

Bidding Documents for the Procurement of Goods

Supply and Delivery of Various Electrical Equipment and Materials

(For the Installation of Transmission and Distribution Lines and Posts, Household Wiring and Powerhouse)

of Five (5) Micro Hydropower Systems

LOB No.: EAY-008-MHP-EW

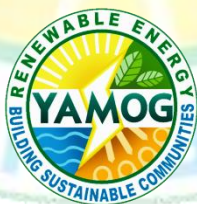
for the

Yamog-EU-ASEP Project

*"Improving the Lives of People in Off-Grid
Communities in Mindanao Through the
Provision of Sustainable Energy"*

Section I to Section IX

Purchaser:



Yamog Renewable Energy Development Group, Inc.

Issued on: June, 2021

TABLE OF CONTENTS

Glossary of Acronyms, Terms, and Abbreviations3

SECTION I. INVITATION TO BID..... 5

SECTION II. INSTRUCTIONS TO BIDDERS 9

SECTION III. BID DATA SHEET 20

SECTION IV. GENERAL CONDITIONS OF CONTRACT 32

SECTION V. SPECIAL CONDITIONS OF CONTRACT..... 46

SECTION VI.SCHEDULE OF REQUIREMENTS.....50

SECTION VII. SPECIFICATIONS..... 52

SECTION VIII. BILL OF QUANTITIES 57

SECTION IX. CHECKLIST OF ELIGIBILITY, TECHNICAL
AND FINANCIAL DOCUMENTS.....63

SECTION IX. BIDDING FORMS..... 68

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

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])

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.

MHP – Micro Hydropower

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid. **CPI** – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means “delivered duty paid.”

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

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

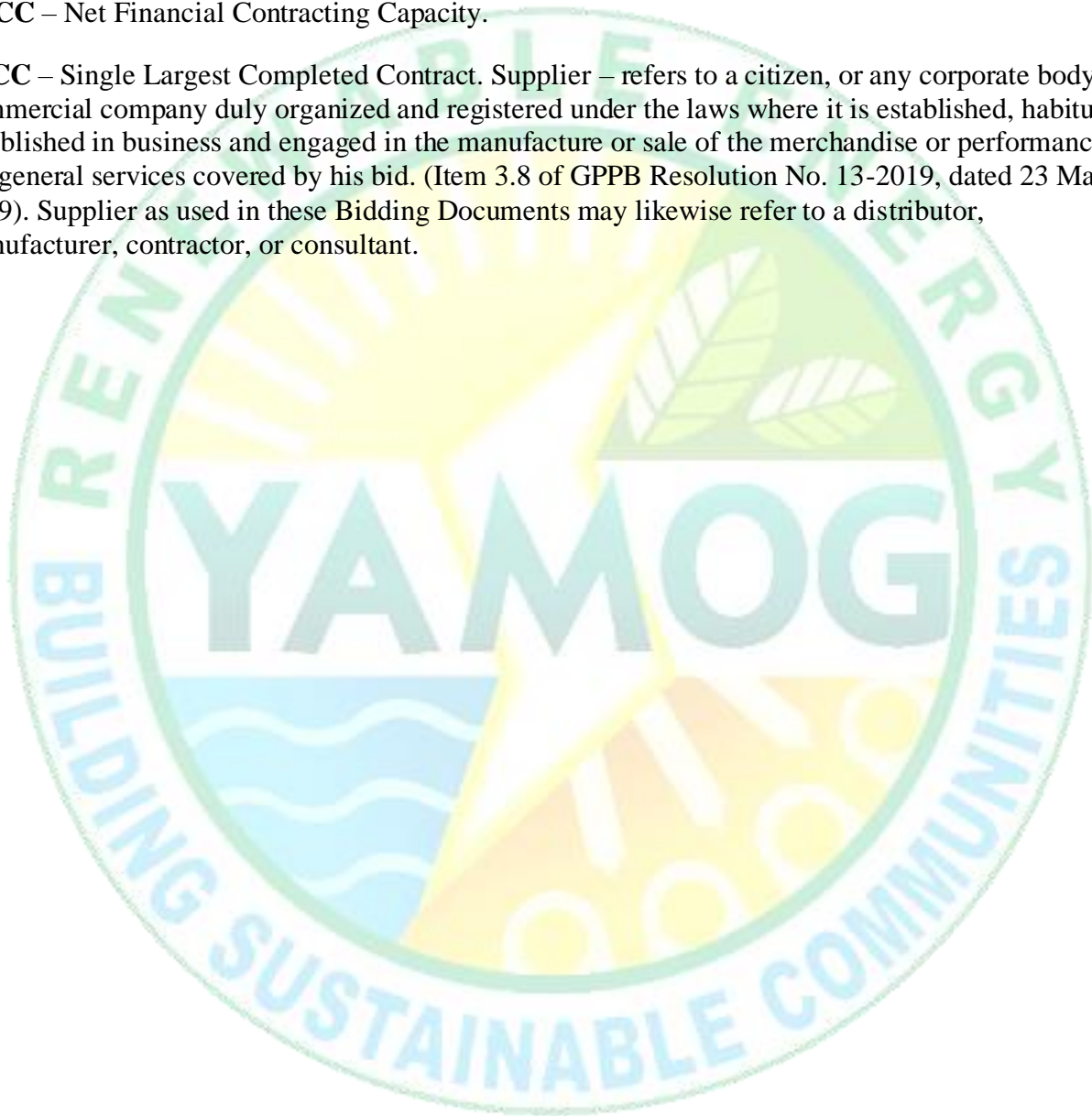
space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

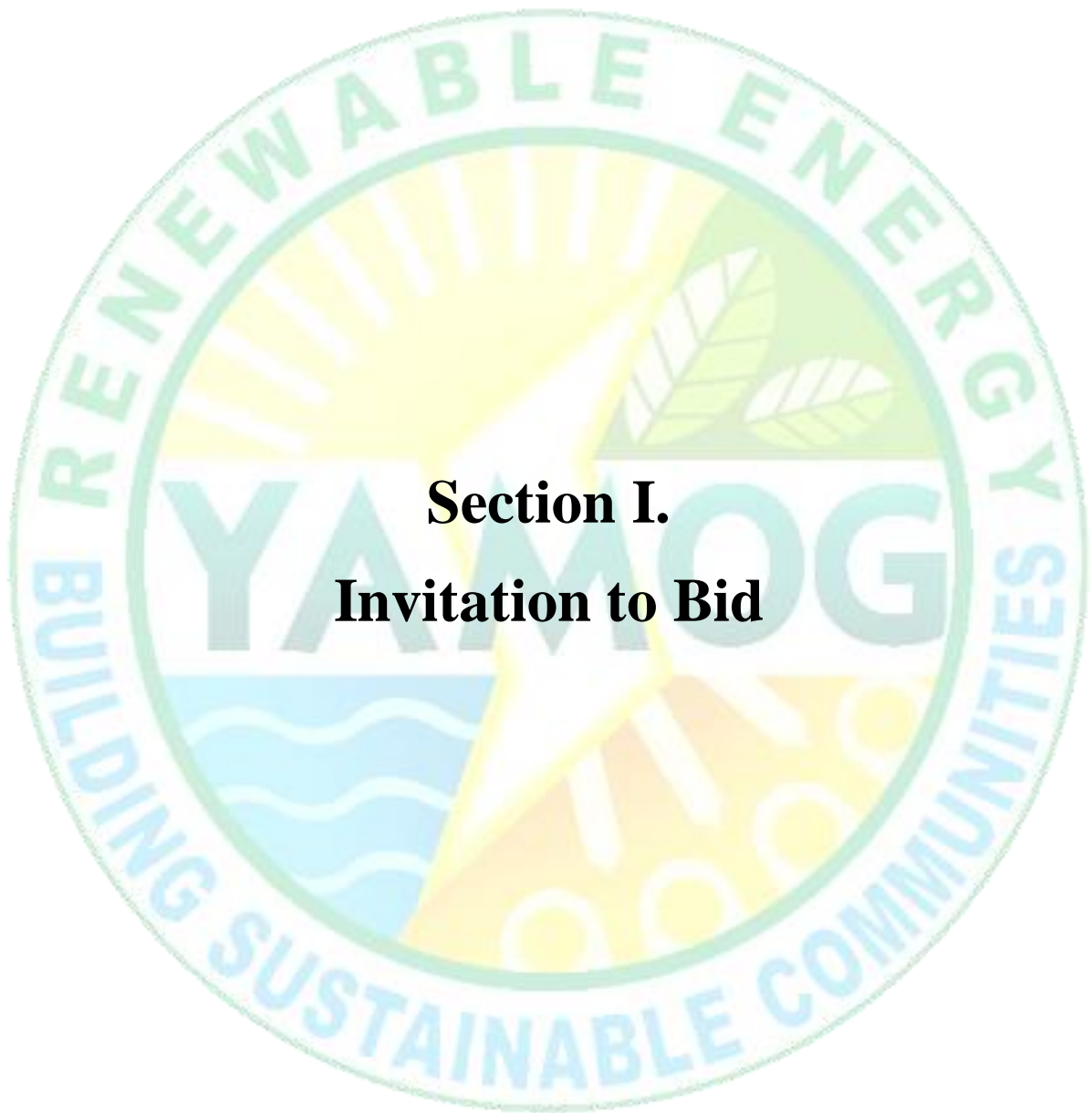
INCOTERMS – International Commercial Terms. Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, 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.

SLCC – Single Largest Completed Contract. Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.





Section I.

Invitation to Bid

EU-ACCESS TO SUSTAINABLE ENERGY PROGRAMME (ASEP)
Yamog Renewable Energy Development Group, Inc.

Invitation to Bid
for

**Supply and Delivery of Various Electrical Equipment and Materials (For the
Installation of Transmission and Distribution Lines and Posts, Household Wiring
and Powerhouse) of Five (5) Micro Hydropower Systems**

LOB No.: EAY-008-MHP-EW

Yamog Renewable Energy Development Group, Inc. now invites bids for the above-cited project in two (2) lots, viz:

Lot No.	Description	Project Location	Qty
01	Wires and Cables, Panelboards and Digital Electric Meters, Electrical Poles and Transformers Conduits, Fittings, Boxes, Lighting Fixtures and Miscellaneous Materials Note: Details per location shall be indicated in BDS	Gupitan, Kapalong, Davao del Norte	One (1) Lot
		West Lamidan, Don Marcelino, Davao Occidental	
		Lapuan, Don Marcelino, Davao Occ.	
02	Wires and Cables, Panelboards and Digital Electric Meters, Electrical Poles and Transformers Conduits, Fittings, Boxes, Lighting Fixtures and Miscellaneous Materials Note: Details per location shall be indicated in BDS	W	One(1) Lot
		Ramitan&Mapantao, Picong, Lanao del Sur	

1. Bidders may bid for only one lot. Bids received in excess of one lot shall be automatically rejected at bid opening, Yamog Inc. shall have the option which lot shall be accepted at bid opening.
2. Simultaneous completion of the Supply and Delivery of Goods within 45 days from receipt of Purchase Order (PO)/Contract and Notice to Proceed (NTP) as follows subject to changes, depending on the physical progress of the micro hydropower system whereby the goods shall be applied, viz

Lot No.	Detailed Description	Micro Hydropower System Location	Tentative Delivery Schedule
01	One (1) set of various electrical equipment and materials -wires & cables, panelboards and Digital Electric meters, Electrical Steel Poles and transformers,	Gupitan, Kapalong, Davao del Norte	Last Week of August 2021

	Conduits, Fittings, Boxes, Switches, Outlets, Lighting Fixtures and Miscellaneous Materials		
	Two (2) sets of various electrical equipment and materials -wires & cables, panelboards and Digital Electric meters, Electrical Steel Poles and transformers, Conduits, Fittings, Boxes, Switches, Outlets, Lighting Fixtures and Miscellaneous Materials	Lapuan, Don Marcelino & West Lamidan, Don Marcelino, Davao Occidental	1 st Week of September 2021
Lot 02	One (1) set of various electrical equipment and materials -wires & cables, panelboards and Digital Electric meters, Electrical Steel Poles and transformers, Conduits, Fittings, Boxes, Switches, Outlets, Lighting Fixtures and Miscellaneous Materials	Ramitan/ Mapantao, Picong, Lanao del Sur	2 nd Week of September 2021
	One (1) set of various electrical equipment and materials -wires & cables, panelboards and Digital Electric meters, Electrical Steel Poles and transformers, Conduits, Fittings, Boxes, Switches, Outlets, Lighting Fixtures and Miscellaneous Materials	Ganatan, Arakan, North Cotabato	1 st Week of October 2021

3. Bidding will be conducted through local open competitive bidding procedures using non-discretionary “pass/fail” criterion.

Bidding is restricted to Filipino citizens/sole proprietorships, cooperatives, and partnerships or organizations with at least seventy-five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

4. Bidders should have completed, within the last three (3) immediately preceding years from the date of submission and receipt of bids at least three (3) similar contracts and least one (1) had a value equivalent to at least 50% of the value of the tender offered. **A contract similar to the project refers to supply and delivery of various electrical materials.** The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders)

5. **The following are the schedules of bidding activities:**

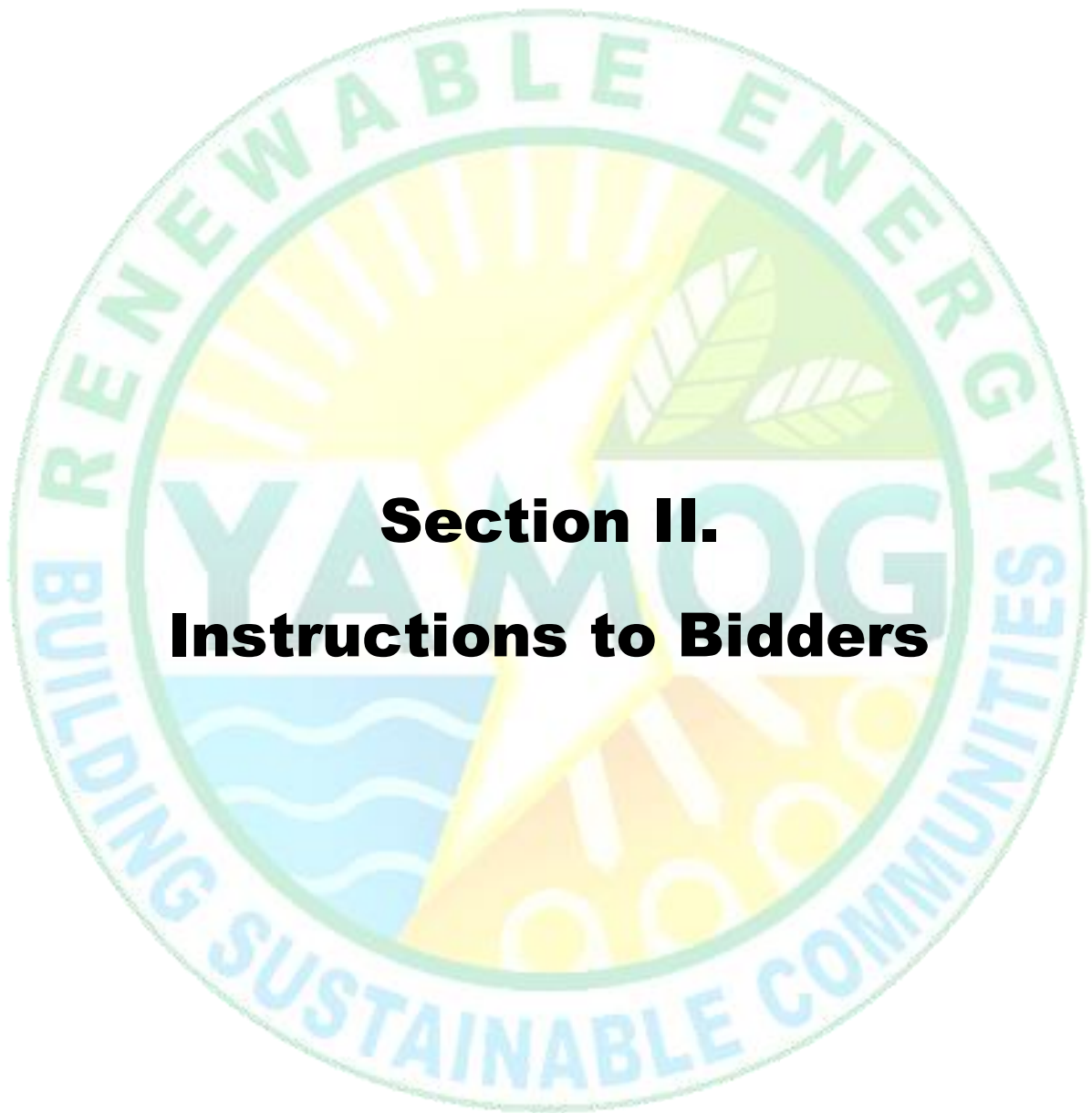
Particulars	Date	Venue
Request for Information, Issuance and Availability of Bidding Documents	Starting July 16, 2021 to July 23, 2021 from 9:00 AM to 2:30 PM (excluding weekends and holidays)	Room 4, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000 Note: <u>It may also be downloaded free of charge from the website of the yamog.org.ph.</u>
*Pre-Bid Conference	July 23, 2021 Friday) at 1:00 PM	Room 2, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000 through video conference via Zoom

Submission of Eligibility Documents, Technical and Financial Proposals	August 2 , 2021 (Monday) On or before 1:00 PM	Room 4, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000
Opening of Eligibility Documents, Technical and Financial Proposals	August 3, 2021 (Wednesday) at 1:00 PM	Room 2, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000 through Video Conference via Zoom

Note: The Pre-Bid Conference shall be open to all interested parties. In view of the ongoing COVID-19 pandemic situation, bidders may attend the Pre-bid Conference through video conferencing via Zoom. Bidders who wish to attend/participate must coordinate with the BAC Secretariat through email/fb at least one (1) day before the scheduled Pre-bid Conference and provide their contract information (e.g. name of representative, Certification of Authorized Representative, email address, etc). Bidders are advised to send the names of their authorized technical and/or administrative representatives who will prepare the bid documents to ensure completeness and compliance of bids. Bidders are prohibited from recording (audio, video or picture format) the proceeding of the Pre-Bid Conference.

6. All Bids must be duly received by the BAC Secretariat through (1) manual submission at the office address indicated above **OR** via (2) online or electronic submission to yamoginc@gmail.com **on or before deadline as specified on the above schedule. Late Bids shall not be accepted.**
7. For all Bidders who will opt for online submission or any other electronic means, the Bid must be digitally signed. **An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.**
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 8. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below or the zoom meeting.
9. **Yamog Renewable Energy Development Group, Inc.** 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, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

Bids and Awards Committee (BAC)
YAMOG Renewable Energy Development Group, Inc.
Rooms 3 &4, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy Matina Crossing
Poblacion District, Davao City 8000, Landline: 228-5685
Email address: yamoginc@gmail.com. Website: yamog.org.ph
Bid Reference No. EU-ASEP Yamog/008-MHP-EW
11. For downloading of Bidding Documents: <https://www.yamog.ph.org/bids-and-awards/>
For online bid submission, send to to yamoginc@gmail.com. Please refer to Bid Data Sheet (BDS) for the procedures of Online/Electronic Bid Submission.
GLENN PAUL R. YLAN, SGD
BAC-Chairperson



Section II.

Instructions to Bidders

A. INSTRUCTIONS TO BIDDERS

PUBLICATION REF.: EU-ASEP_Yamog /009-MHP-EMCFPT/SUP/PH

By submitting a Bid, bidders fully and unreservedly accept the special and general conditions governing the contract as the sole basis of this tendering procedure, whatever their own conditions of sale may be, which they hereby waive. Bidders are expected to examine carefully and comply with all instructions, forms, contract provisions and specifications contained in this tender dossier. Failure to submit a tender containing all the required information and documentation within the deadline specified will lead to the rejection of the bid/tender. No account can be taken of any remarks in the bid/ tender relating to the tender dossier; remarks may result in the immediate rejection of the tender without further evaluation.

These instructions set out the rules for the submission, selection and implementation of contracts financed under this call for bids/tenders, in conformity with the Yamog procurement procedures in conformity with the EU practical guide (available on the internet at: <http://ec.europa.eu/europeaid/prag/document.do>) and: <https://yamog.org.ph/bids-and-awards/>

1. Scope of Bid

- a. The Procuring Entity, as defined in the **Bid Data Sheet (BDS)**, wishes to receive Bids for the Supply and Delivery of Various Electrical Equipment and Materials (for the installation of Transmission and Distribution Lines and Posts, Household Wiring and Powerhouse) of Five (5) Micro Hydropower Systems indicated in the Invitation to Bid in accordance with the Conditions of Contract (CC). The successful supplier/contractor will be expected to complete the delivery by the Required Completion Date specified in the **BDS**.
- b. The name, identification, and number of lots specific to this bidding are provided in the **BDS**.

2. Eligible Bidders

- a. Only Bids found to be legally, technically and financially capable will be evaluated.
- b. The following supplier/contractors with legal personality and capacity to undertake the contract are allowed to participate in the bidding:
 - b.1 Should be in the business of supply and delivery of goods and registered for **at least three years** as shown by its business name registration with the Department of Trade and Industry (DTI) for sole proprietorship, Securities and Exchange Commission (SEC) for partnerships and corporations or registration with the Cooperatives Development Authority (CDA) for cooperatives;
 - b.2 Must have satisfactorily **completed a single relevant contract of at least 50% of the bid amount;**
 - b.3. With business permit and other relevant mandated licenses ascertaining the absorptive capacity to legally provide and deliver the goods within the required timeline;
 - b.4. With proof of ownership of delivery vehicle (e.g. trucks) readily available to facilitate transport of goods to the nearest accessible drop-off point to the project site.
 - b.5. Availability of warehouse/s or holding area demonstrating capacity to store the volume of electrical equipment and materials prior to transport and delivery of the designated destination sites.

- c. Purchaser's affiliate members who are directly involved in the procurement and have direct access to information that may substantially affect the result of the bidding are disqualified from participating as "supplier/contractors" for any procurement relative to the project. It will include their relatives up to the 1st degree of consanguinity or affinity. It will include but not be limited to the members of the TWG for the procurement and project proposal preparation, (Service Provider/s or Technical Person/s who prepared the POW), the members of the BAC and employees/staff of YAMOG RENEWABLE ENERGY DEVELOPMENT GROUP, INC.
- d. Each bidder shall submit only one Bid/Proposal. All Bids submitted in violation of this rule shall be rejected. In addition, bidders shall be subjected to eligibility verification procedures to ensure that they are not blacklisted by any Procuring Entity (Government and Private). Supplier/Contractors blacklisted by the Purchaser and the PCAB are not allowed to participate.

3. Contents of Bidding Documents for Distribution to Interested Bidders

The set of bidding documents comprises the documents listed below:

- Section 1: Invitation to Bid (ITB)
- Section 2: Instructions to Bidders (IB)
- Section 3: Bid Data Sheet (BDS)
- Section 4: General Conditions of Contract (GCC)
- Section 5: Special Conditions of Contract (SCC)
- Section 6: Schedule of Requirements
- Section 7: Technical Specifications
- Section 8: Bill of Quantities
- Section 9: Checklist of Eligibility, Technical and Financial Documents
- Section 10: Standard Bidding Forms for Goods

4. Corrupt, Fraudulent, Collusive and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, 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 or other integrity violations in competing for the Project.

5. Pre-Bid Conference

The Bids and Awards Committee (BAC) will call for a pre-bid conference **at least seven (7) days before the deadline for the submission of bid** to discuss the different aspects of the procurement at hand, details of the contract and to clarify issues that bidders may raise. Attendance to the pre-bid conference is not compulsory and should not be a ground for the disqualification of a bidder. The schedule is specified in the **BDS**. This shall be through videoconferencing via zoom in view of the COVID-19 pandemic situation. The interested bidder shall coordinate with the Procuring entity's BAC and provide the necessary information to enable them to participate in the zoom meeting.

After conduct of this activity, the BAC will only entertain requests for clarification(s) on any part of the bidding documents or for an interpretation by prospective bidders if done thru the following:

- i. In writing.
- ii. Submitted to the BAC at least two (2) calendar days after the pre-bid conference.

6. Documents Comprising the Bid

The Bid to be submitted by the bidder shall comprise the following documents (as applicable):

A. ELIGIBILITY DOCUMENTS**Legal:**

- a. Department of Trade and Industry (DTI) Certification of Business Name registration in the case of *Single Proprietorships*; or Security and Exchange Commission (SEC) registration certificate, in the case of *Partnerships or Corporations*; or CDA Registration, in the case of *cooperatives*;
- b. Valid and current Business/Mayor's permit/municipal license from the bidders' principal place of business.

Technical:

- c. Company/business profile with at least 3 years relevant experience/track record evidencing the capability to provide and efficiently facilitate delivery of subject goods being procured.
- d. Statement of all on-going government and private contracts, including contracts awarded but not yet started.

NOTE: For bidders who have no ongoing contracts, kindly indicate in their statement "NONE" to comply with the requirement. Bidders will be rated "failed" if no document is submitted or if the document submitted is incomplete.

- e. Statement of all completed government and private contracts for the past three (3) years experiencesimilar to the Contract to be bid. This list must include a satisfactorily completed single contract whose value is at least fifty percent (50%) of the bid amount.

NOTE: listed completed contracts must be supported by the following:

- 1) Notice of Award (NOA) OR Notice to Proceed (NTP) OR Contract
- 2) **Any one** of the following documents:
 - 2.a) Copy of Certificate of Completion or Certificate of Acceptance issued by the bidder's client.
 - 2.b) Copy of Official Receipt/s or Sales Invoice/s issued by the Bidder to the Client which must sum up to the full amount of total contract price of completed projects.
- f. Statement Certifying the Account Officer who will be the focal person for any concerns and information regarding the Bid and the legal and authorized representative of the Bidder.
- g. Statement Certifying the availability of transport/delivery vehicles (e.g.trucks).
- h. Statement Certifying the availability of storage facilities/warehouse/s/ holding space for the goods prior to delivery.

Financial

- i. The prospective bidder's audited financial statements, stamped "received" by the BIR or its duly accredited and authorized institutions, for the immediately three (3) preceding calendar years, showing, among others, the prospective bidder's total and current assets and liabilities;
- j. The prospective bidder's computation of its Net Financial Contracting Capacity (NFCC)

B. TECHNICAL DOCUMENTS

- a. The Original Bid Security issued in favor of Yamog Renewable Energy Development Group, Inc. (must be valid for at least 120 calendar days from the date of bid opening) **Any one** of the following is acceptable:
 - 1) Cash, Manager's Check, Cashier's Check issued by a reputable bank (2% of the bid offer amount)
 - 2) Bank Guarantee confirmed by a reputable bank and deemed accepted once officially authenticated with concerned bank.

(2% of the bid offer amount)

Reputable Bank – refers to a bank that is recognized and a member of the Philippine Deposit Insurance Corporation (PDIC)

- b. Authority of the signatory (Board Resolution if the bidder is a corporation or a cooperative, a Partnership Resolution if the bidder is a Partnership);
- c. Delivery schedule;
- d. List of supplier/contractor's equipment units pledged for the contract to be bidden, which are owned (supported by proof/s of ownership), leased, and/or under purchase agreements (with corresponding engine numbers, chassis numbers and/or serial numbers for the vehicle AND location , physical features for the warehouse/s) supported by certification of availability of equipment/vehicle/warehouse/s from the equipment lessor/vendor for the duration of the contract;
- e. Statement Identifying and authorizing the Officer-in-Charge/Account Officer assigned to the Project.
- f. Accomplished Omnibus Sworn Statement duly signed by the Bidder's authorized representative and duly notarized.
- g. *General Declaration of Compliance* that all components do comply and that any non- compliant components will be replaced at no-cost to project, and a *Declaration of Compliance* for each component is also required from the Supplier, supported by:
 - the necessary documentation to show that components provided comply with the standards and warranties set out in the Technical Specifications.
 - For compliance with warranties: Manufacturer's Warranty Certificates are required, supported by Certificates of Manufacturer's Authorization signed by the manufacturer.
 - Statement of Compliance with standards and specifications: refer to specific documentation required.
 - Product brochures and product documentation: bidders should provide the specific documentation required under the individual component specifications, illustrating their compliance with the specifications.
 - Bidders should also provide their own technical specifications sheets (and brochures) on each product. This information should be in English.

C. FINANCIAL DOCUMENTS

- a. Form of Bid
- b. Financial Proposal Sheet (*Bill of Quantities/Bid Proposal*)

7. Bid Price

The bidder shall complete the appropriate price schedule in the financial proposal sheet for all items of goods/materials described in the specifications listed in the Bill of Quantities. The Contract shall be for entire supply and delivery of goods as described in the Invitation to Bid and shall be based on the unit and total price of delivery schedule indicated in the Bill of Quantities. **Bids not providing or addressing all of the required items shall be considered non-responsive and, thus, automatically disqualified. Where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) for the said item would mean that it is being offered free to the Purchaser.** All fees and taxes payable by the bidder under the Contract shall be included in the rates, prices, and total price bid submitted.

Prices quoted by the bidder shall be fixed for the duration of the contract and not subject to variation or price escalation on any account. In cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the government, promulgated after the

date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis. The manner of quoting for the bid price is specified in the **BDS**.

8. Bid Security

- a) The bidder shall furnish a bid security with every bid. It must be operative on the date of bid opening. **Failure to enclose** the required bid security in the form and amount prescribed by the Purchaser shall **automatically disqualify the bid** concerned.
- b) The bid security shall be in any of the following forms, with the corresponding required amount:

FORM OF BID SECURITY	MINIMUM AMOUNT
a. Cash, cashier’s check, manager’s check, or	2% of Bid
b. Bank guarantee confirmed by a reputable bank and deemed accepted once officially authenticated with concerned bank; <i>Reputable Bank – refers to a bank that is recognized and a member of the Philippine Deposit Insurance Corporation (PDIC).</i>	2 % of Bid

- e. All checks and bank guarantees shall be issued in favor of the Purchaser. For cash Bid Security deposited in the Purchaser’s Account, the corresponding deposit slips shall be submitted as part of the bid requirements. **Personal checks and Surety Bonds are not acceptable as bid security.** Bank guarantee as bid security shall be submitted as part of the bidding documents.
- f. Bid Securities received by the BAC in the form of cash, manager’s check or cashier’s check must be deposited in the Purchaser Account or submitted (only the deposit slip if cash) together with bid documents. In the case of online submission, a scanned copy of the deposit slip, MC, CC shall be included in the bid documents, however the original check and deposit slip shall be received by the BAC secretariat on the BID submission deadline. If deposit has been made, it shall be duly confirmed with the Procuring Entity’s bank if such has been credited on the deadline.
- g. The bid and bid security shall be valid until one hundred twenty (120) calendar days from the date of the opening of bids. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive. The BAC may extend the period of validity of the bids and the bid securities by **requesting the same in writing from all those who submitted bids before the expiry date of the same.** Bidders, however, shall have the right to refuse to grant such extension without forfeiting their bid securities. The bidders who refuse to grant the BAC’s request for an extension of the period of validity of their bid and bid security will have the same returned to them. However, they deemed to have waived their right to participate in the succeeding bidding for this contract.

9. Bid Validity

The bid validity period is specified in the **BDS**. The BAC may extend the period of validity of the bids and the bid securities by requesting the same in writing from all those who submitted bids before the expiry date of the same.

Bidders shall have the right to refuse the grant of such extension without forfeiting their bid securities. The bidders who refuse to grant the BAC’s request for an extension of the period of validity of their bid and bid security will have the same returned to them. However, they deemed to have waived their right to further participate in the bidding.

No bid securities shall be returned to bidders after the opening of bids and before contract signing, except under any of the following circumstances:

- i. When the bidders failed to comply with any of the requirements to be submitted in the bid proposal (Disqualified Bidders), or
- ii. When the bidders were post-disqualified.

Bid securities shall be returned only after the bidder with the LBQRB has signed the contract and furnished the performance security, but in no case later than the expiration of the bid security validity period.

A bidder's bid security shall be forfeited when:

- i. The bidder withdraws its submitted bid prior to the deadline without any valid reason;
- ii. The bidder withdraws its bid beyond the deadline;
- iii. The bidder does not accept correction of arithmetical errors;
- iv. The bidder being considered for award does not accept the award or does not sign the contract within the period prescribed in the bidding documents;

10. Preparation and Submission of Bids

- a) The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraphs 6,7,11 of the IB.
- b) The Bidders shall indicate in a cover letter/email the intent to bid under either Lot 01 or Lot 02 . This shall also be indicated on the envelope containing the Bid Offer.
- c) For manual submission the bidder shall prepare hardcopies of **one (1) original and two (2) copies** of the documents comprising the Bid and **shall sign all the pages of the original and duplicate copies**. The bidder shall **initial all the pages of the Bid where entries, amendments or corrections** have been made. The Eligibility, Technical and Financial proposals/documents must be properly marked and must be placed in a **single sealed envelope** addressed to the **YAMOG Renewable Energy Development Group, Inc.** and shall be submitted at the specified address on or before the deadline stated in the Invitation to Bid. Details on the packing, marking and sealing of the 3 components of the Bid, namely, Eligibility, Technical and Financial shall be further explained in the IB.
- d) Online submission shall be sent to the following electronic addresses:

- yamoginc@gmail.com

And copy furnished the following: (**IMPORTANT!**)

- delegation-philippines-cfs@eeas.europa.eu (Eligibility & Technical Offer only)

The date and time of online submission shall determine the compliance to deadline of the tenders.

The **Eligibility, technical and financial proposals/documents** must be placed together in a digital file (preferably in a zip file) containing two separate file folders, one for the **Eligibility documents and Technical Offer**, the **other one for Financial offer**. The contents of the file folders shall comply with Section IX Checklist of Eligibility Requirements, Technical Documents and Financial Documents.

However, the hard copies of originally signed documents shall still be sent through courier on or before the 29th of July 2021 to the Procuring Entity's postal address. The scanned airway bill that such were already sent should be submitted together with the online submission of Bid.

Further to the submission of hardcopies, all tenders must be submitted in one original, marked 'original', and two (2) copies signed in the same way as the original and marked 'copy_1 and copy_2'. The tenderers are suggested to adopt double side printing, degradable material for folders, presentation and binding etc.,

- e) On the upper left-hand corner of the envelope, the bidder shall indicate his/her name and full address.

REGISTERED BUSINESS NAME

Address of the Bidder

YAMOG Renewable Energy Development Group, Inc.

Rooms 3 &4, Tulip Homes and Mercantile (THM),
Tulip Drive, Brgy. Matina Crossing, Poblacion District,
Davao City 8000

**Local Open Bidding for Supply and Delivery of Various Electrical Equipment and Supplies
(for the installation of Transmission and Distribution Lines and Posts, Household Wiring
and Powerhouse) of Five (5) Micro Hydropower Systems**
Contract Package No. EAY-008-MHP-EW– FOR LOT ____

Note: the copies shall be marked "original" or "Copy_1 or Copy_2".

DETAILS on the packaging and marking of the bid documents are indicated in the
REMINDERS in Section IX.

- f) If the envelope is not sealed and marked as above, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.
- g) The **BAC shall receive the sealed bids** on or before the prescribed date. The sealed bids and logbook will be placed in a bid box at Purchaser office inside a secure filing cabinet.
- h) Any Eligibility, Technical or Financial bid envelopes submitted after the deadline for submission and receipt of bids prescribed in the ITB shall be declared "Late" and shall not be accepted by the Bids and Awards Committee (BAC) and shall be returned to the Bidder unopened.

11. Modification and Withdrawal of Bids

- a) A bidder may modify its bid if this is done before the deadline for the submission and receipt of bids. However, bidders are not allowed to retrieve the submitted original bid.
- b) This bid must be properly identified, and marked as "**Bid MODIFICATION**". The submitted "Bid Modification" shall replace the affected supporting document/s of the Original Bid. The BAC should stamp the sealed envelope with "**RECEIVED**".
- c) Bid modifications **received after the applicable deadline will not be considered** and shall be returned to the bidder unopened.
- d) Any discount offered by the bidder shall be incorporated in the unit prices in the financial proposal.
- e) A bidder may withdraw its bid by submitting a letter that clearly states its reason/s for doing so before the deadline of submission of bids. However, if there is no valid reason found, **its Bid Security will be forfeited in favor of the Purchaser and shall not be permitted to submit another bid for the same contract.**

- f) A bidder may also express its intention **not** to participate in the bidding through a letter that should reach and stamped “RECEIVED” by the BAC before the deadline for the receipt of bids.

12. Opening of Bids

With restriction of face to face contact due to the COVID-19 pandemic, the BAC will open the Bids in the presence of the bidders’ representatives who will attend via Zoom videoconference, at the time and date specified in the ITB.

The BAC shall read in public the contents of the **Eligibility documents**, and shall examine each prospective bidder’s eligibility requirements or statements. It shall determine the presence or absence of the required **eligibility requirements against checklist using non-discretionary “pass/fail” criteria**. The BAC shall declare prospective bidders as either “eligible” or “ineligible”, based on its findings and inform them accordingly.

The BAC **may** return the Eligibility, Technical and Financial Bid envelope of an “ineligible” bidder after the issuance of clearance to award from the **Purchaser (YAMOG Renewable Energy Development Group, Inc.)**

The BAC shall proceed with the opening of the **Technical proposal** of the eligible bidders, to determine each bidder’s compliance with the documents that are required to be submitted for the technical component of the bid. The BAC shall check the submitted **technical documents of each bidder against a checklist** of required technical documents to ascertain if they are all present, using non-discretionary “pass/fail” criteria.

If a bidder submits the required document and meets the eligibility criteria, it shall be rated “passed” for that particular requirement. Otherwise, it shall be rated as “failed”. In case one of the above-required documents in the Technical Proposal is **missing, incomplete or patently insufficient, the bid shall be declared as “failed” and immediately returned to the bidder concerned, together with the “un-opened” Financial Proposal**. The schedule for opening of bids is specified in the BDS.

It is emphasized that only bids that passed the requirements under Eligibility and Technical proposals shall be qualified to proceed to the opening of the Financial Proposal.

13. Evaluation and Comparison of Bids

Immediately after determining compliance with the Eligibility requirements and Technical Component documents, the BAC shall proceed to open the Financial Proposal of each remaining technically complying bidder whose submitted technical requirements were rated “passed” on the same day. The BAC shall determine whether **one or more of the requirements of the Financial Proposal are missing**, incomplete or patently insufficient. If the Financial Bid is complete, the BAC shall rate it “passed” and shall proceed with the evaluation of the Bid. Only bids that are determined to contain all the bid requirements for both Eligibility Requirements and Technical and Financial components shall be rated “passed” and shall be considered for evaluation and comparison.

After the preliminary examination of bids, the BAC shall immediately conduct a **detailed evaluation of all bids rated “passed,” which shall include a consideration of the following:**

- i. The bid must be complete;
- ii. The bid must be balanced;
- iii. Minor arithmetical corrections to consider computational errors and omissions shall be made to enable proper comparison of all eligible bids;
- iv. All bids shall be evaluated on equal footing.

- v. Bid prices in words, unit prices, and unit cost in the bill of quantities shall prevail in case of discrepancy. However, in case of discrepancy between the bid price and the evaluated bid, the latter will prevail.

Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, and other modifications, to identify the Lowest and Best Quality Bidder (LBQB).

14. Evaluation process is Confidential

Information related to the examination, evaluation, comparison and clarification of quotations and recommendation for contract award **shall not be disclosed to the public** until Notice of Award (NOA) has been issued and accepted by the successful bidder. Any effort from a supplier/contractor to influence decision of the BAC will result in the rejection of his/her quotation.

15. Post-qualification/Factory Acceptance Test

The BAC with the assistance of the TWG verifies and validates the LBQB compliance with the legal, financial and technical requirements of the bid. The legal review verifies that all required licenses and other documents submitted are in order. The technical requirements are verified to prove compliance of the goods offered with the requirements of the contract and bidding documents. The financial requirements are validated to ensure that the bidder can sustain the operating cash flow of the transaction.

If the LBQB passes the post-qualification, the BAC declares it as the Lowest and Best Quality Responsive Bid (LBQRB) and issues a Notice of Award (NOA).

If the bidder with the LBQB fails to pass post qualification, the BAC shall immediately notify the said bidder in writing of its post-disqualification and the grounds for it.

Immediately after the BAC has notified the first bidder of its post-disqualification, the BAC shall initiate and complete the same post-qualification process on the bidder with the second LBQB. If the second bidder passes the post-qualification, and if the request for reconsideration of the first bidder has been denied, the BAC shall declare the second bidder as the bidder with the LBQRB. The **Purchaser** shall then award the contract to it. If the second bidder, however, fails the post-qualification, the procedure for post-qualification shall be repeated for the bidder with the next LBQB, and soon until the LBQRB, is determined for award.

If no bidder passes post-qualification/factory acceptance test, the BAC shall issue a Resolution declaring a failure of bidding.

16. Notification of Award and Signing of Contract

The **Purchaser** shall notify the LBQRB of the award in writing prior to the expiration of the validity period of the Bid. The Notice of Award (NOA) and the Contract shall state the amount that the **Purchaser** will pay the winning bidder in consideration of the construction and execution of the works prescribed under the Contract. The BAC shall schedule the signing of the contract with the winning bidder who will then post the required performance security.

17. Performance Security

The performance security shall be posted in favor of the **Purchaser**, and will be forfeited in its favor in the event that the winning bidder fails to perform any of its obligations under the contract. The winning bidder should furnish the Purchaser with the performance security in accordance with the

Conditions of the Contract, within a **maximum period of seven (7) calendar days** from the signing of the contract. It must be at least co-terminus with the period of completion of the contract.

The performance security shall be in any of the following forms, with the corresponding required amount:

FORM OF PERFORMANCE SECURITY	MINIMUM AMOUNT
a. Cash, cashier’s check, manager’s check, or	5% of Contract Price
b. Bank guarantee confirmed by a reputable bank and deemed accepted once officially authenticated with concerned bank; <i>Reputable Bank – refers to a bank that is recognized and a member of the Philippine Deposit Insurance Corporation (PDIC).</i>	10% of Contract Price

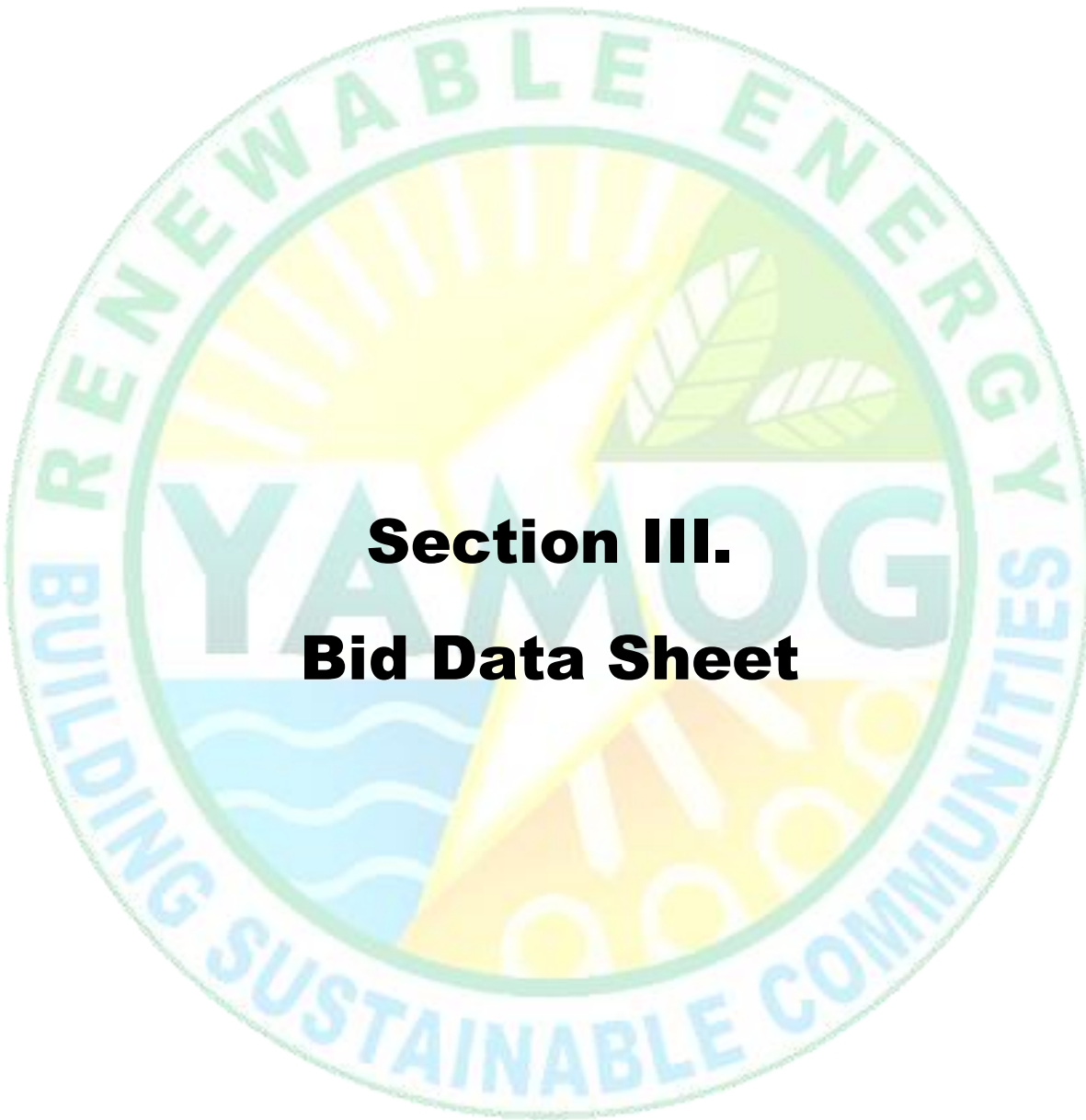
All checks and bank guarantees for performance security shall be issued in favor of the **Purchaser**. Cash and checks shall be deposited in the **Purchaser** Account. The winning bidder must choose which among the preferred forms it shall submit.

There shall be a corresponding change for Performance Security posted by the winning bidder in the following instances: (a) issuance of a Variation/Change Order; (b) partial completion of delivery.

The **Purchaser** may release the performance security to the winning bidder after the issuance of the Certificate of Completion and Acceptance of the delivery of goods, if there are no claims for materials filed against the supplier/contractor.

18. Notice to Proceed

Within **seven (7) calendar days** from the signing of the contract, the **Purchaser** shall issue its Notice to Execute Contract to the winning bidder. Unless otherwise specified in the contract, a contract is effective upon receipt of the NTP. If an effectivity date is provided in the NTP, such date shall not be later than **seven (7) calendar days from issuance**.



Section III.
Bid Data Sheet

BID DATA SHEET
FOR SUPPLIES PROCURED THROUGH
LOCAL OPEN BIDDING

Name of Project: SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING, POWERHOUSE) OF FIVE (5) MICRO HYDROPOWER SYSTEMS

Location : Refer to Appendix A

1.a	The Purchaser is: YAMOG Renewable Energy Development Group, Inc.																																																																																																		
1.b	<div>Lot 1</div> <div>SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE) OF 5kW MICRO HYDROPOWER SYSTEM at Sitio Lower Tagasan, Brgy. Gupitan, Kapalong, Davao del Norte</div> <div>Transmission/Distribution Lines & Posts Materials</div> <table><tr><th>Materials</th><th>Quantity</th><th>Unit</th></tr><tr><td>25' Steel Post</td><td>10</td><td>length</td></tr><tr><td>3" dia., S-40, 20' G.I. Pipe</td><td>5</td><td>length</td></tr><tr><td>55-5 Pin Type Insulator</td><td>15</td><td>pc/s</td></tr><tr><td>20" Pole Top Pin</td><td>15</td><td>pc/s</td></tr><tr><td>5/8" x 6" Machine Bolt</td><td>10</td><td>pc/s</td></tr><tr><td>5/8" x 8" Machine Bolt</td><td>10</td><td>pc/s</td></tr><tr><td>1/2" x 4" Machine Bolt</td><td>25</td><td>pc/s</td></tr><tr><td>1/2" x 8" Machine Bolt</td><td>20</td><td>pc/s</td></tr><tr><td>2X2 - 11/16" hole Square Washer</td><td>40</td><td>pc/s</td></tr><tr><td>2X2 - 13/16" hole Square Washer</td><td>30</td><td>pc/s</td></tr><tr><td>6" Suspension Insulator</td><td>10</td><td>pc/s</td></tr><tr><td>Strain Clamp</td><td>6</td><td>pc/s</td></tr><tr><td>Dead End Loop Clamp</td><td>15</td><td>pc/s</td></tr><tr><td>5/8" x 8" Eye Bolt</td><td>6</td><td>pc/s</td></tr><tr><td>parallel groove #6 - #6 Compression Connector</td><td>15</td><td>pc/s</td></tr><tr><td>parallel groove #4 - #4 Compression Connector</td><td>15</td><td>pc/s</td></tr><tr><td>#6 Split Bolt Connector</td><td>10</td><td>pc/s</td></tr><tr><td>3/8" Pre-formed Guy Grip</td><td>40</td><td>pc/s</td></tr><tr><td>5/8" x 7' Thimble Eye Anchor Rod</td><td>20</td><td>pc/s</td></tr><tr><td>4 way Expanding Type Anchor</td><td>20</td><td>pc/s</td></tr><tr><td>Ligtning Arrester and Fuse Cut-out Set</td><td>2</td><td>pc/s</td></tr><tr><td>#4 Hotline Camp</td><td>2</td><td>pc/s</td></tr><tr><td>#4 ACSR Primary Jumper</td><td>20</td><td>mtr/s</td></tr><tr><td>#4 AAC Secondary Jumper</td><td>10</td><td>mtr/s</td></tr><tr><td>2 Spool Rack w/ Insulator</td><td>15</td><td>pc/s</td></tr><tr><td>5/8" One Bolt Clamp</td><td>20</td><td>pc/s</td></tr><tr><td>5/8" x 10" Angle Thimble Bolt</td><td>4</td><td>pc/s</td></tr><tr><td>5/8" Thimble Eye Nut</td><td>10</td><td>pc/s</td></tr><tr><td>Aluminum Non Insulated Tie Wire</td><td>30</td><td>mtr/s</td></tr><tr><td>Aluminum Insulated Tie Wire</td><td>20</td><td>mtr/s</td></tr><tr><td>3/8" Guy Wire</td><td>100</td><td>mtr/s</td></tr></table>			Materials	Quantity	Unit	25' Steel Post	10	length	3" dia., S-40, 20' G.I. Pipe	5	length	55-5 Pin Type Insulator	15	pc/s	20" Pole Top Pin	15	pc/s	5/8" x 6" Machine Bolt	10	pc/s	5/8" x 8" Machine Bolt	10	pc/s	1/2" x 4" Machine Bolt	25	pc/s	1/2" x 8" Machine Bolt	20	pc/s	2X2 - 11/16" hole Square Washer	40	pc/s	2X2 - 13/16" hole Square Washer	30	pc/s	6" Suspension Insulator	10	pc/s	Strain Clamp	6	pc/s	Dead End Loop Clamp	15	pc/s	5/8" x 8" Eye Bolt	6	pc/s	parallel groove #6 - #6 Compression Connector	15	pc/s	parallel groove #4 - #4 Compression Connector	15	pc/s	#6 Split Bolt Connector	10	pc/s	3/8" Pre-formed Guy Grip	40	pc/s	5/8" x 7' Thimble Eye Anchor Rod	20	pc/s	4 way Expanding Type Anchor	20	pc/s	Ligtning Arrester and Fuse Cut-out Set	2	pc/s	#4 Hotline Camp	2	pc/s	#4 ACSR Primary Jumper	20	mtr/s	#4 AAC Secondary Jumper	10	mtr/s	2 Spool Rack w/ Insulator	15	pc/s	5/8" One Bolt Clamp	20	pc/s	5/8" x 10" Angle Thimble Bolt	4	pc/s	5/8" Thimble Eye Nut	10	pc/s	Aluminum Non Insulated Tie Wire	30	mtr/s	Aluminum Insulated Tie Wire	20	mtr/s	3/8" Guy Wire	100	mtr/s
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	5" - 6" Pole Clamp	10	pc/s
	L Bracket Cut-out Assembly	3	pc/s
	10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	2	unit/s
	Ground Rod Clamp	3	pc/s
	5/8X"6 Ground Rod	3	length/s
	22 mm ² Poly ACSR	2000	mtr/s
	14 mm ² Bare ACSR	415	mtr/s
	Hauling	1	lot
	Powerhouse Wiring Materials		
	Materials	Quantity	Unit
	8.0 mm ² THHN Wire	1	roll/s
	22 mm ² THHN Cable	1	roll/s
	3.5 mm ² THHN Wire	1	roll/s
	Electrical Tape	10	roll/s
	Rubber Tape	5	roll/s
	3-gang recessed type switch	1	set/s
	3-gang recessed type outlet	1	set/s
	PVC Junction Box	3	pc/s
	24" x 10" x 4" pull box	1	unit/s
	7W LED bulb	4	pc/s
	PVC utility box	2	pc/s
	2" PVC receptacle	4	pc/s
	2" diam PVC pipe	7	length
	2" diam PVC elbow	6	pc/s
	2" diam. PVC pipe adaptor w/ locknut	7	pc/s
	2" diam. entrance cap	1	pc/s
	1" diam. moldflex pipe	5	mtr/s
	8.0 mm ² terminal eye	16	pc/s
	22 mm ² terminal lug	14	pc/s
	Household Wiring Materials		
	Material Description	Quantity	Unit
	Service Drop Wire #10	1500	mtr/s
	Screw Insulator #2	50	pc/s
	Entrance Cap 1/2"	50	pc/s
	PVC Elbow 1/2"	100	pc/s
	Moldflex Pipe 1/2"	150	mtr/s
	TW 5.5mm ² Stranded	500	mtr/s
	PVC Pipe 1/2"	25	length/s
	PVC Adapter with Locknut 1/2"	50	pc/s
	Digital kWh Meter	50	unit/s
	Gypsum Screw 1"	750	pc/s
	Molded Case Circuit Breaker, 2P, Bolt-on, 15A	50	unit/s
	Circuit Breaker Plastic Enclosure	50	pc/s
	PDX Wire #14	1000	mtr/s
	PVC Clamp 1/2"	500	pc/s
	Staple Wire 1"	50	box/es
	PVC Junction Box with Cover	150	pc/s
	PVC Receptacle 2"	150	pc/s
	7W LED Bulb	150	pc/s
	Surface Type Switch	150	pc/s
	3-Gang Surface Type Outlet	50	pc/s
	Small Electrical Tape	50	roll/s

SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE) OF A 19 kW MICRO HYDROPOWER SYSTEM at Sitio San Malbino, Brgy. Lapuan, Don Marcelino, Davao Occidental

Transmission/Distribution Lines & Posts Materials

Materials	Quantity	Unit
25' Steel Post	11	length/s
3" dia., S-40, 20' G.I. Pipe	20	length/s
55-5 Pin Type Insulator	20	pc/s
20" Pole Top Pin	10	pc/s
5/8" x 6" Machine Bolt	20	pc/s
5/8" x 8" Machine Bolt	10	pc/s
5/8" x 12" Machine Bolt	6	pc/s
1/2" x 2" Machine Bolt	10	pc/s
1/2" x 4" Machine Bolt	45	pc/s
1/2" x 6" Machine Bolt	10	pc/s
1/2" x 8" Machine Bolt	35	pc/s
2X2 - 11/16" hole Square Washer	105	pc/s
2X2 - 13/16" hole Square Washer	120	pc/s
Crossarm Steel Pin	12	pc/s
Steel Square Tube (2"x4"x20'), S-40	7	length/s
3/8" x 4 1/2" Carriage Bolt	10	pc/s
6" Suspension Insulator	10	pc/s
#4 Strain/Dead End Clamp	20	pc/s
Dead End Loop Clamp	25	pc/s
5/8" x 12" Double Arming Bolt	10	pc/s
5/8" x 14" Double Arming Bolt	10	pc/s
5/8" x 8" Eye Bolt	7	pc/s
5/8" x 12" Eye Bolt	5	pc/s
parallel groove #2 - #2 Compression Connector	5	pc/s
parallel groove #4 - #4 Compression Connector	50	pc/s
#4 Split Bolt Connector	25	pc/s
3/8" Pre-formed Guy Grip	60	pc/s
5/8" x 7' Thimble Eye Anchor Rod	35	pc/s
4 way Expanding Type Anchor	35	pc/s
5/8" eyenut	15	pc/s
2 Spool Rack w/ Insulator	40	pc/s
1 1/4" x 1 1/4" x 28" Flat Brace	20	pc/s
5/8" One Bolt Clamp	25	pc/s
1/4" x 1 1/2" X 4.0 x 4' Angle Bar	7	length/s
1/4" x 1 1/2" X 4.0 x 6' Angle Bar	7	length/s
5/8" x 10" Angle Thimble Bolt	20	pc/s
5/8" Thimble Eye Nut	22	pc/s

10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	6	unit/s
L Bracket Cut-out Assembly	2	pc/s
#4 Hotline Camp	6	pc/s
Ligtning Arrester and Fuse Cut-out Set	6	
Aluminum Non Insulated Tie Wire	35	mtr/s
Aluminum Insulated Tie Wire	25	mtr/s
3/8" Guy Wire	150	mtr/s
5" - 6" Pole Clamp	15	pc/s
Ground Rod Clamp	5	pc/s
5/8X"6 Ground Rod	7	length/s
22 mm ² Poly ACSR	3,215	mtr/s
14 mm ² Bare ACSR	2,093	mtr/s
Hauling	1	lot
Powerhouse Wiring Materials		
Materials	Quantity	Unit
8.0 mm ² THHN Wire	1	roll/s
22 mm ² THHN Cable	1	roll/s
3.5 mm ² THHN Wire	1	roll/s
Electrical Tape	5	roll/s
Rubber Tape	5	roll/s
3-gang recessed type switch	1	set/s
3-gang recessed type outlet	1	set/s
PVC Junction Box	3	pc/s
24" x 10" x 4" pull box	1	unit/s
5W LED bulb	4	pc/s
PVC utility box	2	pc/s
2" PVC receptacle	4	pc/s
2" diam PVC pipe	7	length
2" diam PVC elbow	6	pc/s
2" diam. PVC pipe adaptor w/ locknut	7	pc/s
2" diam. entrance cap	1	pc/s
1" diam. moldflex pipe	5	mtr/s
8.0 mm ² terminal eye	16	pc/s
22 mm ² terminal lug	14	pc/s
Household Wiring Materials		
Material Description	Quantity	Unit
Service Drop Wire #10	7160	mtr/s
Screw Insulator #2	179	pc/s
Entrance Cap 1/2"	179	pc/s
PVC Elbow 1/2"	358	pc/s
Moldflex Pipe 1/2"	537	mtr/s
TW 5.5mm ² Stranded	1790	mtr/s
PVC Pipe 1/2"	90	length/s
PVC Adapter with Locknut 1/2"	179	pc/s
Digital kWh Meter	179	unit/s

Gypsum Screw 1"	2685	pc/s
Molded Case Circuit Breaker, 2P, Bolt-on, 15A	179	unit/s
Circuit Breaker Plastic Enclosure	179	pc/s
PDX Wire #14	3580	mtr/s
PVC Clamp 1/2"	1790	pc/s
Staple Wire 1"	179	box/es
PVC Junction Box with Cover	537	pc/s
PVC Receptacle 2"	537	pc/s
7W LED Bulb	537	pc/s
Surface Type Switch	537	pc/s
3-Gang Surface Type Outlet	179	pc/s
Small Electrical Tape	179	roll/s

SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE) OF A 15 kW MICRO HYDROPOWER SYSTEM at SitioCamansi, Brgy. West Lamidan, Don Marcelino, Davao Occidental

Transmission/Distribution Lines & Posts Materials

Materials	Quantity	Unit
25' Steel Post	8	length
3" dia., S-40, 20' G.I. Pipe	29	length
55-5 Pin Type Insulator	15	pc/s
20" Pole Top Pin	15	pc/s
5/8" x 6" Machine Bolt	30	pc/s
5/8" x 8" Machine Bolt	10	pc/s
5/8" x 12" Machine Bolt	5	pc/s
1/2" x 2" Machine Bolt	5	pc/s
1/2" x 4" Machine Bolt	66	pc/s
1/2" x 6" Machine Bolt	7	pc/s
1/2" x 8" Machine Bolt	25	pc/s
2X2 - 11/16" hole Square Washer	110	pc/s
2X2 - 13/16" hole Square Washer	73	pc/s
Crossarm Steel Pin	2	pc/s
Steel Square Tube (2"x4"x20'), S-40	1	length/s
3/8" x 4 1/2" Carriage Bolt	7	pc/s
6" Suspension Insulator	10	pc/s
#4 Strain/Dead End Clamp	5	pc/s
Dead End Loop Clamp	10	pc/s
5/8" x 12" Double Arming Bolt	5	pc/s
5/8" x 8" Eye Bolt	5	pc/s
5/8" x 12" Eye Bolt	5	pc/s
parallel groove #2 - #2 Compression Connector	5	pc/s
parallel groove #4 - #4 Compression Connector	36	pc/s
#4 Split Bolt Connector	10	pc/s
#6 Split Bolt Connector	6	pc/s
3/8" Pre-formed Guy Grip	68	pc/s
5/8" x 7' Thimble Eye Anchor Rod	48	pc/s
4 way Expanding Type Anchor	33	pc/s
2 Spool Rack w/ Insulator	42	pc/s
1 1/4" x 1 1/4" x 28" Flat Brace	10	pc/s
5/8" One Bolt Clamp	30	pc/s
1/4" x 1 1/2" X 4.0 x 4' Angle Bar	5	length/s
1/4" x 1 1/2" X 4.0 x 6' Angle Bar	5	length/s
5/8" x 10" Angle Thimble Bolt	30	pc/s

	10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	6	unit/s																																																											
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	3/8" Guy Wire	150	mtr/s																																																											
	5" - 6" Pole Clamp	15	pc/s																																																											
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	PVC Receptacle 2"	405	pc/s
	7W LED Bulb	405	pc/s
	Surface Type Switch	405	pc/s
	3-Gang Surface Type Outlet	135	pc/s
	Small Electrical Tape	135	roll/s
<div>Lot 2</div> <div>SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE) OF A 27 kW MICRO HYDROPOWER SYSTEM at Sitio Tinanan, Brgy. Ganatan, Arakan, North Cotabato</div> <div>Transmission/Distribution Lines & Posts Materials</div>			
	Materials	Quantity	Unit
	25' Steel Post	30	length/s
	3" dia., S-40, 20' G.I. Pipe	53	length/s
	55-5 Pin Type Insulator	57	pc/s
	20" Pole Top Pin	57	pc/s
	5/8" x 6" Machine Bolt	55	pc/s
	5/8" x 8" Machine Bolt	40	pc/s
	5/8" x 10" Machine Bolt	5	pc/s
	5/8" x 12" Machine Bolt	7	pc/s
	1/2" x 4" Machine Bolt	115	pc/s
	1/2" x 6" Machine Bolt	20	pc/s
	1/2" x 8" Machine Bolt	90	pc/s
	2X2 - 11/16" hole Square Washer	280	pc/s
	2X2 - 13/16" hole Square Washer	300	pc/s
	Crossarm Steel Pin	35	pc/s
	Steel Square Tube (2"x4"x20'), S-40	7	length/s
	3/8" x 4 1/2" Carriage Bolt	40	pc/s
	6" Suspension Insulator	40	pc/s
	#4 Strain/Dead End Clamp	20	pc/s
	Dead End Loop Clamp	40	pc/s
	5/8" x 12" Double Arming Bolt	15	pc/s
	5/8" x 14" Double Arming Bolt	10	pc/s
	5/8" x 8" Eye Bolt	10	pc/s
	5/8" x 12" Eye Bolt	5	pc/s
	parallel groove #6 - #6 Compression Connector	5	pc/s
	parallel groove #4 - #4 Compression Connector	115	pc/s
	#6 Split Bolt Connector	32	pc/s
	3/8" Pre-formed Guy Grip	135	pc/s
	5/8" x 7' Thimble Eye Anchor Rod	67	pc/s
	4 way Expanding Type Anchor	67	pc/s

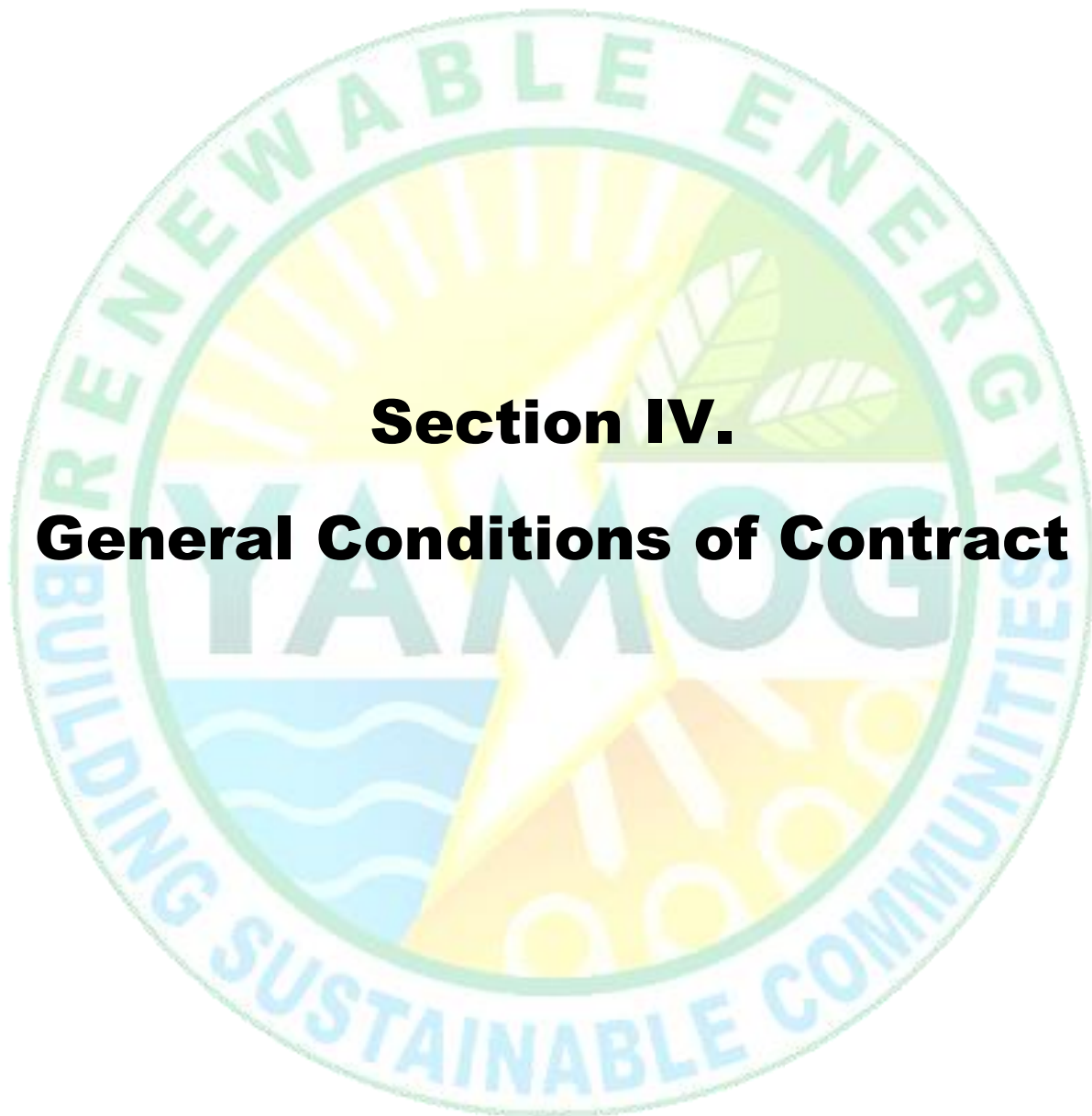
	5/8" eyenut	10	pc/s
	Ligtning Arrester and Fuse Cut-out Set	6	pc/s
	#4 Hotline Camp	7	pc/s
	#4 ACSR Primary Jumper	90	mtr/s
	#4 AAC Secondary Jumper	10	mtr/s
	2 Spool Rack w/ Insulator	97	pc/s
	1 1/4" x 1 1/4" x 28" Flat Brace	40	pc/s
	5/8" One Bolt Clamp	52	pc/s
	5/8" x 10" Angle Thimble Bolt	27	pc/s
	5/8" Thimble Eye Nut	50	pc/s
	Aluminum Non Insulated Tie Wire	120	mtr/s
	Aluminum Insulated Tie Wire	75	mtr/s
	3/8" Guy Wire	405	mtr/s
	5" - 6" Pole Clamp	22	pc/s
	L Bracket Cut-out Assembly	1	pc/s
	10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	6	unit/s
	Ground Rod Clamp	5	pc/s
	5/8X"6 Ground Rod	7	length/s
	22 mm ² Poly ACSR	14600	mtr/s
	14 mm ² Bare ACSR	7000	mtr/s
	Hauling	1	lot
	Powerhouse Wiring Materials		
	Materials	Quantity	Unit
	8.0 mm ² THHN Wire	1	roll/s
	22 mm ² THHN Cable	1	roll/s
	3.5 mm ² THHN Wire	1	roll/s
	Electrical Tape	5	roll/s
	Rubber Tape	5	roll/s
	3-gang recessed type switch	1	set/s
	3-gang recessed type outlet	1	set/s
	PVC Junction Box	3	pc/s
	24" x 10" x 4" pull box	1	unit/s
	5W LED bulb	4	pc/s
	PVC utility box	2	pc/s
	2" PVC receptacle	4	pc/s
	2" diam PVC pipe	7	length
	2" diam PVC elbow	6	pc/s
	2" diam. PVC pipe adaptor w/ locknut	7	pc/s
	2" diam. entrance cap	1	pc/s
	1" diam. moldflex pipe	5	mtr/s
	8.0 mm ² terminal eye	16	pc/s
	22 mm ² terminal lug	14	pc/s

	Household Wiring Materials		
	Material Description	Quantity	Unit
	Service Drop Wire #10	7100	mtr/s
	Screw Insulator #2	142	pc/s
	Entrance Cap 1/2"	142	pc/s
	PVC Elbow 1/2"	284	pc/s
	Moldflex Pipe 1/2"	426	mtr/s
	TW 5.5mm ² Stranded	1420	mtr/s
	PVC Pipe 1/2"	71	length/s
	PVC Adapter with Locknut 1/2"	142	pc/s
	Digital kWh Meter	142	unit/s
	Gypsum Screw 1"	2130	pc/s
	Molded Case Circuit Breaker, 2P, Bolt-on, 15A	142	unit/s
	Circuit Breaker Plastic Enclosure	142	pc/s
	PDX Wire #14	2840	mtr/s
	PVC Clamp 1/2"	1420	pc/s
	Staple Wire 1"	142	box/es
	PVC Junction Box with Cover	426	pc/s
	PVC Receptacle 2"	426	pc/s
	7W LED Bulb	426	pc/s
	Surface Type Switch	426	pc/s
	3-Gang Surface Type Outlet	142	pc/s
	Small Electrical Tape	142	roll/s
	SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE) OF A 30 kW MICRO HYDROPOWER SYSTEM at Brgy. Ramitan and Mapantao, Picong, Lanao del Sur		
	Transmission/Distribution Lines & Posts Materials		
	Materials	Quantity	Unit
	25' Steel Post	42	length/s
	4" dia., S-40, 20' G.I. Pipe	10	length/s
	3" dia., S-40, 20' G.I. Pipe	30	length/s
	55-5 Pin Type Insulator	168	pc/s
	20" Pole Top Pin	45	pc/s
	5/8" x 6" Machine Bolt	50	pc/s
	5/8" x 8" Machine Bolt	5	pc/s
	5/8" x 10" Machine Bolt	15	pc/s
	5/8" x 12" Machine Bolt	33	pc/s
	1/2" x 4" Machine Bolt	132	pc/s
	1/2" x 6" Machine Bolt	35	pc/s
	1/2" x 8" Machine Bolt	162	pc/s
	2X2 - 11/16" hole Square Washer	354	pc/s
	2X2 - 13/16" hole Square Washer	559	pc/s
	Crossarm Steel Pin	143	pc/s
	Steel Square Tube (2"x4"x20'), S-40	26	length/s
	3/8" x 4 1/2" Carriage Bolt	20	pc/s
	6" Suspension Insulator	50	pc/s
	#4 Strain/Dead End Clamp	30	pc/s
	Dead End Loop Clamp	30	pc/s
	5/8" x 12" Double Arming Bolt	61	pc/s
	5/8" x 14" Double Arming Bolt	30	pc/s
	5/8" x 8" Eye Bolt	7	pc/s

	5/8" x 12" Eye Bolt	5	pc/s
	parallel groove #6 - #6 Compression Connector	7	pc/s
	parallel groove #4 - #4 Compression Connector	88	pc/s
	#6 Split Bolt Connector	30	pc/s
	3/8" Pre-formed Guy Grip	115	pc/s
	5/8" x 7' Thimble Eye Anchor Rod	60	pc/s
	4 way Expanding Type Anchor	60	pc/s
	5/8" eyenut	20	pc/s
	Ligtning Arrester and Fuse Cut-out Set	6	pc/s
	#4 Hotline Camp	7	pc/s
	#4 ACSR Primary Jumper	103	mtr/s
	#6 AAC Secondary Jumper	10	mtr/s
	2 Spool Rack w/ Insulator	98	pc/s
	1 1/4" x 1 1/4" x 28" Flat Brace	25	pc/s
	1/4" x 1 1/2" X 4.0 x 4' Angle Bar	66	pc/s
	1/4" x 1 1/2" X 4.0 x 6' Angle Bar	66	pc/s
	5/8" One Bolt Clamp	93	pc/s
	5/8" x 10" Angle Thimble Bolt	43	pc/s
	5/8" Thimble Eye Nut	30	pc/s
	Aluminum Non Insulated Tie Wire	105	mtr/s
	Aluminum Insulated Tie Wire	85	mtr/s
	3/8" Guy Wire	320	mtr/s
	5" - 6" Pole Clamp	53	pc/s
	L Bracket Cut-out Assembly	1	pc/s
	10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	6	unit/s
	Ground Rod Clamp	5	pc/s
	5/8X"6 Ground Rod	7	length/s
	22 mm ² Poly ACSR	25415	mtr/s
	14 mm ² Bare ACSR	7267	mtr/s
	Hauling	1	trip
	Powerhouse Wiring Materials		
	Materials	Quantity	Unit
	8.0 mm ² THHN Wire	1	roll/s
	22 mm ² THHN Cable	1	roll/s
	3.5 mm ² THHN Wire	1	roll/s
	Electrical Tape	5	roll/s
	Rubber Tape	5	roll/s
	3-gang recessed type switch	1	set/s
	3-gang recessed type outlet	1	set/s
	PVC Junction Box	3	pc/s
	24" x 10" x 4" pull box	1	unit/s
	5W LED bulb	4	pc/s
	PVC utility box	2	pc/s
	2" PVC receptacle	4	pc/s
	2" diam PVC pipe	7	lengths
	2" diam PVC elbow	6	pc/s
	2" diam. PVC pipe adaptor w/ locknut	7	pc/s
	2" diam. entrance cap	1	pc/s
	1" diam. moldflex pipe	5	mtr/s
	8.0 mm ² terminal eye	16	pc/s
	22 mm ² terminal lug	14	pc/s

Household Wiring Materials			
	Material Description	Quantity	Unit
	Service Drop Wire #10	17500	mtr/s
	Screw Insulator #2	350	pc/s
	Entrance Cap 1/2"	350	pc/s
	PVC Elbow 1/2"	700	pc/s
	Moldflex Pipe 1/2"	1050	mtr/s
	TW 5.5mm ² Stranded	3500	mtr/s
	PVC Pipe 1/2"	175	length/s
	PVC Adapter with Locknut 1/2"	350	pc/s
	Digital kWh Meter	350	unit/s
	Gypsum Screw 1"	5250	pc/s
	Molded Case Circuit Breaker, 2P, Bolt-on, 15A	350	unit/s
	Circuit Breaker Plastic Enclosure	350	pc/s
	PDX Wire #14	7000	mtr/s
	PVC Clamp 1/2"	3500	pc/s
	Staple Wire 1"	350	box/es
	PVC Junction Box with Cover	1050	pc/s
	PVC Receptacle 2"	1050	pc/s
	7W LED Bulb	1050	pc/s
	Surface Type Switch	1050	pc/s
	3-Gang Surface Type Outlet	350	pc/s
	Small Electrical Tape	350	roll/s
5.0	The Pre-Bid Conference is scheduled on July 23, 2021, 2:00 pm at YAMOG Renewable Energy Development Group, Inc., Room 2, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000		
7.0	Bids shall be offered in Lots. Offer shall be made for only 1 lot.		
9.0	The bid validity period is one hundred twenty (120) calendar days or longer from the date of the Opening of Bids (<u>August 3, 2021, 1:00 p.m.</u>) to the issuance of Notice to Award		
10.00	<p>Deadline of Submission of Bids is August 2 2021, 1:00 p.m. as follows:</p> <ul style="list-style-type: none"> ■ Manual Submission - at <u>YAMOG Renewable Energy Development Group, Inc. Office, Room 2, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000</u> ■ Online Submission – at <u>yamoginc@gmail.com</u> 		
12.0	<p>Bids shall be opened on</p> <p><u>August 3, 2021, 1:00 p.m. at YAMOG Renewable Energy Development Group, Inc. Office, Room 2, Tulip Homes and Mercantile (THM), Tulip Drive, Brgy. Matina Crossing, Poblacion District, Davao City 8000</u></p>		

Note: To be filled-up by the BAC before the Issuance of Invitation to Bid, issuance of bidding documents and will form part of the Tender Documents.



Section IV.

General Conditions of Contract

TABLE OF CONTENTS

1. Definitions.....34

2. Interpretation.....35

3. Governing Language and Law.....36

4. Communications.....36

5. The Supplier/Contractor’s Obligations.....36

6. Performance Security.....36

7. Liquidated Damages (LD).....37

8. Inspection and Tests.....37

9. Measurement of Delivery.....38

10. Contract Price and Payment.....38

11. Advance Payment.....38

12. Retention Money.....38

13. Final Payment.....39

14. Variation Orders and Repeat Orders.....39

15. Contract Time Extension.....40

16. The Purchaser, Licenses and Permits.....41

17. Contract Completion.....41

18. Warranty and Defects Liability Period.....41

19. Liability of the Supplier/Contractor.....42

20. Termination of Contract for Default.....42

21. Termination of Contract for Unlawful Acts.....43

22. Termination of Contract at the Instance of the Supplier/Contractor....43

23. Termination of Contract for Convenience.....43

24. Termination of Contract due to Force Majeure.....44

25. Settlement of Disputes.....44

26. Suspension of Loan, Credit, Grant, or Appropriation.....44

27. Bill of Quantities.....44

28. Instructions, Inspections and Audits.....44

29. Identifying Defects.....44

30. Cost of Replacement.....45

31. Correction of Defects.....45

32. Uncorrected Defects.....45

33. Scope of Contract.....45

1. Definitions

For purposes of this Clause, boldface type is used to identify defined terms.

- 1.1. The **Purchaser or the Procuring Entity** means the organization purchasing the Goods, as named in the **SCC**.
- 1.2. The **Purchaser's Representative** refers to the Head of the Bids and Awards Committee or his duly authorized representative, identified in the **SCC**, who shall be responsible for supervising the execution of the Supply and Delivery of Goods and administering this Contract.
- 1.3. **Bill of Quantities** refers to a list of the specific items of the Supply and Delivery of Goods and their corresponding unit prices, lump sums, and/or provisional sums.
- 1.4. The **Completion Date** is the date of completion of the Supply and Delivery of Goods as certified by the Purchaser.
- 1.5. Lowest and Best Quality Bidder (**LBQB**), Lowest and Best Quality Responsive Bidder (**LBQRB**)
- 1.6. The **Contract** is the contract between the Purchaser and the Supplier/Contractor to execute and complete the Supply and Delivery of Goods.
- 1.7. The **Contract Effectivity Date** is the date of signing of the Contract. However, the supplier/contractor shall commence execution of the Supply and Delivery of Goods on the Start Date as defined in GCC Clause 1.28.
- 1.8. The **Contract Price** is the price stated in the Notice of Award and thereafter to be paid by the Purchaser to the Supplier/Contractor for the execution of the Supply and Delivery of Goods in accordance with this Contract
- 1.9. **Contract Time Extension** is the allowable period for the Supplier/Contractor to complete the Supply and Delivery of Goods in addition to the original Completion Date stated in this Contract.
- 1.10. The **Supplier/Contractor** is the juridical entity whose proposal has been accepted by the Procuring Entity and to whom the Contract to execute the Supply and Delivery of Goods was awarded.
- 1.11. The **Supplier/Contractor's Bid** is the signed offer or proposal submitted by the Contractor to the Procuring Entity in response to the Bidding Documents.
- 1.12. **Days** are calendar days; months are calendar months.
- 1.13. A **Defect** is any part of the Supply and Delivery of Goods not completed in accordance with the Contract.
- 1.14. The **Defects Liability Certificate** is the certificate issued by Purchaser upon correction of defects by the Contractor.
- 1.15. The **Defects Liability Period** is the one-year period between contract completion and final acceptance within which the Contractor assumes the responsibility to undertake the replacement of any defective material/s at his own expense.
- 1.16. **Equipment** refers to all facilities, supplies, appliances, materials or things required for the delivery of Goods.

- 1.17. The **Intended Completion Date** refers to the date specified in the **SCC** when the Contractor is expected to have completed the delivery. The Intended Completion Date may be revised only by the Purchaser by issuing an extension of time or an acceleration order.
- 1.18. **Goods/Materials** means all of the supplies, equipment, machinery, spare parts, other materials and/or general support services which the Supplier/Contractor is required to provide to the Purchaser under the Contract.
- 1.19. The **Notice to Proceed** is a written notice issued by the Purchaser to the Contractor requiring the latter to begin the commencement of the delivery not later than a specified or determinable date.
- 1.20. **Project Supervisors** are the Area Team Leader and Area Engineers assigned by the Purchaser and who is responsible for day to day supervising the delivery of Goods.
- 1.21. The **Site** is the place provided by the Purchaser where the Supply and Delivery of Goods shall be executed and any other place or places which may be designated in the **SCC**, or notified to the Contractor by the Purchaser as forming part of the Site.
- 1.22. **Site Investigation Reports** are those that were included in the Bidding Documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- 1.23. **Slippage** is a delay in delivery of Goods occurring when actual accomplishment falls below the target as measured by the difference between the scheduled and actual accomplishment of the delivery of Goods by the Supplier/Contractor as established from the delivery of Goods schedule. This is actually described as a percentage of the whole Supply and Delivery of Goods.
- 1.24. **Specifications** mean the description of Materials to be supplied & delivered.
- 1.25. The **Start Date**, as specified in the **SCC**, is the date when the Supplier/Contractor is obliged to commence execution of the delivery. It is the date indicated in the Notice to Proceed for commencement of the delivery.
- 1.26. The **Variation** is an instruction given by the Purchaser's Representative, which changes the item/s of the original supply and delivery requirements. In case of materials alteration, this should have prior clearance from the Purchaser.

2. Interpretation

- 2.1. In interpreting the Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of this Contract unless specifically defined. The Purchaser will provide instructions clarifying queries about the Conditions of Contract.
- 2.2. The documents forming this Contract shall be interpreted in the following order of priority:
 - a) Contract Agreement;
 - b) Bid Data Sheet;
 - c) Instructions to Bidders;
 - d) Addenda to the Bidding Documents;
 - e) Special Conditions of Contract;
 - f) General Conditions of Contract;
 - g) Delivery Schedule;
 - h) Specifications;
 - i) Bill of Quantities;

3. Governing Language and Law

- 3.1. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract which are exchanged by the parties shall be written in English.
- 3.2. This Contract shall be interpreted in accordance with the Yamog- EU-ASEP Procurement Manua which is in keeping with the EU Practical Guide (available on the internet at: <http://ec.europa.eu/europeaid/prag/document.do>).

4. Communications

Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is received by the concerned party.

5. The Supplier/Contractor's Obligations

- 5.1. The Supplier/Contractor shall carry out the Supply and Delivery of Goods properly and in accordance with this Contract.
- 5.2. The Supplier/Contractor shall provide all Materials and Equipment, which may be required. All Materials on Site shall be deemed to be the property of the Purchaser.
- 5.3. The Supplier/Contractor shall commence execution of the delivery on the Start Date and shall carry out the Supply and Delivery of Goods in accordance with the Bill of Quantities submitted by the Supplier/Contractor, as updated with the approval of the Purchaser, and complete them by the Intended Completion Date.
- 5.4. The Supplier/Contractor shall submit to the Purchaser for consent the name and particulars of the person authorized to receive instructions on behalf of the Supplier/Contractor.

6. Performance Security

- 6.1. Within seven (7) calendar days from receipt of the Notice of Award from the Purchaser but in no case later than the signing of the contract by both parties, the Supplier/Contractor shall furnish the performance security in any of the forms prescribed in ITB Clause 17.
- 6.2. The performance security posted in favor of the Purchaser shall be forfeited in the event it is established that the Supplier/Contractor is in default in any of its obligations under the Contract.
- 6.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 6.4. The performance security may be released by the Purchaser and returned to the Supplier/Contractor after the issuance of the Certificate of Final Acceptance subject to the following conditions:
 - a. There are no pending claims against the Contractor filed by the Procuring Entity;
 - b. The Supplier/Contractor has no pending claims for materials filed against it; and
 - c. Other terms specified in the **SCC**.
- 6.5. The Supplier/Contractor shall post an additional performance security following the amount and form specified in ITB Clause 17 to cover any cumulative increase of more than ten percent (10%) over the original value of the contract as a result of amendments to order or change orders and supplemental agreements, as the case may be. The Supplier/Contractor

shall cause the extension of the validity of the performance security to cover approved contract time extensions.

- 6.6. In case of a reduction in the contract value or for partially completed Supply and Delivery of Goods under the contract which are usable and accepted by the Purchaser the use of which, in the judgment of the implementing agency or the Purchaser, will not affect the structural integrity of the entire project, the Purchaser shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.

7. Liquidated Damages (LD)

- 7.1. The Supplier/Contractor shall pay liquidated damages to the Procuring Entity for each day that the Completion Date is later than the Intended Completion Date. The applicable liquidated damages is at least one-tenth (1/10) of a percent of the cost of the unperformed portion for every day of delay. The Procuring Entity shall deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Supplier/Contractor's liabilities. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of this Contract, the Purchaser may rescind or terminate this Contract, without prejudice to other courses of action and remedies available under the circumstances.
- 7.2. If the Intended Completion Date is extended after liquidated damages have been paid, the Project Supervisor of the Purchaser shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate.
- 7.3. The Purchaser may also take over the contract or award the same to qualified contractor through direct contracting. In addition to the liquidated damages, the erring Supplier/Contractor's performance security shall also be forfeited.

8. Inspection and Tests

- 8.1. The Procuring Entity or its representative shall have the right to inspect and /or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity. In addition to the tests in the SCC, Section IV (Technical Specifications) shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representative/s retained for these purposes.
- 8.2. Prior to delivery and on an agreed specific date, the Supplier/Contractor should make available the warehouse storing the goods and allow representative/s of the procuring entity to inspect all electrical equipment and materials, subject of this procurement.
- 8.3. If, at the time and place agreed above, the materials are not ready for inspection or testing, or are found damaged, not brand new or not compliant to contract specifications, the Project Supervisor may reject these materials and must notify the Supplier/Contractor of such rejection immediately. The notice must state the Project Supervisor's objection and the reasons for the objection. The Supplier/Contractor, for its part, must then promptly replace all the rejected material and ensures it complies with the contract specifications.
- 8.4. To help ensure that the materials inspected and found to be in keeping with contract specifications, will be the same materials delivered, the Procuring Entity's representative/s are allowed to mark or place stickers, if found necessary. In any event that the Supplier replaced the inspected goods without the knowledge of the Procuring Entity, such **shall be** considered a breach of contract and subject to any legal remedy and action.

9. Measurement of Delivery

The Project Supervisor must measure the value of the actual delivered goods in accordance with the contract. This measurement will be the basis for the payment that will be made to the Contractor in accordance with the duly conformed Delivery Receipt. The Supplier/Contractor shall attend or send a qualified representative to assist the Project Supervisor in making such measurement; and supply all particulars required by the Project Supervisor.

10. Contract Price and Payment

- 10.1. The method and conditions of payment shall be specified in the contract. Any kind of payment, including advance and progress payments, must be made by the Purchaser as soon as possible, but in no case later than thirty (30) days after the submission of an invoice or claim by the Supplier/Contractor, accompanied by documents submitted pursuant to the contract, and upon fulfillment of other obligations stipulated in the contract. The Purchaser must also ensure that all accounting and auditing requirements are met prior to payment.
- 10.2. Price escalation is not allowed. For the given scope of delivery in the contracts awarded, the price must be considered as a fixed price.
- 10.3. The first progress payment may be paid by the Purchaser to the Supplier/Contractor equivalent to the total amount of goods delivered based on the delivery receipt provided. Thereafter, payments can be made upon submission of a written request for payment for subsequent delivered materials. Project Supervisor must verify such request for payment, including the duly conformed Delivery Receipt.
- 10.4. The Purchaser has the right to deduct from the contractor's progress billing such amount as may be necessary to cover third party liabilities. It must not process any progress payment unless the discovered defects are corrected.

11. Advance Payment

- 11.1. The Supplier/Contractor has the option to claim for advance payment equivalent to 15% of the contract price subject to the submission of a bank guarantee equivalent to the amount requested within three (3) calendar days.
- 11.2. The Purchaser shall recover the advance payment by deducting from the progress payments until the advance is fully recouped within the duration of the contract, and before full payment is made to the Supplier/Contractor.

12. Retention Money

- 12.1. The Purchaser shall deduct the "Retention money" equal to ten percent (10%) of the progress payments to cover the uncorrected discovered defects and third party liabilities. It is to be collected from all progress payments.
- 12.2. The "retention money" shall be due for release after the defects liability period. The Supplier/Contractor may request the Purchaser that, instead of retention money being withheld from each progress billing, it issues in favor of the Purchaser, a bank guarantee in an amount equivalent to the retention money substituted for. They must also be valid for duration to be determined by the Purchaser and will answer for the purpose for which the ten percent (10%) retention is intended. The refund shall not be subjected to Withholding Tax.

13. Final Payment

- 13.1. The Supplier/Contractor may request for final payment upon one hundred percent (100%) completion of delivery of the Goods. Whatever balance remains of the amount that is needed in order to return to the Purchaser the fifteen percent (15%) advance payment previously made and liquidated damages, if any will reduce this payment.

14. Variation Orders and Repeat Orders

- 14.1. Variation Orders may be issued by the Purchaser to cover any increase/decrease in quantities, including the introduction of unforeseen delivery considered as new material items that are not included in the original contract or Bill of Quantities, if the cumulative amount of the Variation Order does not exceed ten percent (10%) of the original project cost. The addition/deletion of Supply and Delivery of Goods should be within the general scope of the project as bid and awarded.
- 14.2. Any cumulative Variation Order beyond ten percent (10%) shall be subject to another Contract to be bidded out if the delivery are separable from the original contract. However, if these adjustments are urgently necessary to complete the original scope of delivery, the Purchaser, on the recommendation of the Project Supervisor and concurrence by the Central Project Management Office (CPMO), may authorize the Variation Order beyond ten percent (10%) but not more than twenty percent (20%).
- 14.3. The payment to the contractor for additional delivery under Variation Orders must be derived based on the following:
- a. For additional item duly covered by **Change Order** involving material items which are exactly the same or similar to those in the original contract, the applicable unit prices of delivery items in the original contract shall be used.
- 14.4. **A Repeat Order** is a method of procurement applicable to this contract whereby another contract package is negotiated directly with a supplier with a previously awarded contract.

Repeat Order may be resorted only in cases where the direct negotiation to an existing supplier is more beneficial, instead of subjecting it to another procurement proceeding. Repeat Order is possible if all of the following conditions are satisfied:

- a. Unit prices of the repeat order must be the same as or lower than those in the original contract, provided that such prices are still the most advantageous after price verification;
- b. A Purchase Order/Supplemental Contract can only be used once for Repeat Order. Quantity of the procurable items/scope of works shall not exceed twenty percent (20%) of the original contract cost.
- c. The Repeat Order shall be implemented through an addendum to the contract with a maximum limit of 20% of the contract.
- d. The repeat order shall be availed only within six (6) months from the receipt of the original Purchase Order /contract to the issuance of Purchase Order/Supplemental Contract for the Repeat Order;

15. Contract Time Extension

- 15.1 The contracts may be extended under the following conditions:
- a. There are **additional materials/delivery** or other special circumstances that would entitle the Supplier/Contractor to an extension of its contract;
 - b. The affected activities fall within the critical path of the PERT/CPM network;

- c. The Supplier/Contractor shall have notified the Purchaser that the amount of additional material or the occurrence of the special circumstance merits the extension of its contract, and that it had done so before the expiration of the contract and within thirty (30) calendar days after the start of the additional material/delivery or when the special circumstance has arisen; and;
 - d. The Purchaser, after due investigation and on the recommendation of the Project Supervisor finds the request justified, determines the appropriate extension period, and approves the request of the Contractor for contract extension.
- 15.1 If the Supplier/Contractor fails to notify the Purchaser within the period provided for, it waives any claims to contract extension.
- 15.2 No contract extension must be given to a Supplier/Contractor due to:
- a. Ordinary unfavorable weather conditions, in that such weather conditions had already been taken into consideration and anticipated in the computation of the unworkable days; and;
 - b. Unjustifiable failure or negligence of the Supplier/Contractor to provide the required equipment, supplies or materials.
- 15.3 Some special circumstances to be considered for contract time extension:
- a. Major calamities such as exceptionally destructive typhoons, floods, earthquakes, and epidemics;
 - b. Non-delivery on time of materials or written information to be furnished by the Purchaser;
 - c. Region-wide or nationwide general labor strikes, as certified by the DOLE Secretary; and;
 - d. Serious peace and order problems as certified by the Municipal Chief of Police.
- 15.4 If a Supplier/Contractor incurs a delay and wishes to request for an extension of the completion of delivery period:
- a. It must submit a written request to the Purchaser for an extension of the completion of delivery period, citing the reason/s for such delay.
 - b. The Purchaser shall either approve or disapprove the request for extension.
 - c. If the extension is granted, the liquidated damages shall not be imposed and the contractor will be so informed in writing.
 - d. If, however, the request for extension is denied, the Purchaser shall inform the Supplier/Contractor in writing of such denial, and ensure that the latter receive the said notice or communication within reasonable time from receipt of the request for extension. The Purchaser then imposes the liquidated damages in accordance with the provisions of the contract and the procedures outlined below.
- 15.5 Delays in Delivery Completion and Liquidated Damages: The Supplier/Contractor must complete the delivery within the period prescribed by the Purchaser as specified in the contract.
- 15.6 If delays are likely to occur at any time during the contract, the Supplier/Contractor shall notify the Purchaser in writing. The Purchaser may grant time extensions based on meritorious grounds.
- 15.7 In all cases, the request for extension shall always be filed before the expiry of the original completion date. Maximum allowable extension shall not exceed the original construction period.

16 The Purchaser, Licenses and Permits

The Purchaser shall, if requested by the Supplier/Contractor, assist him in applying for permits, licenses or approvals, which are required for the Supply and Delivery of Goods.

17 Contract Completion

- 17.1 Once the delivery of the goods have been 100% delivered, the Supplier/Contractor shall request the Purchaser to issue a certificate of completion and acceptance of the Delivery of Goods. The Project Supervisor of the Purchaser will recommend the issuance of such a certificate when he determines that the delivery is satisfactorily completed.
- 17.2 The Supplier/Contractor has the option to withdraw the amount equal to the Retention Money, if he shall post a bank guarantee equal to the amount. Upon receipt of the Bank Guarantee, the Purchaser shall issue a Certificate of Completion.

18 Warranty and Defects Liability Period

- 18.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 18.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 18.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twenty-four (24) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for thirty (30) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 18.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 18.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 18.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 18.7 The Supplier/Contractor shall assume full responsibility for the Goods from the time the delivery commenced up to final acceptance by the Purchaser and shall be held responsible for any damage except those occasioned by force majeure. The Contractor shall be fully responsible for the Equipment and the like to be affected by his delivery.
- 18.8 The defects liability period for projects shall be one year from contract completion up to final acceptance by the Purchaser. During this period, the Supplier/Contractor shall undertake the replacement of materials, at his own expense, of any damage to the Goods on account of the use of materials of inferior quality within thirty (30) days from the time the Purchaser has issued an order to undertake replacement. In case of failure or refusal to comply with this mandate, the Supplier shall immediately inform the Purchaser, present an alternative proposal on how the replacement may be addressed within the allotted time,
- 18.9 The Defects Liability Period shall be extended for as long as defects remain uncorrected. Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified.
- 18.10 Unless otherwise indicated in the **SCC**, in case the Supplier/Contractor fails to comply with the preceding paragraph, the Purchaser shall forfeit its performance security, subject

its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any Yamog bidding.

18.11 The warranty security shall be stated in Philippine Pesos and shall remain effective for one year from the date of issuance of the Certificate of Final Acceptance by the Purchaser, and returned only after the lapse of said one-year period.

18.12 In case of defects or non-compliance to specifications only discovered during the applicable warranty period provided in **GCC** Clause 21.5, the Supplier shall undertake the necessary replacement of the questionable materials or equipment upon demand, without prejudice to the filing of appropriate administrative, civil, and/or criminal charges against the responsible persons as well as the forfeiture of the warranty security posted in favor of the Purchaser.

18.13. The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

18.14. Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

18.15. Unless otherwise specified in the SCC, the warranty shall remain valid for twenty-four (24) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for thirty (30) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

18.16. The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

18.17. Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

18.18. If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

19 Liability of the Supplier/Contractor

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

20 Termination of Contract for Default

20.1 The Purchaser's may terminate a contract for default when any of the following conditions attend its implementation:

- a. The Supplier/Contractor:
 - i. Abandons the contract delivery, refuses or fails to comply with a valid instruction of the Project Supervisor or fails to proceed expeditiously and without delay despite a written notice by the Purchaser;
 - ii. Does not actually have on the required essential Equipment listed on the bid necessary to execute the delivery in accordance with the approved delivery schedule and equipment deployment schedule as required for the project;
 - iii. Does not execute the delivery in accordance with the contract or persistently or flagrantly neglects to carry out its obligations under the contract;

- iv. Neglects or refuses to replace materials that have been rejected as defective, not brand new or non-compliant to specifications.

21 Termination of Contract for Unlawful Acts

21.1 The Purchaser may terminate the contract in case it is determined prima facie that the Supplier/Contractor has engaged, before or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation. Unlawful acts include, but are not limited to, the following:

- i. Corrupt, fraudulent, collusive and coercive practices;
- ii. Drawing up or using forged documents;
- iii. Using substandard / adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
- iv. Any other act analogous to the foregoing.

21.2 The Supplier/Contractor shall be paid based on actual value of delivery.

22 Termination of Contract at the Instance of the Supplier/Contractor

22.1 The Supplier/Contractor may terminate its contract with the Purchaser if the deliveries are completely stopped for a continuous period of at least sixty (60) calendar days through no fault of its own, due to any of the following reasons:

- i. The prosecution of the delivery is disrupted by the adverse peace and order situation, as certified and approved by the Municipal Chief of Police.

22.2 The Supplier/Contractor must serve a written notice to Purchaser of its intention to terminate the contract at least thirty (30) calendar days before its intended termination. The contract deemed terminated if the Purchaser does not resume it in thirty (30) calendar days after the receipt of such notice.

22.3 In cases of termination, the Purchaser shall return to the Supplier/Contractor its performance security and shall pay unpaid claims based on actual value of deliveries.

23 Termination of Contract for Convenience

23.1 The Purchaser, by written notice sent to the Contractor, may terminate the contract, completely or in part, at any time for its convenience. The notice of termination shall specify that the termination be for the Purchaser's convenience, the extent to which performance of the Contractor under the contract is terminated, and the date upon which such termination becomes effective.

24.2 Any of the following circumstances may constitute sufficient grounds to terminate contract for convenience:

- i. If physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible, as determined by the Purchaser;
- ii. The Purchaser has determined the existence of conditions that make project implementation impractical and/or unnecessary, such as, but not limited to, fortuitous event/s, changes in laws and government policies;
- iii. Funding for the project has been withheld or reduced by higher authorities through no fault of the Purchaser;
- iv. Any circumstance analogous to the foregoing.

24 Termination of Contract due to Force Majeure

- 24.1 Either party may terminate the Contract by giving a thirty (30) day notice to the other for events beyond the party's control, such as wars and acts of God such as earthquakes, floods, fires, etc.

25 Settlement of Disputes

The Purchaser and the Supplier/Contractor shall make every effort to resolve amicably by direct negotiations any disagreement or dispute arising between them under or in connection with the Contract. In case of further disagreement, either party can take the matter to arbitration in accordance with the Law governing the Contract.

26 Suspension of Loan, Credit, Grant, or Appropriation

In the event that the Funding Source suspends the Loan, Credit, Grant, or Appropriation to the Purchaser, from which part of the payments to the Contractor are being made:

- 26.1 The Purchaser is obligated to notify the Supplier/Contractor of such suspension within seven (7) days of having received the suspension notice.

27 Bill of Quantities

27.1 The Bill of Quantities shall contain items of delivery schedule to be done by the Contractor.

27.2 The Bill of Quantities is used to calculate the Contract Price. The Supplier/Contractor is paid for the quantity of the delivery done at the rate in the Bill of Quantities for each item.

27.3 If the final quantity of any delivery done differs from the quantity in the Bill of Quantities for the particular item and is not more than twenty-five percent (25%) of the original quantity, provided the aggregate changes for all items do not exceed ten percent (10%) of the Contract price, the Purchaser's Representative shall make the necessary adjustments to allow for the changes subject to applicable laws, rules, and regulations.

27.4 If requested by the Purchaser's Representative, the Supplier/Contractor shall provide the Purchaser's Representative with a detailed cost breakdown of any rate in the Bill of Quantities.

28 Instructions, Inspections and Audits

28.1 The Purchaser's personnel shall at all reasonable times during delivery be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of the delivery.

28.2 If the Purchaser's Representative instructs the Supplier/Contractor to carry out a test not specified in the Specification to check whether any goods/material has a defect and the test shows that it does, the Supplier/Contractor shall pay for the test and any samples. If there is no defect, the test shall be a Compensation Event.

28.3 The Supplier/Contractor shall permit the Funding Source named in the **SCC** to inspect the Supplier/Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

29 Identifying Defects

29.1 The Purchaser's Representative shall check the Supplier/Contractor's delivery and notify the Supplier/Contractor of any defects that are found. Such checking shall not affect the Supplier/Contractor's responsibilities. The Purchaser's Representative may instruct the Contractor to search uncover defects and test any goods/material that the Purchaser's Representative considers below standards and defective.

30 Cost of Replacement

30.1 Loss or damage to the goods/materials to be incorporated in the Supply and Delivery of Goods between the Start Date and the end of the Defects Liability Periods shall be remedied

by the Supplier/Contractor at the Supplier/Contractor's cost if the loss or damage arises from the Supplier/Contractor's acts or omissions.

31 Correction of Defects

31.1 The Purchaser's Representative shall give notice to the Supplier/Contractor of any defects before the end of the Defects Liability Period, which is One (1) year from project completion up to final acceptance by the Purchaser's Representative.

31.2 Every time notice of a defective material or equipment is given, the Supplier/Contractor shall make the replacement of the notified defect within the length of time specified in the Purchaser's Representative's notice.

31.3 The Supplier/Contractor shall make the necessary replacement for any defective or non-compliant equipment or materials which he discovers himself before the end of the Defects Liability Period.

31.4 The Purchaser shall certify that all defective materials/equipment have been corrected/replaced..

32 Uncorrected Defects

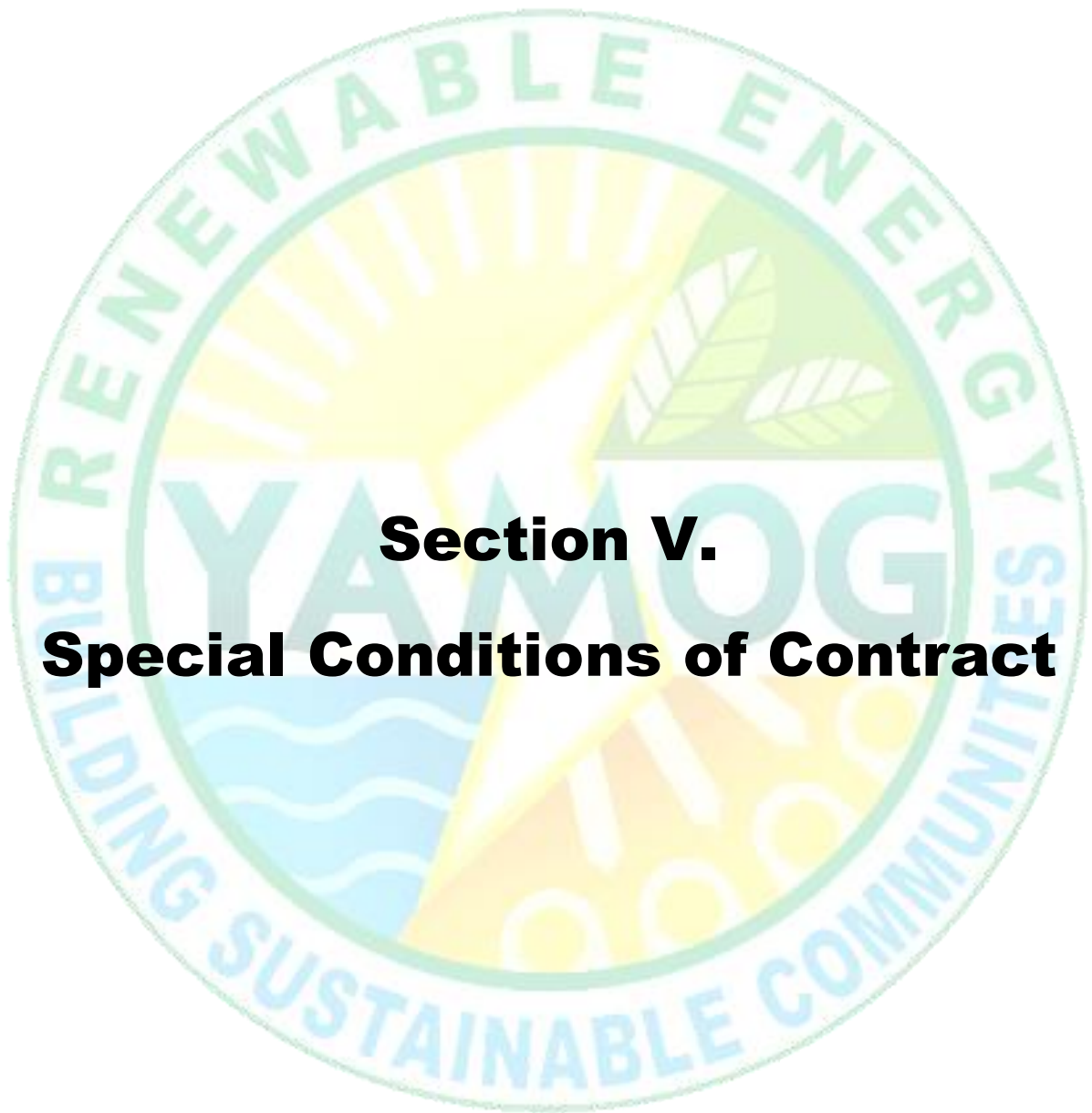
32.1 The Purchaser shall give the Supplier/Contractor at least fourteen (14) days' notice of his intention to use a third party to correct a Defect. If the Supplier/Contractor does not correct the Defect himself within the period, the Purchaser may have the Defect corrected by the third party. The cost of the correction will be deducted from the Contract Price.

32.2 The use of a third party to correct defects that are uncorrected by the Supplier/Contractor will in no way relieve the Supplier/Contractor of its liabilities and warranties under the Contract.

33 Scope of Contract

33.1 The Goods/Materials and Related Services to be provided shall be as specified in BDS.

33.2 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. Any additional requirements for the completion of this Contract shall be provided in the **SCC**.



Section V.

Special Conditions of Contract

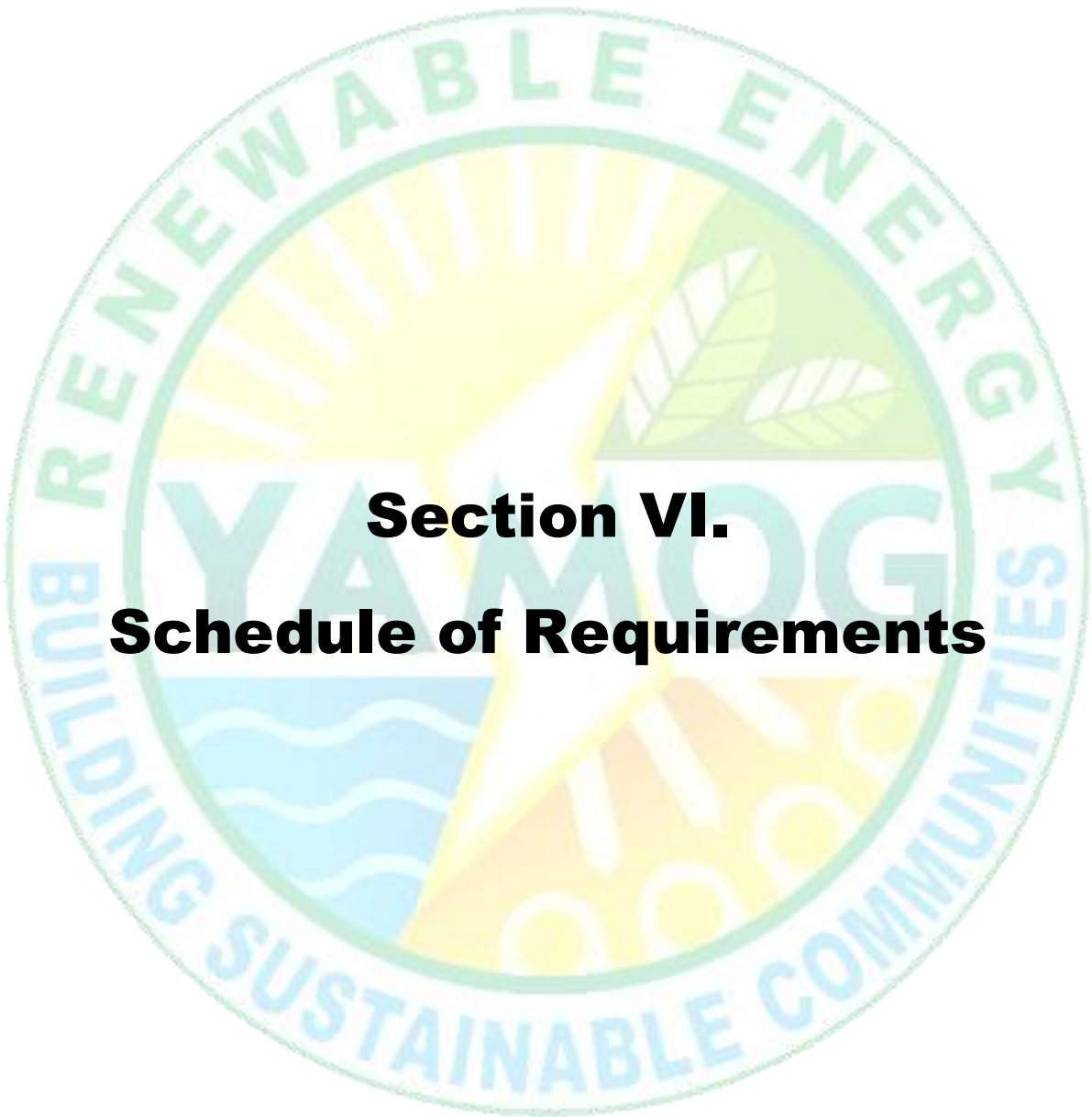
Special Conditions of Contract

GCC Clause	
1.1	<p>The Purchaser is</p> <p>Yamog Renewable Energy Development Group, Inc. (082) 228 5685 yamoginc@gmail.com</p>
1.2	<p>The Purchaser’s Representative is</p> <p>GLENN PAUL R. YLAN Chairperson, Bids and Awards Committee Deputy Project Manager for Operations Yamog Renewable Energy Development Group, Inc. yamoginc@gmail.com</p>
1.17	<p>The Intended Completion Date is 45 Calendar days</p>
1.21	<p>The Sites are defined in Annex A</p>
1.25	<p>The Start Date is <u>seven (7) days upon receipt of Notice to Proceed.</u></p> <p><i>NOTE: The start date shall be the date of receipt of the Notice to Proceed.</i></p>
6.4	<p>The Performance Security shall include the defects liability in accordance herein GCC reference Clause 18. However, the release of the Performance Security shall reckon from the issuance of Certificate of Final Completion until the issuance of Project Certificate of Final Acceptance.</p> <p>If the Bidder is awarded the Contract, it shall post a Performance Security in any of the acceptable forms with bond expiration inclusive of the one year defects liability period.</p>
18.4	<p>The period for correction of defects (replacement of defective and non-compliant equipment and materials) is <i>[30 days]</i>.</p>
19	<p>All partners to the joint venture shall be jointly and severally liable to the Purchaser.</p>
21.4	<p>No further instructions.</p>
22	<p>If the Contractor is a joint venture, “All partners to the joint venture shall be jointly and severally liable to the Purchaser.”</p>
36.3	<p>The Funding Source is the European Union</p>
41.2	<p>Delivery and Documents –</p> <p>The delivery terms applicable to this Contract are delivered to the Project Site or the nearest accessible place to the micro hydropower (MHP) site [place of destination shall be coordinated with Purchaser]. Risk and title will pass from the Supplier to the Purchaser upon receipt and final acceptance of the Goods at their final destination.</p>

	<p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p> <p>Upon delivery of the Goods to the Project Site/designated place of destination, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:</p> <ul style="list-style-type: none">(i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;(ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt;(iii) Original Supplier's factory inspection report;(iv) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;(v) Original and four copies of the certificate of origin (for imported Goods);(vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;(vii) Certificate of Acceptance/Inspection Report signed by the Purchaser's representative at the Project Site; and(viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site. <p>For purposes of this Clause the Purchaser's Team Representative/s at the Project Site shall be the Area SatelliteTeam Leader, Area Engineer and the Community Organizer.</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p>Select appropriate requirements and delete the rest.</p> <ul style="list-style-type: none">(a) performance or supervision of on-site delivery and/or coordinated inventory/inspection of the supplied Goods;(b) availability of vehicle, equipment and tools required for delivery and/or handling of the supplied Goods to the agreed designated place of destination and attendant manpower;(c) furnishing of a detailed operations and maintenance manual, if any for each appropriate unit of the supplied Goods;(d) performance or supervision and/or replacement of the damaged Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty
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	<p>obligations under this Contract; and</p> <p>(e) orientation or training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods, if necessary.</p> <p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>Packaging –</p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the GOODS’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The segregation of the component equipment and materials into : the <u>transmission & Distribution Lines & Posts</u>, <u>Household Wiring</u> and <u>Powerhouse</u> shall be accordingly arranged and distinctly marked to avoid confusion during delivery which shall be made in two deliveries at different schedules, tentatively a month apart.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.</p> <p>The Purchaser accepts no liability for the damage of Goods during transit. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Purchaser until their receipt and final acceptance at the final destination.</p> <p>The Purchaser reserves the right to request staggered delivery in two installments (Transmission & Distributions Lines & Posts materials AND Household Wiring materials– First delivery)and (Powerhouse Materials – 2nd Delivery)</p> <p>Patent Rights –</p> <p>The Supplier shall indemnify the Purchaser against all third party claims of infringement of patent, trademark, or industrial design rights</p>
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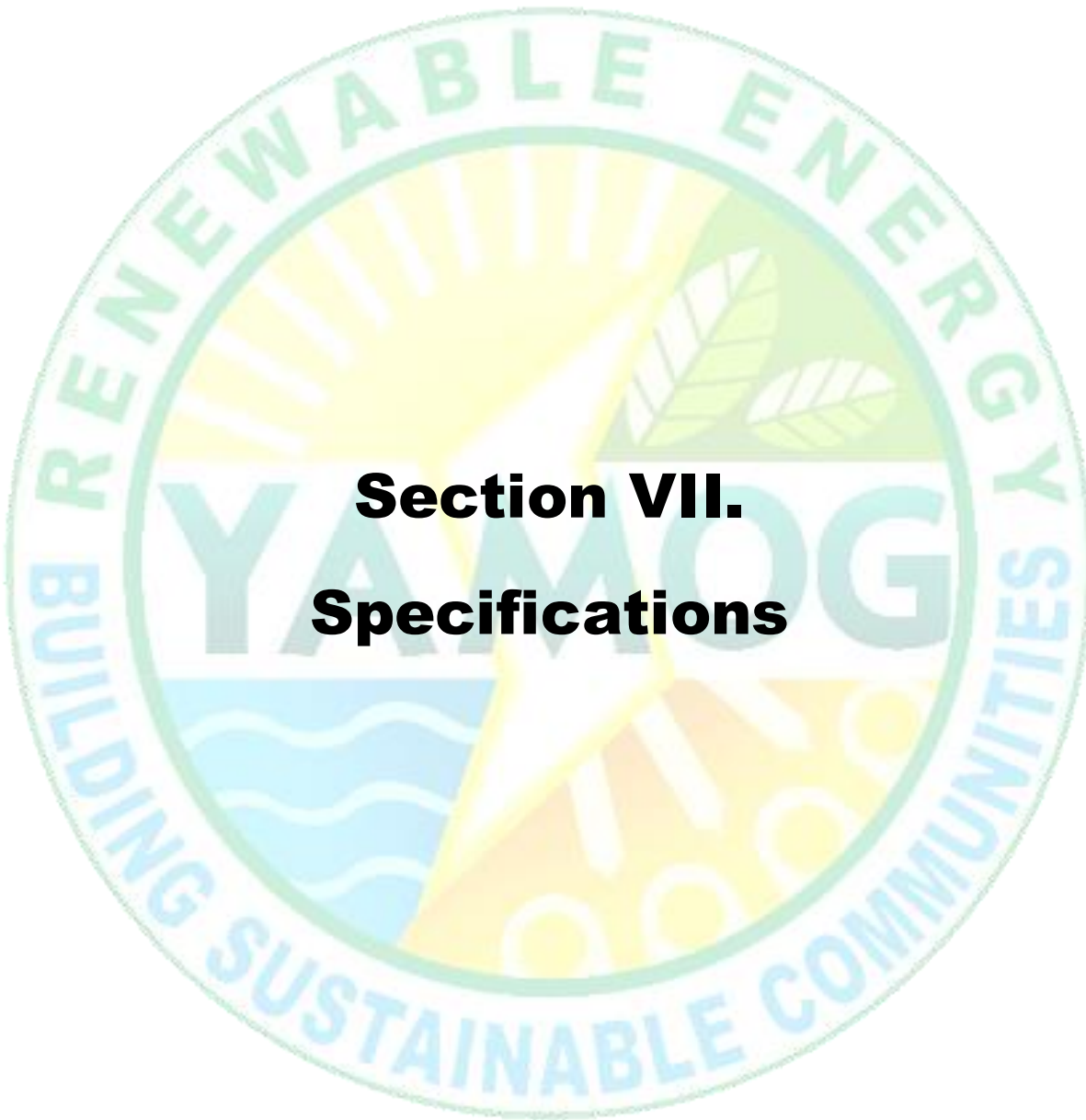
	arising from use of the Goods or any part thereof.
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Section VI.
Schedule of Requirements

The delivery schedule expressed as days/weeks stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Quantity	Total	Delivered, Days/Weeks
LOT 1				
1	Delivery of Transmission & Distribution Lines & Posts Materials AND Household Wiring Materials to Sitio Lower Tagasan, Brgy. Gupitan, Kapalong, Davao del Norte	Refer to <u>BDS 1.b</u>	Refer to <u>BDS 1.b</u>	15 days from receipt of Purchase Order
	Delivery of Powerhouse Materials			30 days after the first Delivery or upon request
2	Delivery of Transmission & Distribution Lines & Posts Materials toSitio San Malbino, Brgy. Lapuan, Don Marcelino, Davao Occidental	Refer to <u>BDS 1.b</u>	Refer to <u>BDS 1.b</u>	22 days from receipt of Purchase Order
	Delivery of Powerhouse Materials			30 days after the first Delivery or upon request
3	Delivery of Transmission & Distribution Lines & Posts Materials toSitioCamansi, Brgy. West Lamidan, Don Marcelino, Davao Occidental	Refer to <u>BDS 1.b</u>	Refer to <u>BDS 1.b</u>	22 days from receipt of Purchase Order
	Delivery of Powerhouse Materials			30 days after the first Delivery or upon request
LOT 2				
4	Delivery of Transmission & Distribution Lines & Posts Materials toBrgy. Ramitan and Mapantao, Picong, Lanao del Sur	Refer to <u>BDS 1.b</u>	Refer to <u>BDS 1.b</u>	36 days from receipt of Purchase Order
	Delivery of Powerhouse Materials			30 days after the first Delivery or upon request
5	Delivery of Transmission & Distribution Lines & Posts Materials to SitioTinanan, Brgy. Ganatan, Arakan, North Cotabato	Refer to <u>BDS 1.b</u>	Refer to <u>BDS 1.b</u>	43 days from receipt of Purchase Order
	Delivery of Powerhouse Materials			30 days after the first Delivery or upon request



Section VII.
Specifications

Technical Specifications of The Various Electrical Equipment and Materials (For the Installation of Transmission and Distribution Lines, Household Wiring and Powerhouse) of Five (5) Micro Hydropower Systems

The following section defines the Technical Specifications and Standards that are required for the installation and supervision of Goods (MHP) and Related Services, as provided by the Supplier.

The section aims to provide a strong guidance in forming the required package while also providing some flexibility by defining output-based specifications.

DEFINITION OF TERMS

ACSR Wire

- **Aluminum conductor steel-reinforced cable (ACSR)** is a type of high-capacity, high-strength stranded conductor typically used in overhead power lines. The outer strands are high-purity aluminium, chosen for its good conductivity, low weight and low cost. The center strand is steel for additional strength to help support the weight of the conductor. Steel is higher strength than aluminium which allows for increased mechanical tension to be applied on the conductor. Steel also has lower elastic and inelastic deformation (permanent elongation) due to mechanical loading (e.g. wind and ice) as well as a lower coefficient of thermal expansion under current loading. These properties allow ACSR to sag significantly less than all-aluminium conductors.

Anchor

- a device usually of metal attached to the pole by a cable and cast overboard to hold it in a particular place by means of a fluke that digs into the soil

Anchor Rod

- also referred to as anchor bolts or foundation bolts.
- are threaded fasteners embedded in concrete foundations with the purpose of supporting light poles, traffic signal poles, structural steel columns, highway sign structures, steel towers, industrial equipment, and many other structures. Anchor rods can be cast-in-place or post-installed in an existing concrete slab.

Anchor Shackle

- a shackle to secure a chain to the ring of an anchor. Also used for coupling lengths of chain-cable.

Angle Bar

- An **angle bar** is a steel material which is an **angle** shape with inside radius corners that is ideal for all structural applications.

Angle Thimble Bolt

- Used for attaching guys and deadends to poles and crossarms, furnished with one square nut, ends have cone points. Angle Thimble bolts eliminate the need for thimbles, shackles, links and guy hooks.

Bracket

- used to support the crossarm from the pole.

Carriage Bolt

- a type of **bolt** specialized for use in woodworking, in particular, fastening metal to wood. **Carriage bolts** are designed with a domed head, which can prevent loosening from one side, an enlarged head shape also prevents the **bolt** from being pulled through a wooden construction.

Compression Connector

- are connectors which are “attached” to conductors with the use of compression tools and dies. Other attachment options are solder, mechanical capture, and pin-connection.

Crossarm

- an arm fastened at right angles to an upright (as the horizontal member of a cross or a traverse on a pole)
- are connected with the insulator by insulator pin, and the insulator connects with the wire to realize the power delivery.

Dead End Loop Clamp

- used for ending overhead lines to poles or walls. The **clamp** is made of aluminum and steel parts are hot-dip galvanized.

Distribution Lines

- lines of cable that carries low voltage range.

Distribution Posts

- posts that carries low voltage range lines.

Double Arming Bolt

- also called double threaded bolt or double ended bolt.
- are widely used on pole line and cross arm construction. As all thread bolts go through the pole, the two ends of the double arming bolt will be locked and secured by nut and washer. At the same time, one end of the double arming bolt will connect with eye nut for dead end application. The double arming bolt will secure the space between the two cross arms and fasten the two cross arm tightly. This way, the cross arms are supported on the pole firmly together with the cross arm brace assembly.

Eye Bolt

- is a bolt with a loop at one end. They are used to firmly attach a securing eye to a structure, so that ropes or cables may then be tied to it.

Eye Nut

- are fasteners with a looped head. They are designed to receive a hook or rope. Eye nuts are rated for different types of applications and are oval or round in shape.

Flat Brace

- have a function of supporting the electrical crossarm and make the power pole crossarm firm.

G.I. Pipe

- are generally used for distribution of treated or raw water in rural or urban areas. These pipes are cheaper, light weight and easy to handle.

Guy Wire

- is a tensioned cable designed to add stability to a free-standing structure. They are used commonly in ship masts, radio masts, wind turbines, utility poles, fire service extension ladders used in church raises and tents.

Hot Line Clamp

- for mechanically and electrically connecting electrical lines together.
- the purpose of such a fixture is to make a tap connection from the hot line to a transformer or other piece of equipment located at a distance from the transmission.

Lightning Arrester and Open Link Fuse Cutout

- A lightning arrester is a device used on electric power systems and telecommunication systems to protect the insulation and conductors of the system from the damaging effects of lightning. A **fuse cutout** or **cut-out fuse** is a combination of a fuse and a switch, used in primary overhead feeder lines and taps to protect distribution transformers from current surges and overloads.

Locknut

- a nut screwed down on another to keep it tight. A nut designed so that, once tightened, it cannot be accidentally loosened.

Machine Bolt

- a metal rod with a usually square or hexagonal wrench head at one end and threads at the other that is commonly available in a size range of from 1/4 inch to 3 inches in diameter.

Pin Type Insulator

- a device that isolates a wire from a physical support such as a pin on a telegraph or utility pole. It is a formed, single layer shape that is made out of a non-conducting material, usually porcelain or glass.

Pole Clamp

- are designed to adapt to circular and octagonal concrete steel pole. Alternately can be adapted to wood poles at the end user option. Used for attaching extension arm, aerial cable attachment on straight run, attaching cable on corner run, down guying or dead-end guying application.

Pole Top Pin

- a device that isolates a wire from a physical support such as a pin (a wooden or metal dowel of about 3 cm diameter with screw threads) on a telegraph or utility pole.

Pre-formed Guy Grip

- is intended for use on single wood poles associated with distribution construction. They are made of the same material as the strand to which they are applied and are rated at 100% of the strand's published rated breaking strength.

Primary Jumper

- used to interconnect the components of Primary wire from the other wire

Secondary Jumper

- used to interconnect the components of Secondary wire from the other wire

Split Bolt Connector

- used to mechanically join two or more wires together.

Spool Insulator

- is made from porcelain. Spool insulator is usually used in low voltage distribution network, both the horizontal or vertical positions.

Spool Rack

- Spool Rack is one type of spool insulator cable support.

Square Washer

- a thin plate (typically disk-shaped, but sometimes square) with a hole (typically in the middle) that is normally used to distribute the load of a threaded fastener, such as a bolt or nut.
- to prevent the loss of pre-load due to brinelling after the torque is applied.

Suspension Insulator

- separates the line conductors and supports them electrically. It consists the number of porcelain insulator units connected with each other by metal links to form a flexible string. The conductor is connected at the bottom of the string.

Steel Post

- is a column or post used to support overhead power lines and various other public utilities, such as electrical cable, fiber optic cable, and related equipment such as transformers and street lights. It can be referred to as a transmission pole, telephone pole, telecommunication pole, power pole, hydro pole,^[1] telegraph pole, or telegraph post, depending on its application.

Strain/Dead End Clamp

- used to fix conductors and ground wires to insulators or link fittings to tower arms and substation structures.
- used for ending overhead lines to poles or walls. The **clamp** is made of aluminum and steel parts are hot-dip galvanized. For distribution and light transmission construction with all aluminum, ACSR or aluminum alloy conductor. These clamps have high holding power and large range taking ability. (Straight Contoured Groove)

Thimble Eye Nut

- are designed to develop strength ratings consistent with the bolts with which they are used. Thimble eye nuts are used for span, head and stub guying.

Tie Wire

- is a soft metal wire commonly 16 gauge used during various stages of construction to secure different construction materials together.

Transformer

- a machine that step ups/step downs voltage for transmission and distribution.

Transmission Lines

- lines of cable that carries medium voltage range.

Transmission Posts

- posts that carries medium voltage range lines.

Voltage Classification (IEC 60038)

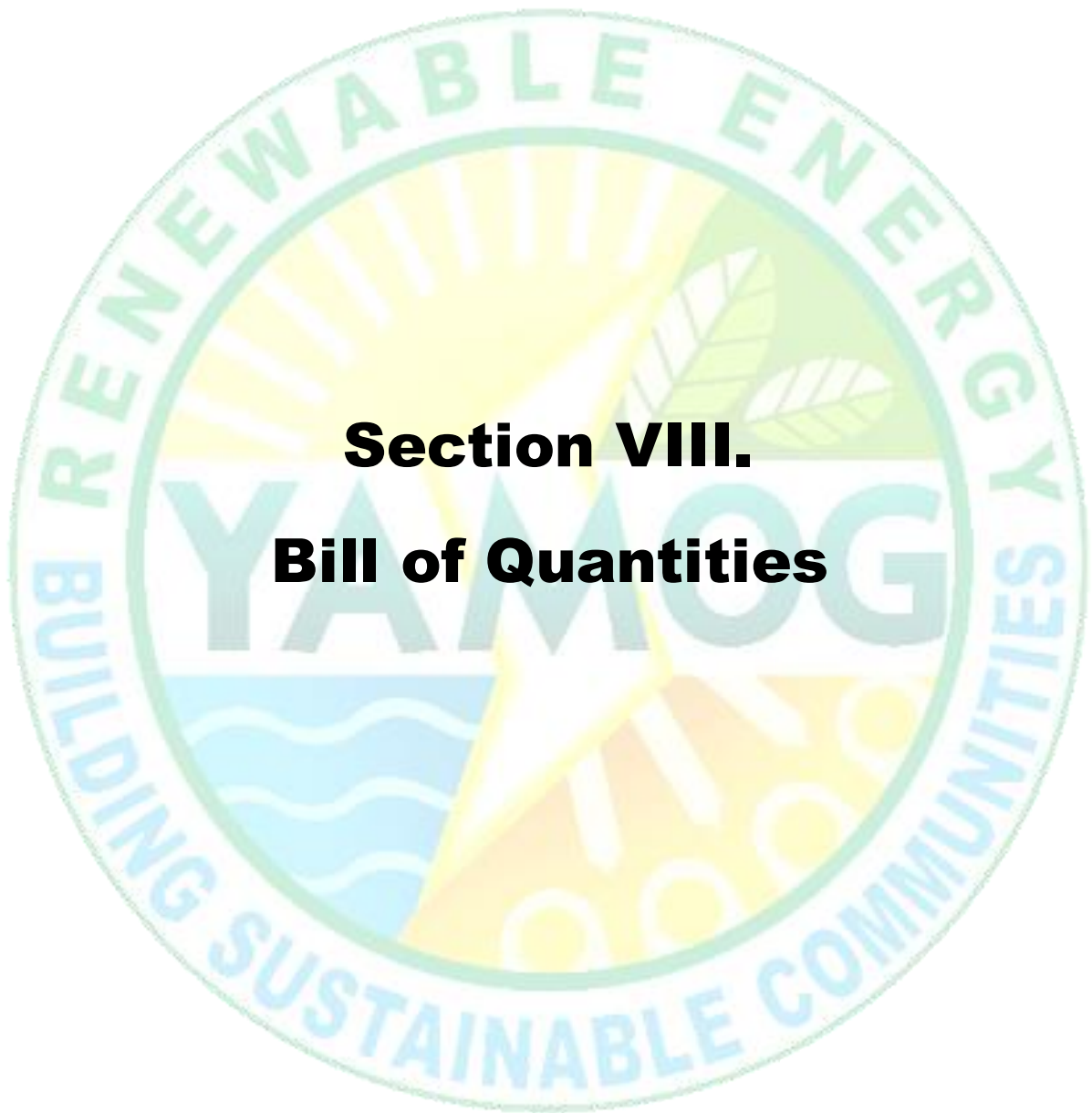
- | | |
|--------------------|------------------|
| Low Voltage | - upto 1000V |
| Medium Voltage | - 1000V to 35kV |
| High Voltage | - 35kV to 230 kV |
| Extra High Voltage | - above 230 kV |

REFERENCES

-<https://www.merriam-webster.com/>

-<https://en.wikipedia.org/>

-<https://www.electrotechnik.net/2011/03/voltage-classification-lv-mv-and-ehv.html>



Section VIII.

Bill of Quantities



EU- ACCESS TO SUSTAINABLE ENERGY PROGRAMME (ASEP)

“Improving the Lives of People in Off-Grid Communities in Mindanao Through the Provision of Sustainable Energy”



This Project is funded by the European Union (EU) and
Implemented by Yamog Renewable Energy Development Group, Inc.

Name of the Project: SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS (FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE) OF FIVE (5) MICRO HYDROPOWER SYSTEMS

BILL OF QUANTITIES

Lot1

Transmission/Distribution Lines & Posts Materials

Materials	Quantity	Unit	Unit Price	Total
25' Steel Post	27	length/s		
3" dia., S-40, 20' G.I. Pipe	58	length/s		
55-5 Pin Type Insulator	45	pc/s		
20" Pole Top Pin	35	pc/s		
5/8" x 6" Machine Bolt	90	pc/s		
5/8" x 8" Machine Bolt	40	pc/s		
5/8" x 12" Machine Bolt	31	pc/s		
1/2" x 2" Machine Bolt	15	pc/s		
1/2" x 4" Machine Bolt	111	pc/s		
1/2" x 6" Machine Bolt	17	pc/s		
1/2" x 8" Machine Bolt	70	pc/s		
2X2 - 11/16" hole Square Washer	230	pc/s		
2X2 - 13/16" hole Square Washer	313	pc/s		
Crossarm Steel Pin	14	pc/s		
Steel Square Tube (2"x4"x20'), S-40	8	length/s		
3/8" x 4 1/2" Carriage Bolt	17	pc/s		
6" Suspension Insulator	30	pc/s		
#4 Strain/Dead End Clamp	25	pc/s		
Dead End Loop Clamp	50	pc/s		
5/8" x 12" Double Arming Bolt	15	pc/s		
5/8" x 14" Double Arming Bolt	10	pc/s		
5/8" x 8" Eye Bolt	22	pc/s		
5/8" x 12" Eye Bolt	15	pc/s		
parallel groove #2 - #2 Compression Connector	10	pc/s		
parallel groove #4 - #4 Compression Connector	96	pc/s		
parallel groove #6 - #6 Compression Connector	10	pc/s		
#4 Split Bolt Connector	35	pc/s		
#6 Split Bolt Connector	21	pc/s		
3/8" Pre-formed Guy Grip	149	pc/s		
5/8" x 7' Thimble Eye Anchor Rod	102	length/s		
4 way Expanding Type Anchor	87	unit/s		
5/8" eyenut	15	pc/s		
Lightning Arrester and Fuse Cut-out Set	14	set/s		
#4 Hotline Camp	18	pc/s		

#4 ACSR Primary Jumper	20	meter/s		
#4 AAC Secondary Jumper	10	meter/s		
1 1/4" x 1 1/4" x 28" Flat Brace	30	unit/s		
1/4" x 1 1/2" X 4.0 x 4' Angle Bar	12	length/s		
1/4" x 1 1/2" X 4.0 x 6' Angle Bar	12	length/s		
5/8" One Bolt Clamp	60	pc/s		
5/8" x 10" Angle Thimble Bolt	56	pc/s		
5/8" Thimble Eye Nut	58	pc/s		
Aluminum Non Insulated Tie Wire	105	meter/s		
Aluminum Insulated Tie Wire	85	meter/s		
3/8" Guy Wire	420	meter/s		
5" - 6" Pole Clamp	40	unit/s		
5/8" Locknut	75	pc/s		
L Bracket Cut-out Assembly	12	set/s		
10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	14	unit/s		
Ground Rod Clamp	8	pc/s		
5/8X6 Ground Rod	10	length/s		
Suspension clamp	10	pc/s		
22 mm2 Bare ACSR	9315	meter/s		
14 mm2 Poly ACSR	6993	meter/s		
Strain Clamp	5	pc/s		

Powerhouse Wiring Materials

Materials	Quantity	Unit	Unit Price	Total
8.0 mm ² THHN Wire	3	roll/s		
22 mm ² THHN Cable	3	roll/s		
3.5 mm ² THHN Wire	3	roll/s		
Electrical Tape	30	roll/s		
Rubber Tape	15	roll/s		
3-gang recessed type switch	3	set/s		
3-gang recessed type outlet	3	set/s		
PVC Junction Box	9	pc/s		
24" x 10" x 4" pull box	3	unit/s		
5W LED bulb	12	pc/s		
PVC utility box	6	pc/s		
2" PVC receptacle	12	pc/s		
2" diam PVC pipe	21	length		
2" diam PVC elbow	18	pc/s		
2" diam. PVC pipe adaptor w/ locknut	21	pc/s		
2" diam. entrance cap	3	pc/s		
1" diam. moldflex pipe	15	mtr/s		
8.0 mm ² terminal eye	48	pc/s		
22 mm ² terminal lug	42	pc/s		

Household Wiring Materials

Material Description	Quantity	Unit	Unit Price	Total
Service Drop Wire #10	11360	mtr/s		
Screw Insulator #2	364	pc/s		
Entrance Cap 1/2"	364	pc/s		
PVC Elbow 1/2"	728	pc/s		
Moldflex Pipe 1/2"	1092	mtr/s		
TW 5.5mm ² Stranded	3640	mtr/s		
PVC Pipe 1/2"	183	length/s		

PVC Adapter with Locknut 1/2"	364	pc/s		
Digital kWh Meter	364	unit/s		
Gypsum Screw 1"	5460	pc/s		
Molded Case Circuit Breaker, 2P, Bolt-on, 15A	364	unit/s		
Circuit Breaker Plastic Enclosure	364	pc/s		
PDX Wire #14	7280	mtr/s		
PVC Clamp 1/2"	3640	pc/s		
Staple Wire 1"	364	box/es		
PVC Junction Box with Cover	1092	pc/s		
PVC Receptacle 2"	1092	pc/s		
7W LED Bulb	1092	pc/s		
Surface Type Switch	1092	pc/s		
3-Gang Surface Type Outlet	364	pc/s		
Small Electrical Tape	364	roll/s		

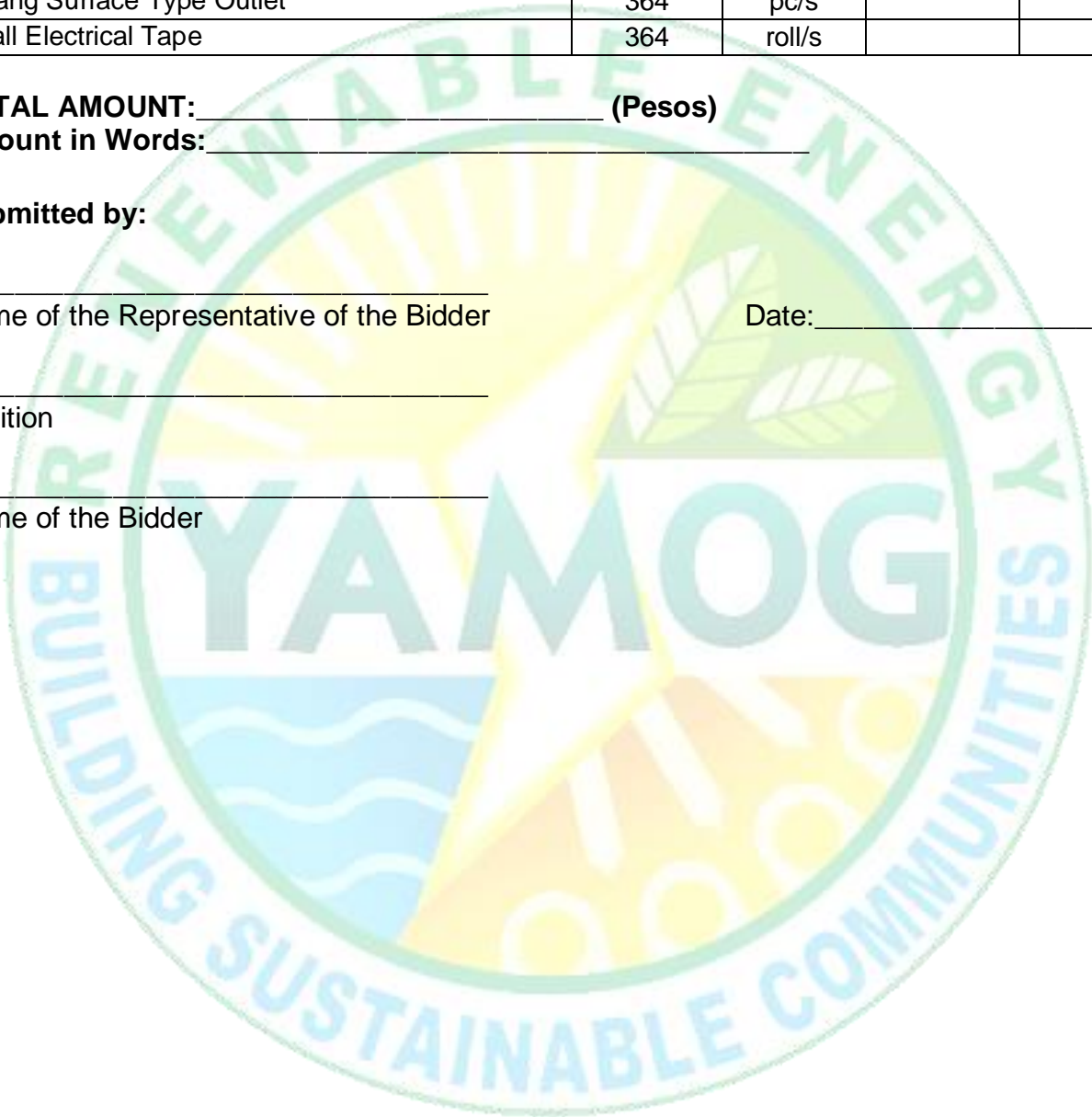
TOTAL AMOUNT: _____ **(Pesos)**
Amount in Words: _____

Submitted by:

Name of the Representative of the Bidder Date: _____

Position

Name of the Bidder



Lot2

Transmission/Distribution Lines & Posts Materials

Materials	Quantity	Unit	Unit Price	Total
25' Steel Post	72	length/s		
4" dia., S-40, 20' G.I. Pipe	10	length/s		
3" dia., S-40, 20' G.I. Pipe	83	length/s		
55-5 Pin Type Insulator	225	pc/s		
20" Pole Top Pin	102	pc/s		
5/8" x 6" Machine Bolt	105	pc/s		
5/8" x 8" Machine Bolt	45	pc/s		
5/8" x 10" Machine Bolt	20	pc/s		
5/8" x 12" Machine Bolt	40	pc/s		
1/2" x 4" Machine Bolt	247	pc/s		
1/2" x 6" Machine Bolt	55	pc/s		
1/2" x 8" Machine Bolt	252	pc/s		
2X2 - 11/16" hole Square Washer	634	pc/s		
2X2 - 13/16" hole Square Washer	859	pc/s		
Crossarm Steel Pin	178	pc/s		
Steel Square Tube (2"x4"x20'), S-40	33	length/s		
3/8" x 4 1/2" Carriage Bolt	60	pc/s		
6" Suspension Insulator	90	pc/s		
#4 Strain/Dead End Clamp	50	pc/s		
Dead End Loop Clamp	70	pc/s		
5/8" x 12" Double Arming Bolt	76	pc/s		
5/8" x 14" Double Arming Bolt	40	pc/s		
5/8" x 8" Eye Bolt	17	pc/s		
5/8" x 12" Eye Bolt	10	pc/s		
parallel groove #4 - #4 Compression Connector	203	pc/s		
parallel groove #6 - #6 Compression Connector	12	pc/s		
#6 Split Bolt Connector	62	pc/s		
3/8" Pre-formed Guy Grip	250	pc/s		
5/8" x 7' Thimble Eye Anchor Rod	127	length/s		
4 way Expanding Type Anchor	127	unit/s		
5/8" eyenut	30	pc/s		
Ligtning Arrester and Fuse Cut-out Set	12	set/s		
#4 Hotline Camp	14	pc/s		
#4 ACSR Primary Jumper	193	meter/s		
#4 AAC Secondary Jumper	10	meter/s		
#6 AAC Secondary Jumper	10	meter/s		
1 1/4" x 1 1/4" x 28" Flat Brace	65	unit/s		
1/4" x 1 1/2" X 4.0 x 4' Angle Bar	66	length/s		
1/4" x 1 1/2" X 4.0 x 6' Angle Bar	66	length/s		
5/8" One Bolt Clamp	145	pc/s		
5/8" x 10" Angle Thimble Bolt	70	pc/s		
5/8" Thimble Eye Nut	80	pc/s		
Aluminum Non Insulated Tie Wire	225	meter/s		
Aluminum Insulated Tie Wire	160	meter/s		
3/8" Guy Wire	725	meter/s		
5" - 6" Pole Clamp	75	unit/s		
L Bracket Cut-out Assembly	2	set/s		
10 kVA Single Phase Transformer; 120 V/240 V; 7,620 V/13,200 V; 60 Hz; same polarity	12	unit/s		
Ground Rod Clamp	10	pc/s		
5/8X"6 Ground Rod	14	length/s		
22 mm2 Bare ACSR	40015	meter/s		
14 mm2 Poly ACSR	14267	meter/s		

Powerhouse Wiring Materials

Materials	Quantity	Unit	Unit Price	Total
8.0 mm ² THHN Wire	2	roll/s		
22 mm ² THHN Cable	2	roll/s		
3.5 mm ² THHN Wire	2	roll/s		
Electrical Tape	20	roll/s		
Rubber Tape	10	roll/s		
3-gang recessed type switch	2	set/s		
3-gang recessed type outlet	2	set/s		
PVC Junction Box	6	pc/s		
24" x 10" x 4" pull box	2	unit/s		
5W LED bulb	8	pc/s		
PVC utility box	4	pc/s		
2" PVC receptacle	8	pc/s		
2" diam PVC pipe	14	length		
2" diam PVC elbow	12	pc/s		
2" diam. PVC pipe adaptor w/ locknut	14	pc/s		
2" diam. entrance cap	2	pc/s		
1" diam. moldflex pipe	10	mtr/s		
8.0 mm ² terminal eye	32	pc/s		
22 mm ² terminal lug	28	pc/s		

Household Wiring Materials

Material Description	Quantity	Unit	Unit Price	Total
Service Drop Wire #10	24600	mtr/s		
Screw Insulator #2	492	pc/s		
Entrance Cap 1/2"	492	pc/s		
PVC Elbow 1/2"	984	pc/s		
Moldflex Pipe 1/2"	1476	mtr/s		
TW 5.5mm ² Stranded	4920	mtr/s		
PVC Pipe 1/2"	246	length/s		
PVC Adapter with Locknut 1/2"	492	pc/s		
Digital kWh Meter	492	unit/s		
Gypsum Screw 1"	7380	pc/s		
Molded Case Circuit Breaker, 2P, Bolt-on, 15A	492	unit/s		
Circuit Breaker Plastic Enclosure	492	pc/s		
PDX Wire #14	9840	mtr/s		
PVC Clamp 1/2"	4920	pc/s		
Staple Wire 1"	492	box/es		
PVC Junction Box with Cover	1476	pc/s		
PVC Receptacle 2"	1476	pc/s		
7W LED Bulb	1476	pc/s		
Surface Type Switch	1476	pc/s		
3-Gang Surface Type Outlet	492	pc/s		
Small Electrical Tape	492	roll/s		

TOTAL AMOUNT:_____ (Pesos)

Amount in Words:_____

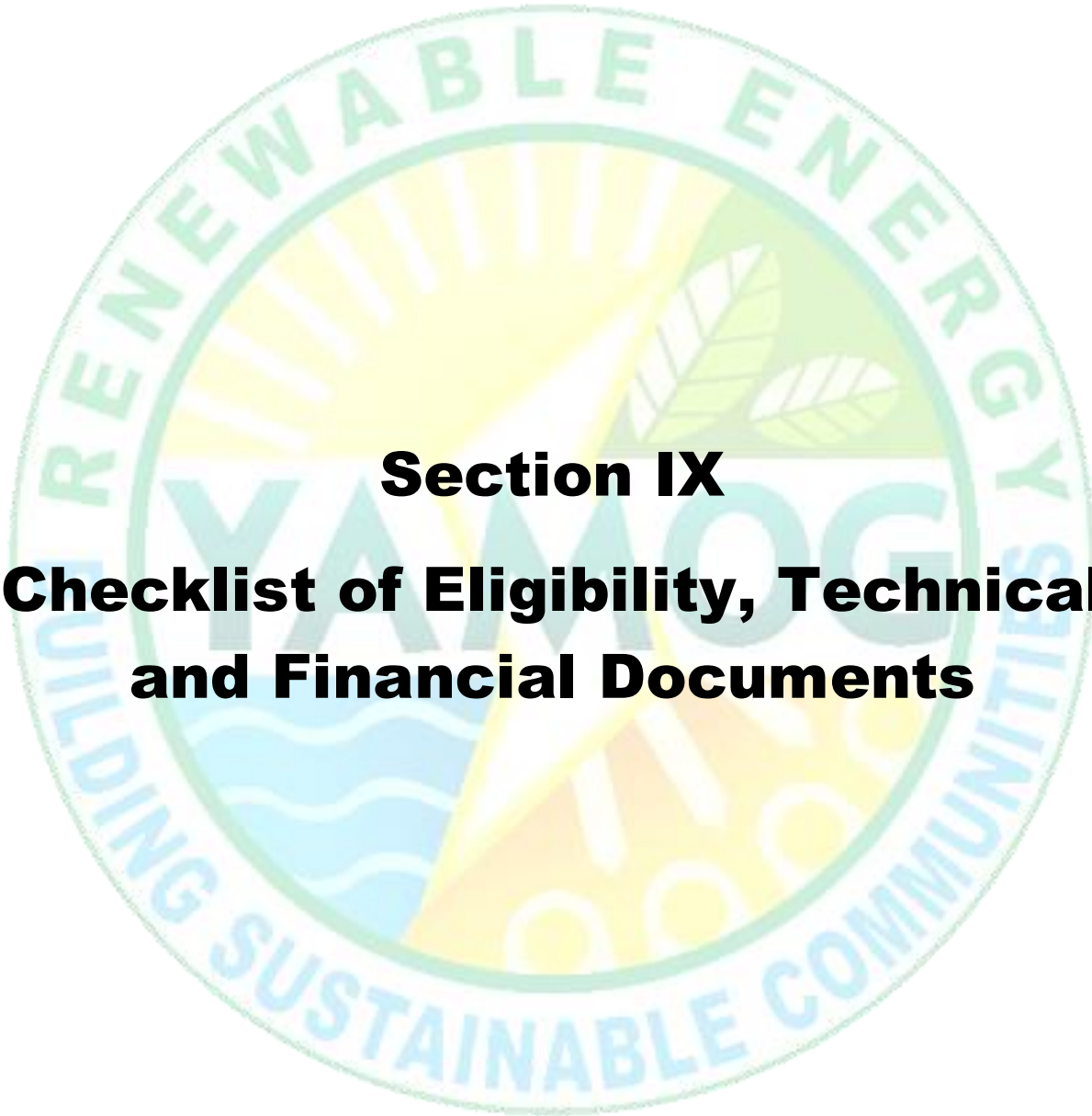
Submitted by:

Name of the Representative of the Bidder

Date:

Position

Name of the Bidder



Section IX
Checklist of Eligibility, Technical
and Financial Documents

**SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL EQUIPMENT AND MATERIALS
(FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION
LINES AND POSTS, HOUSEHOLD WIRING AND POWERHOUSE)
OF FIVE (5) MICRO HYDROPOWER SYSTEMS
BID Reference No. EU-ASEP Yamog/008-MHP-EW**

FOR: LOT NO. _____

TRANSMITTAL FORM
CHECKLIST OF REQUIREMENTS FOR BIDDERS
Note: Please fill out this form and submit directly to the BAC Secretariat outside of the
Sealed envelopes. This shall also apply to online submission.

SPACE FOR YAMOG STAMP (OFFICIAL TIME:)

RECEIVED: _____

Name of Bidder: _____
Complete Address: _____
Submitted by: _____
Landline No. _____ Email: _____

FIRST ENVELOPE:	
ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)	
I-	ELIGIBILITY DOCUMENTS
A.	Legal
1.	Department of Trade and Industry (DTI) Certification of Business Name registration in the case of <i>Single Proprietorships</i> ; or Security and Exchange Commission (SEC) registration certificate, in the case of <i>Partnerships or Corporations</i> ; or CDA Registration, in the case of <i>cooperatives</i> ;
2.	Valid and current Business/Mayor’s permit/municipal license from the bidders’ principal place of business.
B.	Technical
1.	Company/Business Profile with at least 3 years relevant experience/track record evidencing the capability to provide and efficiently facilitate delivery of subject goods being procured
2.	Statement of all on-going government and private contracts, including contracts awarded but not yet started. Note: For Bidders who have no ongoing contracts, kindly indicate in their statement “NONE” to comply with the requirement. Bidders will be rated “failed” if no document is submitted ofr if the document submitted is incomplete.
3.	Statement of all completed government and private contracts for the past three (3) years

	<p>experiencesimilar to the Contract to be bid. This list must include a satisfactorily completed single contract whose value is at least fifty percent (50%) of the bid amount.</p> <p>Note: Listed completed contracts must be supported by the following:</p> <ol style="list-style-type: none"> Notice of Award (NOA) OR Notice to Proceed (NTP) OR Contract Any one of the following documents <ol style="list-style-type: none"> Copy of Certificate of Completion or Certificate of Acceptance issued by the bidder's client Copy of Official Receipt/s or Sales Invoice/s issued by the Bidder to the client which must sum up to the full amount of total contract price of completed projects.
4.	Statement Certifying the availability of transport/delivery vehicles (e.g.trucks). (Proof of Ownership)
5.	Statement Certifying the availability of storage facilities/warehouse/s/ holding space for the goods prior to delivery.
C.	Financial
1.	The prospective bidder's audited financial statements, stamped "received" by the BIR or its duly accredited and authorized institutions, for the immediately three (3)preceding calendar years, showing, among others, the prospective bidder's total and current assets and liabilities
2.	The prospective bidder's computation of its Net Financial Contracting Capacity (NFCC)
II	TECHNICAL DOCUMENTS
A.	<p>The Original Bid Security issued in favor of Yamog Renewable Energy Development Group, Inc. (must be valid for at least 120 calendar days from the date of bid opening)</p> <p>Any one of the following is acceptable:</p> <ol style="list-style-type: none"> Cash, Manager's /Cashier's Check issued by a reputable bank (at least 2% of the bid offer amount) Bank guarantee confirmed by a reputable bank and deemed accepted once officially authenticated with concerned bank; (at least 2% of the bid offer amount) <p>Reputable Bank – refers to a bank that is recognized and a member of the Philippine Deposit Insurance Corporation (PDIC).</p>
B.	Authority of the signatory (<u>Board Resolution</u> if the bidder is a corporation or a cooperative, a <u>Partnership Resolution</u> if the bidder is a Partnership);
C.	Delivery schedule;
D.	List of supplier/contractor's equipment/vehicle units and warehouse/s pledged for the contract to be bid, which are owned (supported by proof/s of ownership), leased, and/or under purchase agreements (with corresponding engine numbers, chassis numbers and/or serial numbers for the equipment/vehicle and location, physical features for the warehouse/s), supported by certification of availability of equipment/vehicle from the equipment lessor/vendor for the duration of the contract;
E.	Statement of authorized Officer-in-Charge/Account Officerassigned to the Project.
F.	Accomplished Omnibus Sworn Statement duly signed by the bidder's authorized representative and notarized
G.	<ul style="list-style-type: none"> A <i>General Declaration of Compliance</i> that all components do comply and that any non-compliant components will be replaced at no-cost to project, and a <i>Declaration of Compliance</i> for each component is also required from the Supplier, supported by the necessary documentation to show that components provided comply with the standards and warranties set out in the Technical Specifications. <ul style="list-style-type: none"> For compliance with warranties: Manufacturer's Warranty Certificates are

	<p>required, supported by Certificates of Manufacturer's Authorization signed by the manufacturer.</p> <ul style="list-style-type: none">• Statement of Compliance with standards and specifications: refer to specific documentation required.• Product brochures and product documentation: bidders should provide the specific documentation required under the individual component specifications, illustrating their compliance with the specifications.• Bidders should also provide their own technical specifications sheets (and brochures) on each product. This information should be in English.
SECOND ENVELOPE:	
FINANCIAL PROPOSAL (DULY SEALED AND MARKED)	
III	FINANCIAL DOCUMENTS
A.	Duly Accomplished Financial Proposal/Bid Form duly signed by the bidder's authorized representative (Form _____) per Lot
B	Detailed Financial Proposal Sheet (Bill of Quantities / Price Schedule duly signed by the bidder's authorized representative. Bidders shall use Form _____ as template

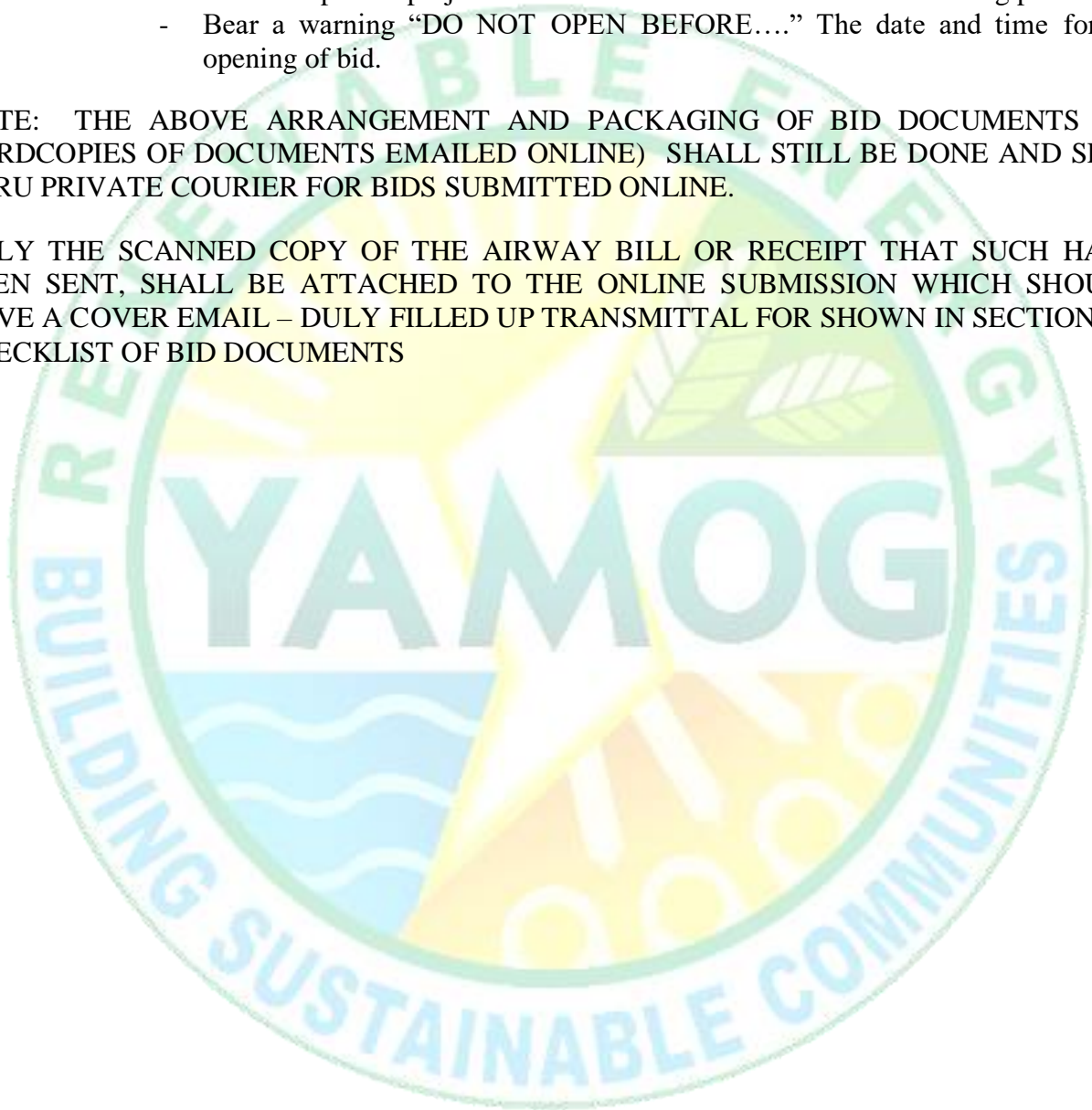
IMPORTANT REMINDERS:

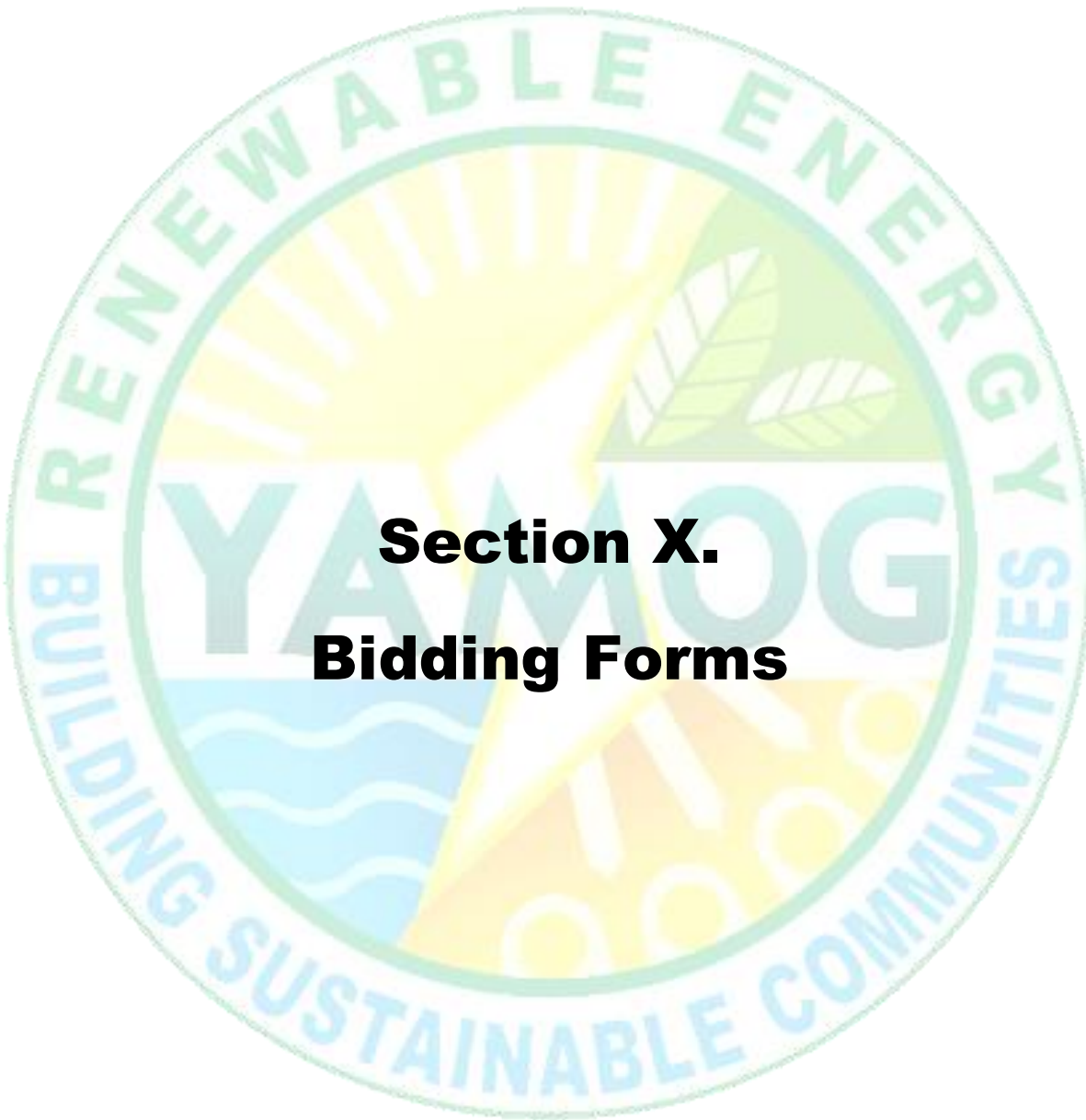
- A) Each and every page of the Bid Forms, Section X – Bidding Forms hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- B) Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.
- C) Bid documents shall be compiled in a folder/binder with the Annexes properly labeled with tabs/separators.
- D) Bidders shall submit their bids through their duly authorized representative/s enclosed in separate sealed and marked envelopes, which shall be submitted simultaneously:
- a) The first three (3) individually sealed envelopes shall contain the folder/binder of the Eligibility Requirements and Technical Component of the Bid: prepared in three (3) copies labeled as follows:
- ENVELOPE (1) : ORIGINAL – ELIGIBILITY REQUIREMENTS AND TECHNICAL COMPONENT DOCUMENTS
- ENVELOPE (2) : COPY 1 – ELIGIBILITY REQUIREMENTS AND TECHNICAL COMPONENT DOCUMENTS
- ENVELOPE (3) : COPY 2 – ELIGIBILITY REQUIREMENTS AND TECHNICAL COMPONENT DOCUMENTS
- b) The next three (3) envelopes shall contain the folder/binder of the Financial Component of the Bid: prepared in three (3) copies labeled as follows:
- ENVELOPE (4) : ORIGINAL – FINANCIAL COMPONENT DOCUMENTS
- ENVELOPE (5) : COPY 1 – FINANCIAL COMPONENT DOCUMENTS
- ENVELOPE (6) : COPY 2 – FINANCIAL COMPONENT DOCUMENTS
- c) Bidders shall enclose, seal and mark the following:
- ENVELOPE (7) : shall contain Envelope (1) and Envelope (4) enclosed in one sealed envelope (7) marked “ORIGINAL-BID”
- ENVELOPE (8) : shall contain Envelope (2) and Envelope (5) enclosed in one sealed envelope (8) marked “COPY 1-BID”
- ENVELOPE (9) : shall contain Envelope (3) and Envelope (6) enclosed in one sealed envelope (9) marked “COPY 2-BID”

- d) Envelopes (7) , (8) & (9) shall then be enclosed in a single sealed, signed final/ outer envelope/package/ box.
- e) All envelopes (Envelopes (1) to (9) and the final/outer envelope/package/box shall indicate the following:
- Addressed to the Procuring Entity's BAC
 - Name and Address of the Bidder in capital letters
 - Name of the Contract/Project to be bidded in capital letters
 - Lot No. _____
 - Bear the specific project Identification/reference code of this bidding process
 - Bear a warning "DO NOT OPEN BEFORE...." The date and time for the opening of bid.

NOTE: THE ABOVE ARRANGEMENT AND PACKAGING OF BID DOCUMENTS (AS HARDCOPIES OF DOCUMENTS EMAILED ONLINE) SHALL STILL BE DONE AND SENT THRU PRIVATE COURIER FOR BIDS SUBMITTED ONLINE.

ONLY THE SCANNED COPY OF THE AIRWAY BILL OR RECEIPT THAT SUCH HAVE BEEN SENT, SHALL BE ATTACHED TO THE ONLINE SUBMISSION WHICH SHOULD HAVE A COVER EMAIL – DULY FILLED UP TRANSMITTAL FOR SHOWN IN SECTION IX-CHECKLIST OF BID DOCUMENTS





Section X.
Bidding Forms

TABLE OF CONTENTS

1. Statement of All Completed Government and Private
POs/Contracts Similar to the Contract to be Bidded..... 70

2. Statement of All On-Going and Completed Government
and Private POs/Contracts, Including Contracts
Awarded but Not Yet Started..... 71

3. Net Financial Contracting Capacity Computation 72

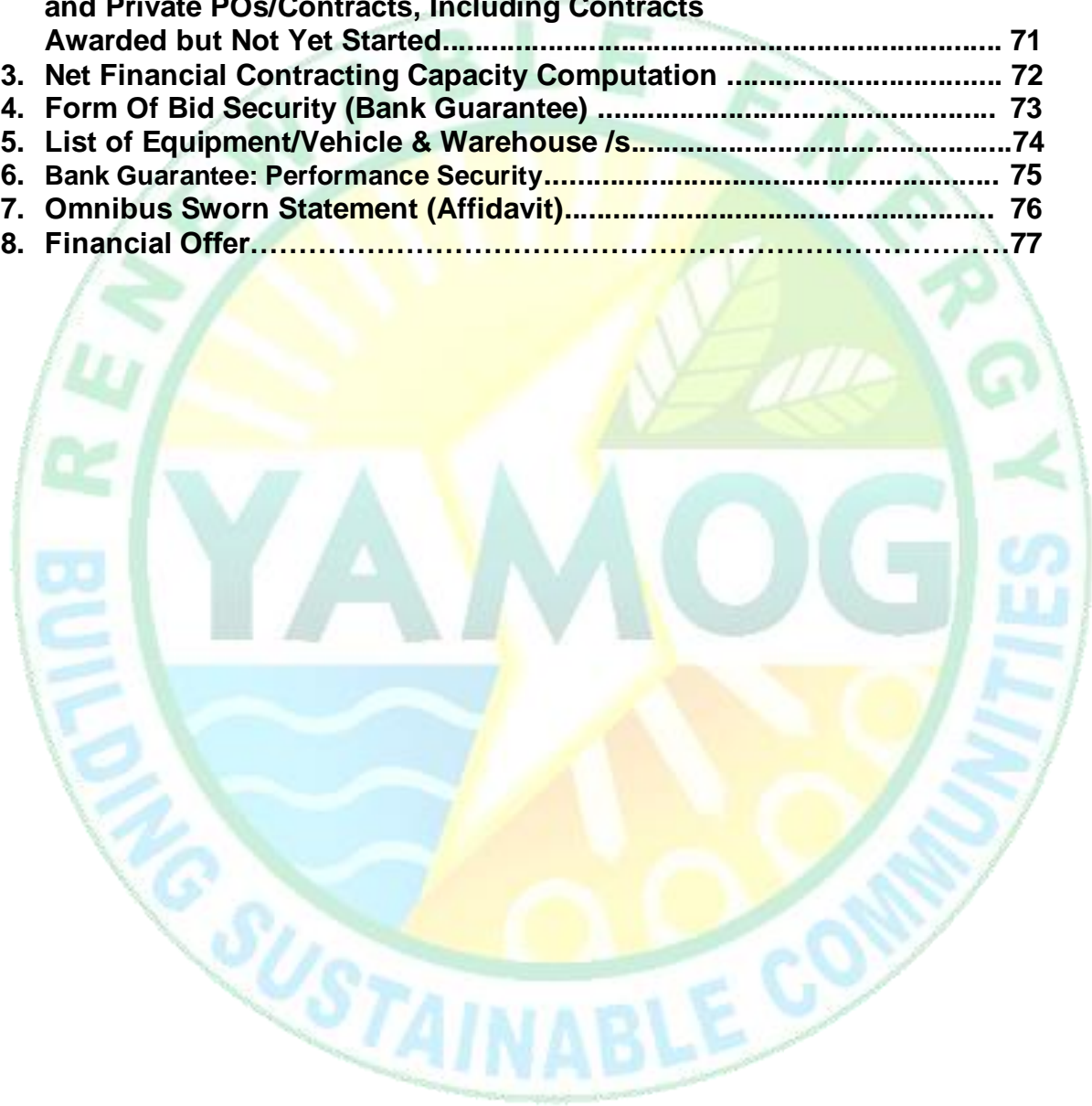
4. Form Of Bid Security (Bank Guarantee) 73

5. List of Equipment/Vehicle & Warehouse /s.....74

6. Bank Guarantee: Performance Security..... 75

7. Omnibus Sworn Statement (Affidavit)..... 76

8. Financial Offer.....77



Appendix A

Breakdown of MHP Project Sites
(Where the Goods will be applied)

SITIO	BARANGAY	MUNICIPALITY	PROVINCE
Lower Tagasan	Gupitan	Kapalong	Davao del Norte
Tinanan	Ganatan	Arakan	North Cotabato
San Malbino	Lapuan	Don Marcelino	Davao Occidental
Camansi	West Lamidan	Don Marcelino	Davao Occidental
	Ramitan and Mapantao	Picong	Lanao del Sur

