

SUBMITTED BY

Republic of the Philippines CITY GOVERNMENT OF SAN CARLOS

Province of Negros Occidental

BIDS AND AWARDS COMMITTEE (BAC)

BIDDING DOCUMENTS

FOR

PURCHASE REQUEST NO. 18-24-10-1936

APPROVED BUDGET OF THE CONTRACT (ABC): P 3,700,000,000

WITH TERMS OF REFERENCE (TOR)

MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

(First Envelope: Eligibility and Technical Components)

ADDRESS	1			
CONTACT NO.	:			
EMAIL AD	;			
		DATE	OF SUBMIS	SION
		DAIL	OF SORWIN	SION

INSTRUCTIONS TO BIDDERS

- 1. Please submit sets of documents completely in two separate envelops:

 The *First Envelope (Original, Copy 1 and Copy 2)* containing Eligibility and Technical documents
 The *Second Envelope (Original, Copy 1 and Copy 2)* containing Financial documents.
- 2. Check that all annexes are in accordance with the prescribed format and submit in chronological order. Non-compliance is ground for disqualification.
- 3. Submit your completed bid documents on or before the time of the opening of bids mentioned below.
- 4. Electronic submission and receipt of bids is not available pending compliance with GPPB Resolutions.

Compliance of the above is for mutual advantage, i.e. to facilitate a complete and thorough evaluation of your bid documents.

SCHEDULES

Schedule/Place of Rebidding

February 18, 2025 @ 1:30 PM BAC Secretariat Office 2F City Hall Building

Nonrefundable fee of Bidding Documents = P 5,000.00

Bid and Awards Committee City of San Carlos

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

- 1. PHILGEPS Certificate of Registration and membership in accordance with Section 8.5.2 of R. A 9184-Platinum Membership
- 2. Joint Venture Agreement (JVA), if applicable
- 3. Net Financial Contracting Capacity (NFCC) based on the data submitted to the BIR thru its EFPS or Committed Line of Credit (CLC) from a Universal or Commercial Bank
- 4. Duly Notarized Statement of all on-Going Government and Private Contracts.
- 5. Duly Notarized Statements of:
 - a. At least one (1) Completed Similar Contracts (Government OR Private) for the last five (5) years.
 - b. Single Largest Completed Contract (SLCC) at least 50% of the ABC.
- 6. Project Requirements:
 - a. Organizational Chart for the Contract to be Bid
 - b. List of Contractor's Personnel (Registered Electrical Engineer, Skilled Laborer, Manual Laborer), to be assigned to the contract to be bid, with their complete qualification and experience data
 - c. Duly notarized Affidavit of Site Inspection (Please see attached Form)
- 7. PCAB License
- 8. Bid Security in any of the following forms:
 - a.) Cash or Cashier's Check or Manager's Check issued by a Universal or Commercial Bank in favor of the City Treasurer of San Carlos City
- Two percent (2%) of the ABC
- b.) Bank draft/ guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank; provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank
- c.) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance commission as authorized to issue such authority
- d.) Any combination of the foregoing

- : Two percent (2%) of the ABC
- : Five percent (5%) of the ABC
- : Proportionate to share form with respect to total amount of security

- e.) Bid Securing Declaration
- 9. Omnibus Sworn Statement in accordance with Section. 25.3 (Please see attached Form)

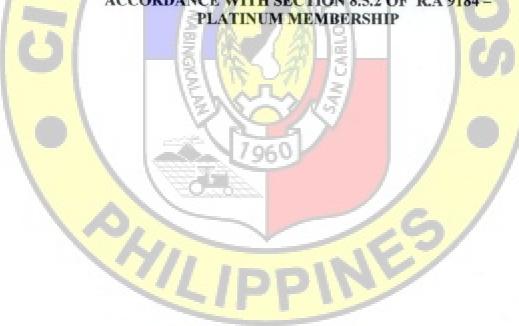
Bid and Awards Committee City of San Carlos

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13,2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

1. PHILGEPS (CERTIFICATE OF REGISTRATION AND MEMBERSHIP IN ACCORDANCE WITH SECTION 8.5.2 OF R.A 9184 –



Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

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2. JOINT VENTURE AGREEMENT (JVA), IF APPLICABLE



Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

3. NET FINACIAL CONTRACTING CAPACITY (NFCC) BASED ON THE DATA SUBMITTED TO THE BIR THRU ITS EFPS OR COMMITTED LINE OF CREDIT (CLC) FROM A UNIVERSAL OR COMMERCIAL BANK



Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

4. DULY NOTARIZED STATEMENT OF ALL ON-GOING GOVERNMENT AND PRIVATE CONTRACTS.



Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

5. DULY NOTARIZED STATEMENTS OF:

A. AT LEAST ONE (1) COMPLETED SIMILAR CONTRACTS (GOVERNMENT OR PRIVATE)

FOR THE LAST FIVE (5) YEARS

B. SINGLE LARGEST COMPLETED CONTRACT (SLCC) AT LEAST 50% OF THE ABC



Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

6. PROJECT REQUIREMENTS

- a. Organizational Chart for the Contract to be Bid
- b. List of Contractor's Personnel (Registered Electrical Engineer, Skilled Laborer, Manual Laborer), to be assigned to the contract to be bid, with their complete qualification and experience data
- c. Duly notarized Affidavit of Site Inspection (Please see attached Form)

18/18	77 5
Name of the Procuring Entity	Contract Reference Number Name of the Contract Location of the Contract
Standard Form Numbe <mark>r: SF-INR-51</mark> Revised on: August 11,2004 AFFIDAVIT OF SITE	1.6
I, (Representative of the Bidder), of legal age, civil state Representative), under oath, hereby depose and say: 1. That I am the (Position of the Bidder) of the (Name Bidder),; 2. That I have inspected the site for (Name of Contract) 3. That I am making this stamen as part of the requirement Bidder) for (Name of the Contract).	of the Bidder) , with office at (Address of the , located at (Location of the Contract) ,;
IN FAITH WHEREOF, I hereby affix my signature this, Philippines.	day of, 20 at
SUBSCRIBED AND SWORN TO before me this day of Community Tax Certificate No issue Philippines.	
	(Notary Public)
	Until PTR No Date Place TIN
Document No Page No Book No Series of	

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

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Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS 8. BID SECURITY IN ANY OF THE FOLLOWING FORMS:

- a. Cash or Cashier's Check or Manager's Check issued by a Universal or Commercial Bank in favor of City Treasurer of San Carlos City (Two percent (2%) of the ABC)
- b. Bank draft/ guarantee or Irrevocable Letter of Credit issued by a Universal or Commercial Bank; provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank, (Two percent (2%) of the ABC)
- c. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance commission as authorized to issue such authority; (Five percent (5%) of the ABC)
- d. Any combination of the foregoing (Proportionate to share form with respect to total amount of security)
- e. Bid Securing Declaration

REPUBLIC OF THE PHILIPPINES) CITY OF SAN CARLOS, NEGROS OCCIDENTAL) S.S.

BID SECURING DECLARATION

Project Identification No. / Purchase Request (PR) No.: 18-24-10-1936

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

I/ We, the undersigned, declare that:

- 1. I/ We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
- 2. I/ We accept that: (a) I/ We will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting order; and 9b) I/ We will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Section 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake. 3. I/ We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
- a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request; b. I am/ We are declared ineligible or post- disqualified upon receipt of your notice to such effect, and (i) I / We failed to timely file a request for reconsideration or (ii) I/ We filed a waiver to avail of said right; and c. I am/ We are declared the bidder with the Lowest Calculated Responsive Bid, and I/ We have furnished the performance security and signed the Contract.

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

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

> > Affiant

[Jurat]

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

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

9. OMNIBUS SWORN STATEMENT IN ACCORDANCE WITH SEC. 25.3

Purchase Request (PR) No. 18-24-10-1936

REPUBLIC OF THE PHILIPPINES)
CITY OF SAN CARLOS, NEGROS OCCIDENTAL) S.S.

AFFIDAVIT

- I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:
- 1. [Select one, delete the other:]
 [If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

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

2. [Select one, delete the other:]

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

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

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

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

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

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

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine
 Bidding Documents, which includes:
 - Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of
 consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in
 relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

N WITNESS WHEREOF,	I have hereunto set my	hand this	day of	. 20	at	, Philippines.
,	Thate herealted set in	y mana cins	uuy Oi	, 20	aL	, minippines

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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



SUBMITTED BY

Republic of the Philippines CITY GOVERNMENT OF SAN CARLOS

Province of Negros Occidental

BIDS AND AWARDS COMMITTEE (BAC)

BIDDING DOCUMENTS

FOR

PURCHASE REQUEST NO. 18-24-10-1936

APPROVED BUDGET OF THE CONTRACT (ABC): P 3,700,000.00

WITH TERMS OF REFERENCE (TOR)

MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

(Second Envelope: Financial Components)

		DATE OF S	HIRMISSION	
EMAIL AD	: _			-
CONTACT NO.				
ADDRESS	:			

INSTRUCTIONS TO BIDDERS

- 1. Please submit sets of documents completely in two separate envelops:

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Compliance of the above is for mutual advantage, i.e. to facilitate a complete and thorough evaluation of your bid documents.

SCHEDULES

Schedule/Place of Rebidding

February 18, 2025 @ 1:30 PM BAC Secretariat Office 2F City Hall Building

Nonrefundable fee of Bidding Documents = P 5,000.00

Bid and Awards Committee City of San Carlos

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF FINANCIAL PROPOSALS/REQUIREMENTS

- 1. Duly Signed Form of Bid
- 2. Duly Signed Bid Price in the Bill of Quantities (BOQ) containing the total bid amount

HIL

- 3. Duly Signed Detailed Estimates
- 4. Duly Signed Cash flow by Quarter and Payment Schedule

Bid and Awards Committee

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

Signature:

Date: _____

Duly authorized to sign the Bid for and behalf of:

	1. DULY SIGNED FORM OF BID
	Date:
Project Iden	tification / Purchase Request No.: 18-24-10-1936
To: [name o	and addre <mark>ss</mark> of <mark>Procur</mark> ing Entity]
	ing exa <mark>mined the P</mark> hilippine B <mark>idding Documents (PBDs) including the Supplement<mark>al or Bid Bu</mark>lletin Numbers bers], th<mark>e receipt of</mark> which is h<mark>ereby duly acknowledged, we</mark>, the undersigned, decla<mark>re that:</mark></mark>
	We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: [insert name of contract];
b.	We offe <mark>r to execute</mark> the Works for this Contract in accordance with the PBDs;
	The total price of our Bid in words and figures, excluding any discounts offered below is: [insert information]; The discounts offered and the methodology for their application are: [insert information];
e.	The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates,
f.	Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
	If our Bid is accepted, we commit to obtain a Performance Security in the amount of [insert percentage amount] percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines ¹ for this purpose;
	We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
	We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
	We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
	We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
	We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.
Legal Capaci	ity:

Contract Name: MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY, RIZAL, SAN CARLOS CITY, NEGROS OCCIDENTAL (SUPPLY OF LABOR & MATERIALS)

Location of the Contract: San Carlos City, Negros Occidental

PURCHASE REQUEST NO. 18-24-10-1936 2. DULY SIGNED BID PRICE IN THE BILL OF QUANTITIES (BOQ)

		BII	LL OF QU	ANTITIES	-1001
(Co	olumns (1), (2) and (3) are to be filled Entity)		Procuring	(Columns (4) and (5) a	re to be filled up by the Bidder)
	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	(1) Mobilization/Demobilization	(2) Lot	(3)	In words: Pesos	In words: Pesos In figures:
п	Electrical Works	Lin.m.	305	In figures: PHP In words: Pesos In figures: PHP	In words: Pesos In figures: PHP
III	Wires and Cables	Lìn.m.	305	In words: Pesos In figures: PHP	In words: Pesos In figures: PHP
IV	Power Metering	Lot	N.	In words: Pesos In figures: PHP	In words: Pesos In figures: PHP
v	Civil Works	Lot	1	In words: Pesos In figures: PHP	In words: Pesos In figures: PHP
VI	Digging Equipment and Safety	Lot	1	In words: Pesos In figures: PHP	In words: Pesos In figures: PHP
				TOTAL BID COST	In words: PHP
					In figures: PHP
Subm	itted by:		Date:		
Vame	of the Representative of the Bidde	r			_
Positi	on				
Vome	of the Bidder Company				

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4. DULY SIGNED CASH FLOW BY QUARTER AND PAYMENT SCHEDULE



APPROVAL PAGE

MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL

(P 3,700,000.00)

TERMS OF REFERENCE

City of San Carlos

Province of Negros Occidental

Prepared by:

John Leur C/ Virtucio

Engineer/I

Reviewed by

Rester B Neprenzo

City Engineer

Approved by:

Renato Y. Gustilo

City Mayor

Republic of the Philippines

City of San Carlos

Province of Negros Occidental

CITY ENGINEERING DEPARTMENT

The same

TERMS OF REFERENCE

7960

MEDIUM TO LOW VOLTAGE POWER SUPPLY 13.2KV / 7620V / 240V FOR SAN CARLOS CITY TREE PARK, BRGY. RIZAL

(P 3,700,000.00)

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I.	Payment Scheme
•	

A. Background

The Tree Park, nestled in the mountainous region, is a natural sanctuary that attracts tourists seeking a serene and eco-friendly escape. However, the current lack of a reliable electricity supply limits the potential for enhancing visitor experiences, ensuring safety, and supporting sustainable park operations. This project aims to design and implement an electrification system that aligns with the park's commitment to preserving the natural environment while boosting tourism and providing essential security infrastructure.

B. General Objectives

- To provide a sustainable and eco-friendly electricity supply that enhances the overall visitor experience in the Tree Park.
- To ensure the safety and security of visitors and staff through the installation of reliable lighting and surveillance systems.
 - To support the park's operations and maintenance needs while minimizing environmental impact.
 - To promote eco-tourism by integrating renewable energy solutions that align with the park's conservation goals.

The Bidder / Contractor

The Bidder is required to have the following qualifications:

- 1. The bidder/contractor should have an experience in 3Phase 240V electrical installations.
- 2. The bidder/contractor should have an experience in the erection of utility Electrical Poles with minimum coverage of 500 meters with medium to low voltage power lines.
- 3. The Bidder should have an experience in stringing of cables and provision of standard materials for insulation, guy wires and support for power lines.
- 4. The bidder/ contractors shall provide safety tools, equipment, and personnel before and after the project.
- 5. The Contractor must have a qualified Electrical Engineer / Supervisor and must be available at site during working hours to ensure proper execution and supervision of work.
- 6. The bidder/supplier is preferably within Visayas area in order for the end-user to easily communicate in case of future concerns regarding the project.

D. The Requirements

> Scope of Works

The scope described and included in this project is for the supply of labor and materials. Moreover, all equipment and materials shall conform to the end user for quality assurance.

a. Mobilization and Demobilization

- Mobilization includes all the preparatory work and operations necessary for the movement of materials, personnel, equipment, supplies to the project site. Demobilization includes the winding down, cleaning and clearing, removing of equipment, personnel and supplies from the construction site after completion.

b. Electrical Works

- Installation of Cross Arm to the Electrical Poles, Grounding and Anchor assembly.
- Laying of Single Loop Guy Wire with Pintype insulator, disc insulator / insulator suspension, strain and end clamp, ring / ball type machine, U-Clamp, Fuse link, Hot Clamp, Fuse Cut out, and Lightning Arrester.

c. Wires and Cables

- Laying of 2 0mm² TW Solid Wire (Thermoplastic, Water resistant wire)
- Laying of 50mm² ACSR Cable (Aluminum-Conductor Steel-Reinforced cable)

d. Power Metering

-the winning bidder shall shoulder the expenses for all materials, wiring devices testing and calibration fees for the materials needed for power metering. Utilities company (NONECO) is the sole company to install the Power Metering works

e. Civil Works

- involves Cutting works and welding works.

f. Digging Equipment and Safety

- Digging of foundation for the erection of Electrical Poles
- Wire Tensioning Equipments.
- Provide safety tools, personnel and equipment

> General Requirements

- Construction safety protocols should be observed at all times during the duration of the project.
- b. All plans shall be supplied by the end-user.
- c. If there are any revisions as to original plan will require the winning bidder to submit as-built plans at no cost to the end user.

E. Materials Specifications

A ELECTRICAL WORKS

Cross Arm 13.2KV 3 Phase 3 x 4 x 10 4mm HDg Cross Arm 1.2KV 3 Phase 3 x 4 x 10 4mm HDg Grounding Assembly

Anchor Assembly

13.2 Single Loop Guy Wrapped 1/2 Ø

Pin Type Insulator Umbrella Type 8"

Disc Insulator / Insulator Suspension

Strain Clamp / End Clamp

Secondary Rack with Spool Insulator

Ring / Ball Type Machine 5/8 x 12

Ring / Ball Type Machine 5/8 x 10

Ring / Ball Type Machine 3/8 x 4 - 1/2

U Clamp with Lock

Fuse Link 10A

Hot Line Clamp 1010A

Fuse Cut Out 100A

Lightning Arrester 11kV

Washer 2 x 3 / 16.3 / 16 Hole

Brace Metal 60"

Stirrups

B. WIRES AND CABLES

2.0mm² TW Solid Wire 50mm² ACSR Cable

C. POWER METERING

kWHR-M #P 4 Wire 120V @ 80V w/ Battery Switch Current Transformer 200:5 Ratio Including Current

Transfromer Box NEMA 3R

Meter Box 13 Jaw 3 Phase

Fuse Link 10A

Hot Line Clamp 100A

Fuse Cut Out 100A

Lightning Arrester 11kV

Stirrups

D. CIVIL WORKS

Butane

Torch

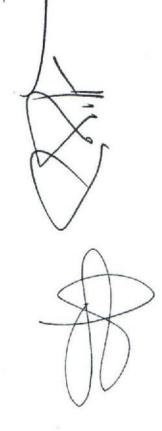
G.I Tie Wire #16

Welding Rod #6013

Cutting Disc

Hacksaw Blade

PVC Solvent 200cc



F. Delivery / Completion

Completion shall be within 120 Workingr days

G. Man Power Requirement

Manpower for the project shall be at least of the following;

- a. One Registered Electrical Engineer
- b. Skilled Laborers
- c. Manual Laborers

H. Warranty

One-year warranty of trouble free operation, test and maintenance of the complete work from the turn-over of the completed project.

I. Payment Scheme

The city has allocated a budget of Three Million, Seven hundred Thousand Pesos (3,700,000.00Php) for the project. The winning bidder shall be paid in accordance with R.A. 9184 and other relevant laws.



