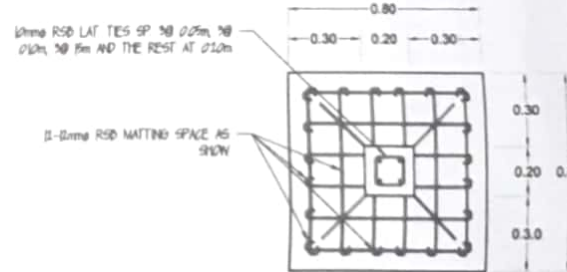
SIDE VIEW
SCALE 1: 60 MTS.



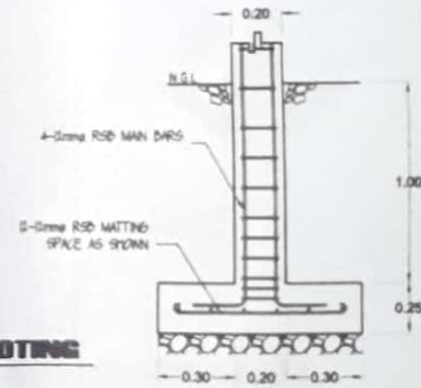
CROSS SECTION
SCALE 1: 60 MTS.



DETAIL OF WALL
SCALE 1: 25 MTS.



DETAIL OF COLUMN AND FOOTING
SCALE 1: 25 MTS.



RAD-EPDSS-008
Effectivity Date: February 02, 2022



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, PILL, CAMARINES SUR

Name of Project	Supply of Labor & Materials for the Construction of Kilomaa SPIS
Location	Brgy. Kilomaa, Segasa, Camarines Sur
Work Contents	AS SHOWN

Prepared by
BELL JOSEPH D. BONITO
Engineer I

Checked by
ARTHUR MIRA
Engineer II

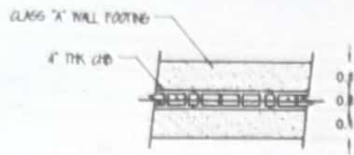
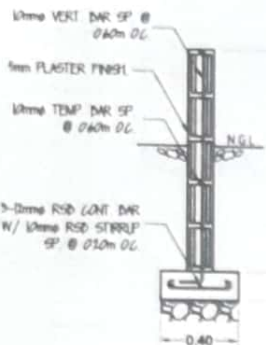
Reviewed by
JERRY A. EDOÑA
SPMS Head

Submitted by
GILBERT S. SALCEDO
BC - Chief, RABD

Recommending Approval
LUZ R. MARCELENO
SPMS for Operations and Maintenance

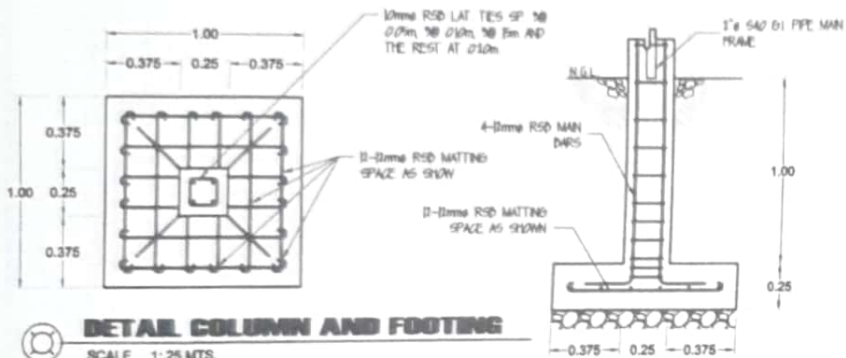
Approved by
RODEL P. FORNIA MAIRE
Regional Engineer

DATE	
TIME	
BY	



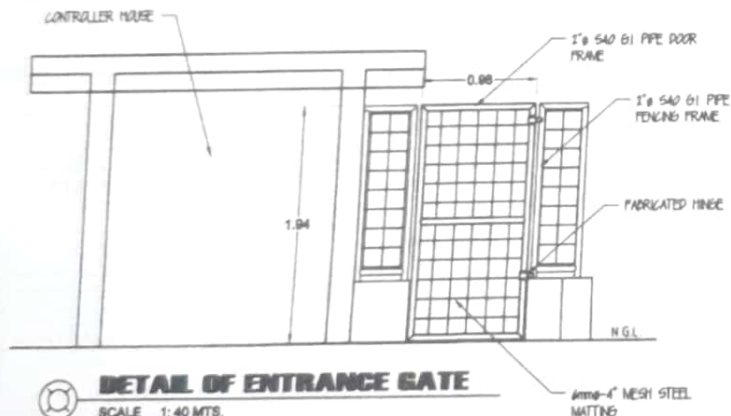
DETAIL OF FENCE WALL

SCALE 1:25 MTS.



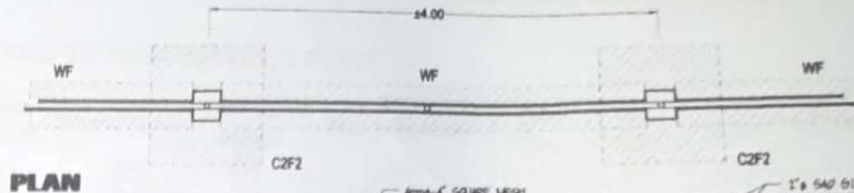
DETAIL COLUMN AND FOOTING

SCALE 1:25 MTS.

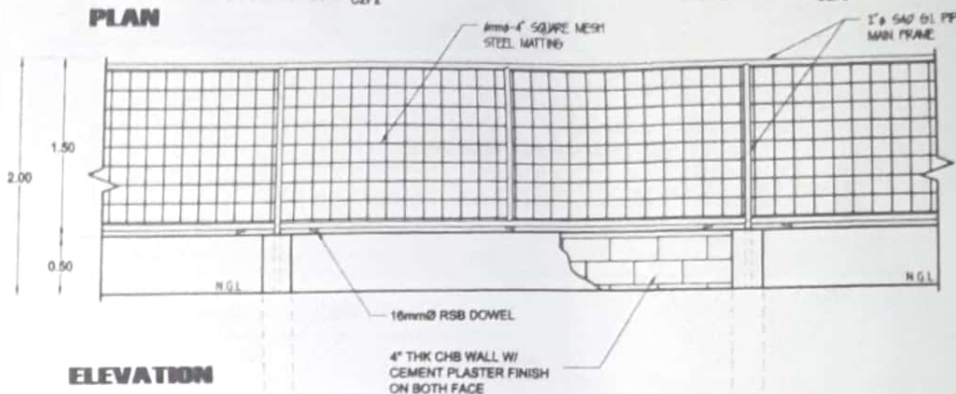


DETAIL OF ENTRANCE GATE

SCALE 1:40 MTS.



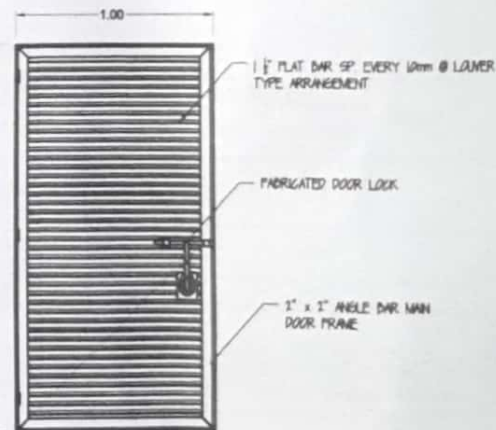
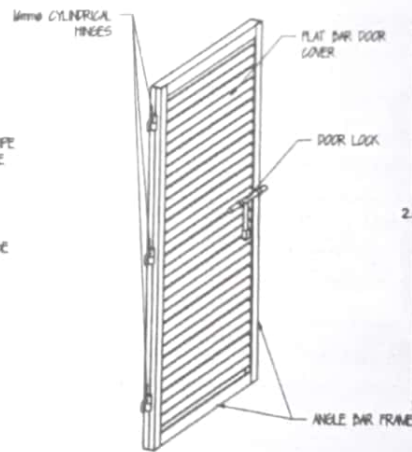
PLAN



ELEVATION

DETAIL OF PERIMETER FENCE

SCALE 1:40 MTS.



FABRICATED STEEL GATE

SCALE 1:25 MTS.

RAED-07055-009
Effectivity Date: February 02, 2022



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, PILI, CAMARINES SUR

Project Name	Supply of Labor & Materials for the Construction of Kilomaon SPIS
Location	Brgy. Kilomaon, Sagsay, Camarines Sur
Drawn/Checked	AS SHOWN

Prepared by:
[Signature]
BELL JOSEPH B. BONITO
Engineer

Checked by:
[Signature]
ARTHUR M. MIRA
Engineer II

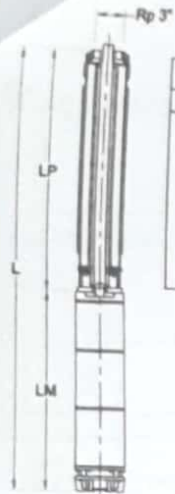
Reviewed by:
[Signature]
JERON A. EBORA
Engineer

Submitted by:
[Signature]
GONNET S. SALCEDO
S.C. - Chief, AASB

Recommending Approval:
LUZ B. MARCELO
SVE. for Operations and Extension

Approved by:
[Signature]
RODEL P. FORNELLAS
SVE. for Operations and Extension

DATE	10/10/2022
SCALE	AS SHOWN
PROJECT NO.	



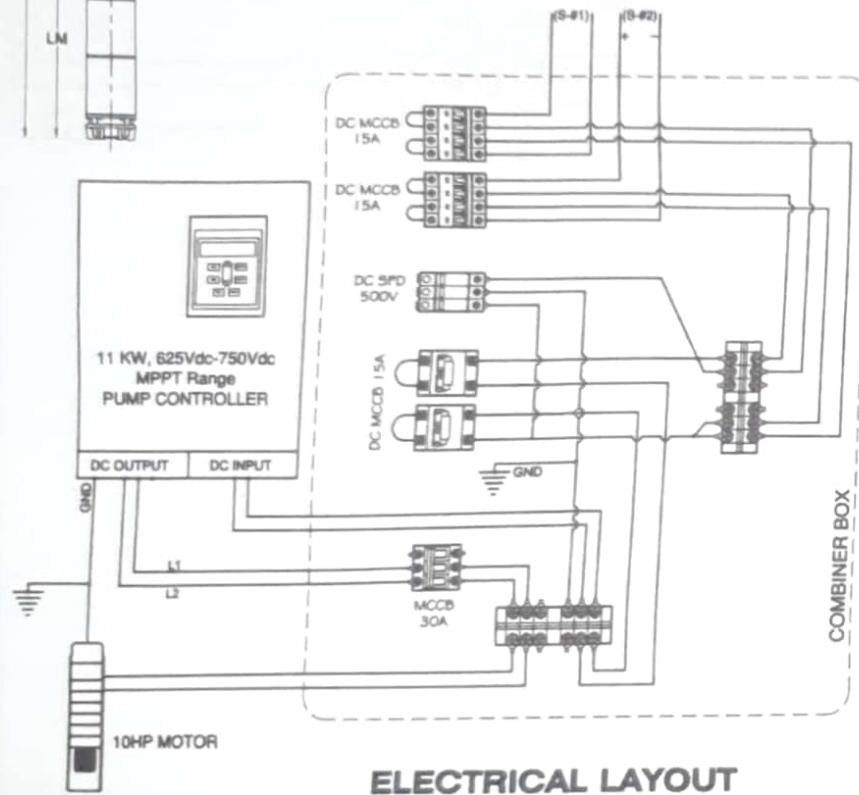
RATED POWER		Q = DISCHARGE DELIVERY					WEIGHT
KW	HP	l/min	500	600	800	1000	
7.5	10	m ³ /h	30	36	48	60	72
		TOTAL HEAD (meters)					
			85	76	65	52	30
DIMENSIONS (mm)						kg	
L	LM	LP	ø D				
1596	723	873	1 Cable	2 Cables	74		

DETAILS OF SUBMERSIBLE PUMP

Pump Voltage (V)	Pump Power (W)	Solar Array Voltage (V)	Solar Array Power (W)	Max. Flow (m ³ /h)	Max. Head (m)	Outlet (inch)	Diameter (mm)
380	7500W (10HP)	576	21.3*PUMP POWER	30	127	3	150

DESIGN PARAMETER

Computed Water Duty	55.0 cu.m./day/ha - 0.64 li/sec/ha
Target Corn Area	3.0 hectares
Pump Flow Requirement (5hrs Solar Pump Operation)	8.33 liters/sec - 30.0 cu.m./hr
Total Dynamic Head	82.0 meters
Total pipe length	300 meters
Total static head	70.0 meters
Friction loss	1.444 m/100 m pipe length
Motor Rating	7.50 KW (10.0HP, 380V, 17.0Amp)
Solar Pump Controller	11.0 KW, 625V-750V DC MPPT Range, 25Amp
No. of Solar PV Module	28pcs., 450Wp-(41.00 Vmp, 10.98 Imp)



ELECTRICAL LAYOUT

LOAD SCHEDULE & COMPUTATIONS

CKT. NO.	LOAD DESCRIPTION	VOLT	CURRENT	CIRCUIT BREAKER			CONDUCTOR		CONDUIT (mm)
				AT	POLE	NO. OF C	SIZE	INSULATOR	
1	OFF GRID SOURCE - 1 STRING - (41.0V, 10.98A)	574	10.98	15	1	2		THHW	
2	PUMP CONTROLLER DC Input: 625V-750V	574	10.98	30	2	2		THHW	
3	2.2KW MOTOR	380	17.0	30	2	3		THHW	

COMPUTATIONS :

$I_F = 10.98A \times 1 = 10.98 \text{ AMPS}$ FOR PV PROTECTOR
 $I_F = 10.98A \times 1.25(SF) = 13.725 \text{ AMPS}$ FOR SURGE PROTECTOR
 $I_F = 9.80A \times 250\% = 23 \text{ AMPS}$ FOR MOTOR SPD
 USE : 4mm² Cable Wire
 #12-4mm² AWG IN 20mm² PVC
 30AT, 2P, 380V, CKT BREAKER

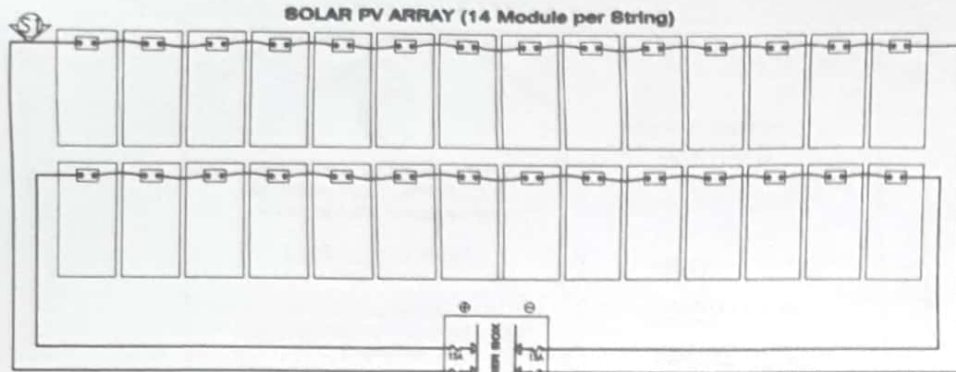
R4D-07005-009
Effectivity Date: February 02, 2022



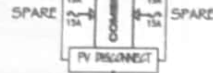
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD NO. 5
SAN AGUSTIN, P.L.I. CANTABLAN SUR

Items of Public
Supply of Labor & Materials for the Construction of Kilomason SPIS
Location: Brgy. Kilomason, Sagay, Catehrines Sur
Sheet Contents: AS SHOWN

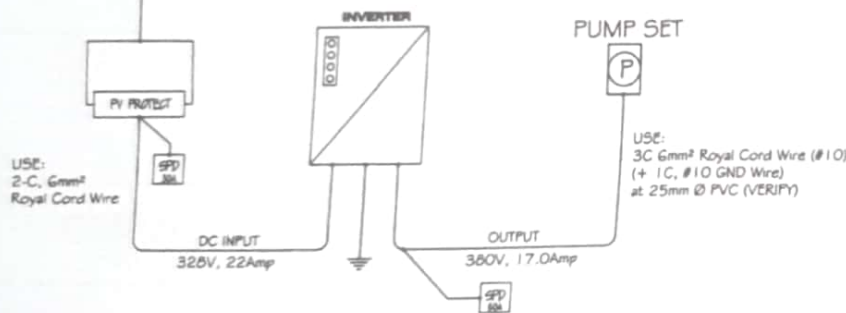
Prepared by	Checked by	Reviewed by	Submitted by	Recommending Approval	Approved by	DATE
BELL JOSEPH D. BONITO Engineer	ARTHUR R. MIRA Engineer II	JEROME A. EBOÑA Engineer	GILBERTO SALCEDO AC - Chk. E&ED	LUIZ B. MARCELO EVS - Sr. Operations and Estimation	KICHEL TORRESA, MAIRE EVS - Sr. Operations and Estimation	10-08-2022



USE:
2-C 3.5 mm² THHN (#12 AWG)
at 20mm Ø PVC



USE:
2-C, 6mm²
Royal Cord Wire



USE:
2-C, 6mm²
Royal Cord Wire

USE:
3C 6mm² Royal Cord Wire (#10)
(+ 1C, #10 GND Wire)
at 25mm Ø PVC (VERIFY)

SINGLE LINE DIAGRAM
NOT TO SCALE

GENERAL NOTE:

- (a) A solar photovoltaic system shall be permitted to supply a building or other structure in addition to any service(s) of another electricity supply system (s)
- (b) Photovoltaic source circuits and photovoltaic output circuits shall not be contained in the same raceway, cable tray, cable, outlet box, junction box, or similar fitting as feeders or branch circuits of other systems, unless the conductors of the different systems are separated by a partition or are connected together
- (c) The connections to a module or panel shall be arranged so that removal of a module or panel from a photovoltaic source circuit does not interrupt a grounded conductor to another photovoltaic source circuit. Sets of modules interconnected as systems rated at 50 volts or less, with or without blocking diodes, and having a single overcurrent device shall be considered as a single-source circuit
- (d) Inverters or motor generators shall be identified for use in solar photovoltaic systems
- (e) All photovoltaic source and output circuits shall be provided with a ground-fault protection device or system
- (f) All raceway and cable wiring methods included in this Code and other wiring systems and fittings specifically intended and identified for use on photovoltaic arrays shall be permitted. Where wiring devices with integral enclosures are used, sufficient length of cable shall be provided to facilitate replacement
- (g) Flexible cords and cables, where used to connect the moving parts of tracking PV modules, shall comply with Article 40 and shall be of a type identified as a hard service cord or portable power cable, shall be suitable for extra-hard usage, listed for outdoor use, water resistant, and sunlight resistant
- (h) Junction, pull, and outlet boxes located behind modules or panels shall be installed so that the wiring contained in them can be rendered accessible directly or by displacement of a module(s) or panel(s) secured by removable fasteners and connected by a flexible wiring system
- (i) If a single-phase, 2-wire inverter output is connected to the neutral and one ungrounded conductor (only) of a 3-wire system or of a 3-phase, 4-wire, wye-connected system, the maximum load connected between the neutral and any one ungrounded conductor plus the inverter output rating shall not exceed the capacity of the neutral conductor
- (j) All interactive system(s) points of interconnection with other sources shall be marked at an accessible location at the disconnecting means as a power source with the maximum ac output operating current and the operating ac voltage

LEGEND:

- ~ DC FUSE
- ☐ SURGE PROTECTIVE DEVICE
- ⊕ SOLAR PUMP INVERTER
- ⊙ PUMP SET
- ▭ SOLAR PV MODULE
- ⤴ NO. OF STRING
- ↔ BLOCKING DIODE

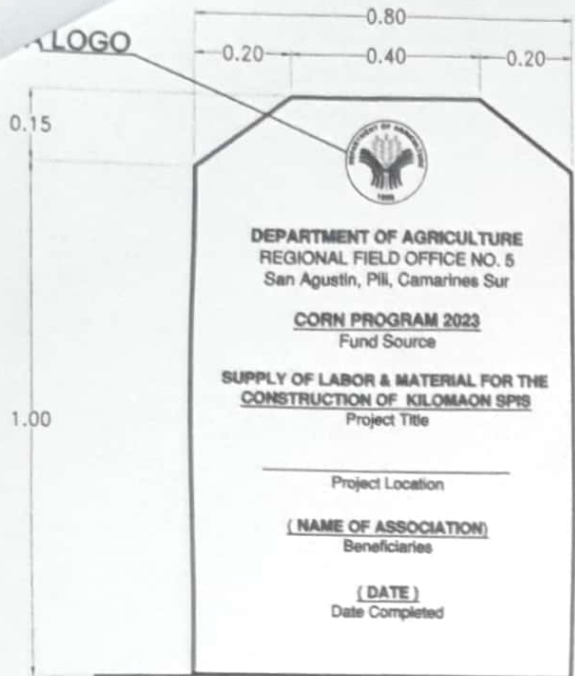
RACD-EPDSS-009
Effectivity Date: February 02, 2022



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SAN AGUSTIN, PILI, CAMARINES SUR

Item of Contract	Prepared by:	Checked by:	Reviewed by:	Submitted by:	Recommending Approval:	Approved by:	DOB by:
Supply of Labor & Materials for the Construction of Kilomason SPIS	BELL JOSEPH D. BONITO Engineer I	ARTHUR B. MIRA Engineer II	JERRY A. EBORA SPC-III	GILBERT S. SALCEDO SC - Chief, RAID	LUZ B. MARCELINO RPS for Operations and Extension	RODEL P. FERNANDEZ MAIR Supervisor	<input type="checkbox"/> July 2022 <input type="checkbox"/> August 2022 <input type="checkbox"/> September 2022 <input type="checkbox"/> October 2022 <input type="checkbox"/> November 2022 <input type="checkbox"/> December 2022
Drawn/Contents:	AS SHOWN						

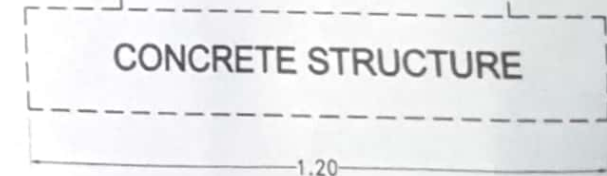
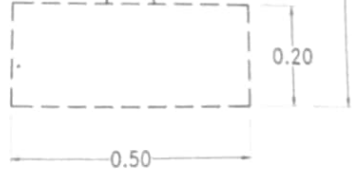
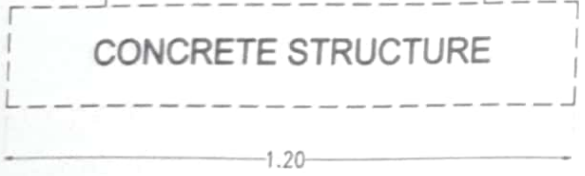
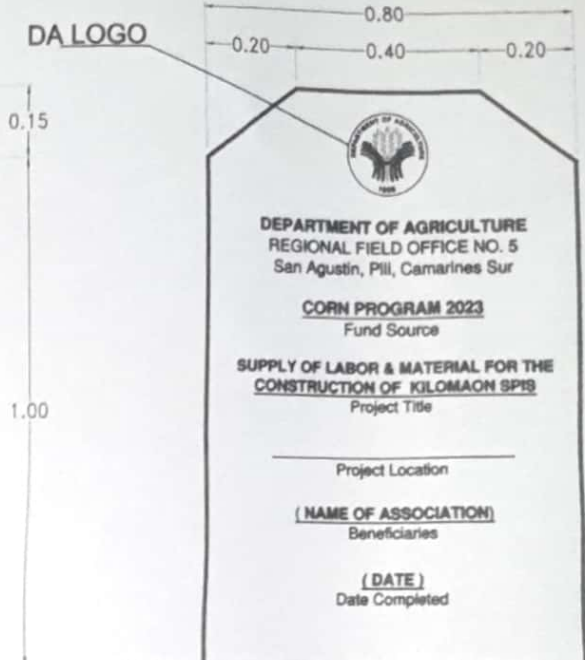
CONCRETE MARKER
SCALE: 1:10m.



REINFORCE CONCRETE CLASS 'A' PERMANENT PROJECT MARKER

NOTE:

- PROVIDE CEMENT PLASTER FINISH ON BOTH FACES.
- CONCRETE MARKER SHOULD BE FINISH COATED WITH WHITE ENAMEL PAINT.
- ALL PROJECT INFORMATION AS INDICATED SHOULD BE WRITE IN NEAT AND CLEAR MANNER.
- BE SPECIFIC WITH THE SPELLING OF THE INDICATED NAME OF PERSONS AND THEIR RESPECTIVE DESIGNATION.



RACD-CP055-009
Effectivity Date: February 02, 2022

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Name of Project</p> <p>Supply of Labor & Materials for the Construction of Kilomaon SPIS</p>	<p>Prepared by:</p> <p><i>gnt</i> BELL JOSEPH D. BONITO Engineer II</p>	<p>Checked by:</p> <p><i>Arthur B. Mira</i> ARTHUR B. MIRA Engineer II</p>	<p>Reviewed by:</p> <p><i>Jerry M. Eborá</i> JERRY M. EBORÁ Engineer III</p>	<p>Submitted by:</p> <p><i>Gilberto S. Salcedo</i> GILBERTO S. SALCEDO IC - Chief KAISD</p>	<p>Recommending Approval:</p> <p><i>Luz R. Marcelino</i> LUZ R. MARCELINO WFO for Operations and Extension</p>	<p>Approved by:</p> <p><i>RODEL P. FORNELLAS MAIR</i> RODEL P. FORNELLAS MAIR Regional Commissioner</p>	<p>DATE</p> <p>TIME</p> <p>PLACE</p> <p>INITIALS</p> <p>REMARKS</p>
	<p>Location</p> <p>Brgy. Kilomaon, Sagay, Camarines Sur</p>							
	<p>Other Contents</p> <p>AS SHOWN</p>							

Section VIII. Bill of Quantities



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
 Regional Field Unit No. 5
 San Agustin, Pili, Camarines Sur

SSIP 015

Project Title: SUPPLY OF LABOR AND MATERIALS FOR THE CONSTRUCTION OF KILOMAON SPIS
Project Location: Brgy. Kilomaon, Sangay, Camarines Sur
Appropriation: P7,920,000.00
Source of fund :
Subject: BILL OF QUANTITIES AND COST PROPOSAL

Classification: Irrigation Facility
Number of Unit: 1
Net Length:
Project Duration : 150 C.D.
Starting Date: upon receipt of NTP

Scope of Work:

- Delivery of Labor and Materials for the Construction of Solar Panel Framing Structure
- Installation of Solar Panel Array, Electrical Wiring, Controller Devices and Components
- Construction of Sump Pump, Controller House, Perimeter Fence and Stilling Pool
- Installation of Irrigation Distribution Pipe, Accessories and Component

MINIMUM EQUIPMENT REQUIREMENT

Description	No.	Description
Service Truck	1	3-5 m ³
Welding Machine	1	300 Amp, Gas Driven
Concrete Mixer	1	2 Bagger
Butt Welding Machine	1	5 KW
Drilling Rig Machine	1	8" Min. Borehole, Mechanical Operated
Cut Off Saw	1	12" Diameter Disc

MINIMUM EQUIPMENT REQUIREMENT

Description	No.	Description
Grinding Machine	1	12" Diameter Disc
Hand Tools	enough	

TECHNICAL PERSONNEL REQUIRED

Description	No.	Description
Foreman	1	
Asst. Foreman	1	

COST OF PROPOSED WORK

Item No.	Description	Unit	Quantity	Unit Cost	Total Amount (P)
PART I	OTHER GENERAL REQUIREMENTS				
I.1	Mobilization / Demobilization	L.S	1.00		
I.2	Construction of Camp and Temporary Facility	L.S	1.00		
I.3	Construction Safety and Health	L.S	1.00		
I.4	Project Sign Board and Permanent Marker	e.a.	1.00		
I.5	Diversion of Water and Care of Creek	L.S	1.00		
	Sub total				
PART II	SOLAR MOUNTING STRUCTURE, CONCRETE AND REINFORCEMENT				
Part A	Earth Works				
100	Clearing and Grubbing	sq.m.	400.00		
102	Common Soil Excavation	cu.m.	126.00		
100(2)	Structural BackFill/Backfilling	cu.m.	84.00		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	8.50		
Part B	Reinforce Concrete Works				
405(1)	Concrete Class "A" w/ Forms (Pedestal)	cu.m.	8.50		
405(2)	Concrete Class "A" w/out Forms (Pedestal Footing)	cu.m.	25.50		
404	Reinforcing Steel Bar	kgs.	2940.00		
Part C	Metal Works				
II.C.1	Vertical and Horizontal Solar Mounting Structure	e.a.	6.00		
	Sub total				
PART III	SUBMERSIBLE SOLAR PUMP				
SPL1	3" Diameter Outlet, 7.5KW (10HP), 60Hz, Submersible Deep Well Pump	unit	3.000		
	-Capacity of at least 30 cubic meter per hours with the following condition:				
	1. Application : Submersible Pump	8. Outlet, Pump Diameter : 3 Inches, 6 Inches			
	2. Maximum Head : > 150.0m TDH	9. Driver : Electric Power (Solar Energy)			
	3. Motor Voltage : 380 Volt DC	10. Structure : Multi-Stage Centrifugal Pump			
	4. Frequency / n : 60 Hz / 3450 rpm	11. Shaft : Duplex Stainless Steel			
	5. Phase : Three Phase	12. Motor : 7500W, DC Brushless			
	6. Materials : AISI 304 Stainless Steel	13. Certification : ISO9001 CE			
	7. Working Principle : Solar Pump	14. Temperature : 86°F, 30°C Motor Ambient			
	Sub total				
PART IV	SOLAR PV MODULES, FITTINGS AND ACCESSORIES				
SPL2	450Wp PV Solar Module, Poly-Crystalline	pcs.	84.00		
	1. Max Power: 450 Watt	4. Optimum Operating Voltage: 41V			
	2. Open Circuit Voltage: 49.60V	5. Optimum Operating Current: 10.98A			
	3. Short Circuit Current: 11.53A	6. Temperature: -40°C to +90°C			
	Sub total				
PART V	SOLAR PUMP CONTROLLER				
SPL3	11KW, 625V-750V DC Input Controller for 380V-17Amp Solar Pump	unit	3.00		
	1. Maximum Power Point Tracking (MPPT) Range : 480 Vdc - 700 Vdc	5. Output Voltage : 380V (AC/DC)			
	2. AC/DC Compatibility	6. Maximum Input Voltage : 800V DC			
	3. In Built Protection : Over Current Fault, Short Circuit Fault, Earth Fault, Reverse Polarity, Surge and Dry Run Protection	7. Working Temperature : 15°C - 60°C			
	4. Maximum Input Current : 25 Amp	8. Enclosure Class : IP 65			
SPL4	-Panel Board (300mm x 1000mm x 1200mm)	unit	1.00		
	Sub total				

RAED-EPDSS-011
 Effectivity Date: February 02, 2022

VI	PV DISCONNECT and PV PROTECT COMBINER BOX	e.a.	3.00		
SPL5	DC1000V 4 String Combiner Box 1. Max Output Voltage : 1000V DC 2. Input Strings : 4 3. Max current of Each String : 10A(20A Fuse) 4. Output Current Range : 0~240A, 400A MCCB 5. DC SPD : In>=12.5KA, I _{max} >=23KA, UN=1500V DC, Up<=5.0kV 6. Fuse Rated Current : 15/20, DC 1000V 7. Size of Input Cables : 4~6mm ² /31 8. Size of Output Cables : 2*70~180mm ² /31 9. Size of Ground Cables : 16~25mm ² /31 10. IP Grade : IP66				
				Sub total	
PART VII	CABLE WIRE and ACCESSORIES				
SPL6	System Wiring Installation -3.5mm ² THHN (#12 AWG) Wire -Royal Cord 3C #10 AWG + 1C #10 AWG -Royal Cord 2C, #10 AWG -20mm Diameter PVC Pipe Conduit	L.S.	1.00		
		mtrs	500		
		mtrs	120		
		mtrs	50		
		pcs.	55		
				Sub total	
PART VIII	STILLING POOL AND OUTLET WORKS				
Part A	Earth Works				
102	Common Soil Excavation	cu.m.	8.00		
100(2)	Structural BackFill/Backfilling	cu.m.	4.00		
Part B	Reinforce Concrete Works				
405(1)	Concrete Class "A" w/ Forms (Stilling Pool and Outlet Pipe Support)	cu.m.	7.00		
404	Reinforcing Steel Bar	kgs.	455.00		
Part C	Pipe Outlet Installation				
SPL7	6m X 3" Diameter S40 G.I. Pipe Pump Outlet	pcs.	144.00		
SPL8	6m X 6" Diameter SDR-17, HDPE Pipe, PE 100	pcs.	23.00		
SPL9	6" Diameter Control Steel Gate Valve	pcs.	1.00		
				Sub total	
PART IX	PUMP SUMP WORKS				
Part A	Earth Works				
102	Common Soil Excavation	cu.m.	80.00		
100(2)	Structural BackFill/Backfilling	cu.m.	35.00		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	1.50		
Part B	Reinforce Concrete Works				
405(1)	Concrete Class "A" w/ Forms	cu.m.	15.00		
405(2)	Concrete Class "A" w/out Forms	cu.m.	5.00		
404	Reinforcing Steel Bar	kgs.	1800.00		
Part C	Control Gate and Water Filter				
SPL10	Rectangular Slide Gate	L.S.	1.00		
SPL11	304-200 Micron Wire Mesh Screen Filter, Trash Rack and Manhole Cover	L.S.	1.00		
				Sub total	
PART X	CONTROLLER HOUSE				
Part A	Earth Works				
102	Common Soil Excavation	cu.m.	8.00		
100(2)	Structural BackFill/Backfilling	cu.m.	4.00		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	1.00		
Part B	Reinforce Concrete Works				
405(1)	Concrete Class "A" w/ Forms	cu.m.	3.00		
405(2)	Concrete Class "A" w/out Forms	cu.m.	2.00		
404	Reinforcing Steel Bar	kgs.	450.00		
Part C	Masonry Works				
704.3	CHB Controller House Wall (100mm non load bearing, incl. Reinforcing Steel Bar)	sq.m.	14.00		
700.1	Cement Masonry Plaster Finish	sq.m.	28.00		
Part D	Metal Works				
SPL12	Fabricated Steel Door	e.a.	2.00		
				Sub total	
PART XI	PERIMETER FENCE (77 LM)				
Part A	Earth Works				
102	Common Soil Excavation	cu.m.	50.00		
100(2)	Structural BackFill/Backfilling	cu.m.	34.10		
201	Aggregate Sub Base Course (Gravel Fill)	cu.m.	5.00		
Part B	Reinforce Concrete Works				
405(1)	Concrete Class "A" w/ Forms	cu.m.	2.00		
405(2)	Concrete Class "A" w/out Forms	cu.m.	10.00		
404	Reinforcing Steel Bar	kgs.	1100.00		
Part C	Masonry Works				
704.3	CHB Controller House Wall (100mm non load bearing, incl. Reinforcing Steel Bar)	sq.m.	85.00		
700.1	Cement Masonry Plaster Finish	sq.m.	77.00		
Part D	Metal Works				
SPL13	Steel Matting Fence w/ 2" Dia. S40-G.I. Framing	e.a.	19.00		
				Sub total	
PART XII	FINISHING/ PAINTING WORKS				
XII A	Painting on Concrete Works	sq.m.	110.00		
XII B	Painting on Metal Works	sq.m.	500.00		
				Sub total	
PART XIII	BOREHOLE/ WELL DEVELOPMENT				
SPL14	Bore Hole Drilling (8" Borehole at 12meter Minimum Deep)	e.a.	3.00		
SPL15	8" Diameter S40, G.I. Pipe Borehole Chasing Installation	pcs.	9.00		
				Sub total	
PROJECT COST PER UNIT					
SAY ~					7,920,000.00

Note: All taxes, contractor's profit and hauling cost are included in unit cost per item.

NAME AND SIGNATURE OF BIDDER

RAED-EPDSS-011
Effectivity Date: February 02, 2022

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);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (f) 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**
- (g) 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
- (h) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- (i) 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**
- (j) 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**
- (k) 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

- (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- (n) 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

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

Other documentary requirements under RA No. 9184

- (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (q) 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**
- (r) Cash Flow by Quarter.

Section X. Bidding Forms

BID FORM

Date : _____
Project Identification No. : _____

To: *[name and address of Procuring Entity]*

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: *[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 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 *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ 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 *[Name of the Procuring Entity]*.
- 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: _____

¹ currently based on GPPB Resolution No. 09-2020

Bid Securing Declaration Form
[shall be submitted with the Bid if bidder opts to provide this form of bid security]

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

BID SECURING DECLARATION
Project Identification No.: *[Insert number]*

To: *[Insert name and address of the Procuring Entity]*

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]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

GPPB Resolution No. 16-2020, dated 16 September 2020

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

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

1. *[Select one, delete the other:]*

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

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

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], 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 [Name of the Project] of the [Name of the Procuring Entity], 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 [Name of the Project] of the [Name of the Procuring Entity], 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. [Name of Bidder] 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. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[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 *[Name of Bidder]* 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 *[Name of Bidder]* 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. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* 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 *[Name of the Project]*.

9. *[Name of Bidder]* 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 _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

GPPB Resolution No. 16-2020, dated 16 September 2020

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

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

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]
To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacture/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant*

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

GPPB Resolution No. 16-2020, dated 16 September 2020

Republic of the Philippines



Government Procurement Policy Board