

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. 1-24-03-0543 APPROVED BUDGET OF THE CONTRACT (ABC): P 3,130,700.00 WITH TERMS OF REFERENCE (TOR)

#### MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

(First Envelope: Eligibility and Technical Components)

ADDRESS					
CONTACT NO.	:				
EMAIL AD	:				
		-	DATE	OF SUBMISS	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 Pre bid Conference

April 25, 2024 @ 8:30 AM BAC Secretarial Office 2F City Hall Building

Schedule/Place of Bid Opening

May 7, 2024 @ 1:30 PM BAC Secretarial Office 2F City Hall Building

Nonrefundable fee of Bidding Documents = 5,000.00 Php

Bid and Awards Committee City of San Carlos

#### Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

Location of the Contract: San Carlos City, Neg<mark>ros Occide</mark>ntal

### 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
  - 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 : Two percent (2%) of the ABC by a Universal or Commercial Bank in favor of the City Treasurer of San Carlos City
  - 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
  - e.) Bid Securing Declaration

: Two percent (2%) of the ABC

- : Five percent (5%) of the ABC
- : Proportionate to share form with respect to total amount of security
- 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 VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

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



Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL
ANNEX BUILDING

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

2. JOINT VENTURE AGREEMENT (JVA), IF APPLICABLE



Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

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 VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL
ANNEX BUILDING

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 OR PRIVATE)
CONTRACTS.



Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL
ANNEX BUILDING

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

YILIPPI

Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL
ANNEX BUILDING

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

Series of

- 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)

Name of the Procuring Entity

Contract Reference Number
Name of the Contract
Location of the Contract
Location of the Contract
AFFIDAVIT OF SITE INSPECTION

I, (Representative of the Bidder), of legal age, civil status,	Filipino and residing at (Address of the
Representative) , under oath, hereby depose and say:  1. That I am the (Position of the Bidder) of the (Name of the	Bidder) , with office at (Address of the
Bidder) .:  2. That I have inspected the site for (Name of Contract)  3. That I am making this stamen as part of the requirement for the Bidder) for (Name of the Contract)	
IN FAITH WHEREOF, I hereby affix my signature this	day of, 20at
SUBSCRIBED AND SWORN TO before me this day of	AFFIANT, 20, affiant exhibiting to me his/ her
Community Tax Certificate Noissued on _ Philippines.	at,
	(Notary Public)
	Until
	PTR No.
	Date
	Place TIN
Document No.	
Page No.	
Book No.	

Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL
ANNEX BUILDING

Location of the Contract: San Carlos City, Negros Occidental

CHECKLIST OF ELIGIBILITY AND TECHNICAL PROPOSALS/REQUIREMENTS

7. PCAB LICENSE



### Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

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.: 1-24-03-0543

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 VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

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. 1-24-03-0543

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:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. [Select one, delete the other:]

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

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

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

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

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

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

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

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_ day of \_\_\_\_, 20\_\_ at \_\_\_\_\_\_\_, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

#### [Jurat]

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



## Republic of the Philippines CITY GOVERNMENT OF SAN CARLOS

Province of Negros Occidental

## BIDS AND AWARDS COMMITTEE (BAC)

#### **BIDDING DOCUMENTS**

FOR

PURCHASE REQUEST NO. 1-24-03-0543

APPROVED BUDGET OF THE CONTRACT (ABC): P 3,130,700.00

WITH TERMS OF REFERENCE (TOR)

MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

(Second Envelope: Financial Components)

DATE OF SUBMISSION

#### 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

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SCHEDULES

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Nonrefundable fee of Bidding Documents = 5,000.00 Php

Bid and Awards Committee City of San Carlos

Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

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

Bid and Awards Committee

### Republic of the Philippines City Government of San Carlos

**Province of Negros Occidental** 

#### Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

Location of the Contract: San Carlos City, Negros Occidental

1. DULY SIGNED I	FORM OF BID	0
	A	Date :

Project Identification / Purchase Request No.: 1-24-03-0543 To: [name and address of Procuring Entity]

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: [insert name of contract];
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- The total price of our Bid in words and figures, excluding any discounts offered below is: [insert information];
- d. The discounts offered and the methodology for their application are: [insert information];
- e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of [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<sup>1</sup> for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- We understand that this Bld, 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 i. receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name:	
Legal Capacity:	
Signature:	
Duly authorized to sign the Bid for and behalf of:	
Date:	

Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

Location of the Contract: San Carlos City, Negros Occidental

Name of the Bidder Company

## PURCHASE REQUEST NO. 1-24-03-0543 2. DULY SIGNED BID PRICE IN THE BILL OF QUANTITIES (BOQ)

			The state of the s	ANTITIES	
(Columns (1), (2) and (3) are to be filled up by the Procuring Entity)					
	D <mark>es</mark> cri <mark>pt</mark> ion	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
	(1)	(2)	(3)	<u>(4)</u>	(5)
l	Mobilization/Demobilization	Lot	179	In words: Pesos	In words: Pesos
		1		In figures: PHP	In figures: PHP
	10			In words: Pesos	In words: Pesos
iI	Electrical Concrete Duct	Lin.m.	40	In figures: PHP	In figures: PHP
				In words: Pesos	In words: Pesos
II	Electrical Works	Lin.m.	40	In figures:	In figures:
				In words: Pesos	In words: Pesos
V	Power Metering	Lot	1	In figures:	In figures:
	-		I		In words: PHP
				TOTAL BID COST	
		W55% = 5.			In figures: PHP
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ubi	mitted by:				
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Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

Location of the Contract: San Carlos City, Negros Occidental



Contract Name: MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

Location of the Contract: San Carlos City, Negros Occidental

4.DULY SIGNED CASH FLOW BY QUARTER AND PAYMENT SCHEDULE



#### APPROVAL PAGE

## MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

(P 3,130,700.00)

#### TERMS OF REFERENCE

City of San Carlos

Province of Negros Occidental

Prepared by:

John Leur C. Virtucio

Engineer I

Reviewed by:

Rexter E. Nemenzo

Engineer IV/OIC-CED

Approved by:

City Mayor

Republic of the Philippines

City of San Carlos

Province of Negros Occidental

CITY ENGINEERING DEPARTMENT

TERMS OF REFERENCE

MEDIUM VOLTAGE UNDERGROUND POWERLINE FOR THE CITY HALL ANNEX BUILDING

(P 3,130,700.00)

Jun 2

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	rayment benefit
	// IDDIN

#### A. Background

The City Government through the City Engineering Department proposed an Eight-story City Hall Annex Building to cater all offices in one area so that the city can provide a swift and prompt services to the Public.

#### B. General Objectives

The primary objective of this project is to provide enough office spaces for various departments of this city.

#### C. The Bidder / Contractor

The Bidder is required to have the following qualifications:

- 1. The bidder/contractor should have an experience 230/380/400V electrical installation for Commercial Buildings not less than 10 floors that includes the installation of Busduct, Banking of Transformer Delta-Y connection 13.2kV/400/230V, installation of Synchronizer between Generator set to ATs and should have an experience in the installation of MC Cables.
- 2. The Contractor must have a qualified Electrical Engineer and Electrical supervisor and must be available at site during working hours to ensure proper execution and supervision of work.
- 3. The materials specification to be installed should be compatible to the existing line to line 3 phase 400V, line to neutral Single phase 230V
- 4. 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.
- 5. The Bidder should have experience in the installation of High/Medium and Low Voltage Power-line from 600V to 69kV
- 6. The Bidder is well experienced in underground Primary Power-lines from 600V to 69kV with more 100 meters underground.
  - 7. The Bidder's Line-man should have a certificate for stringing of Primary Power-lines.

#### 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 Concrete Duct

- Excavation in preparation for the electrical concrete duct and Concrete Column pedestals

- Disposal of excess excavated materials.

- Gravel and Sand Bedding

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- Formworks, Reinforcing Bars and Concrete pouring of Electrical concrete duct in monolithic pouring and Concrete Pouring of Column Pedestal and Manholes.

#### c. Electrical Works

- Laying of Spiral Flexible Conduit and XPLE Power Cable including all accessories.
- Termination from high-voltage to medium voltage.

#### d. Power Metering

- the winning bidder shall shoulder the expenses for all materials, installation and overhead cost for Power Metering from NONECO. Removal and Installation of Miscellaneous unit. Installation of the Metering Equipment and Testing Fec.

#### General Requirements

- a. 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 CONCRETE DUCT

Electrical Manholes	- 10	
Excavation	26.02	m3
Disposal	9.13	m3
Backfill	16.89	m3
Gravel Bedding	0.47	m3
Concrete Mix	4.67	m3
Reinforcing bars	840.09	kg
Formworks	45.00	m2
Darin Pit Cover	16.00	kg
Water Stop	12.40	lm
Ground Rod 16mm dia.	2.00	pcs
900mm dia. CI Manhole	2.00	set
Anchor Bolt 19mm dia.	8.00	pcs
M16 x 150mm	8.00	pcs
M12 x 175mm	32.00	pcs

Janu 18

#### Transformer Meter Center

Excavation	13.60	m3
Disposal	2.57	m3
Backfill	11.03	m3
Gravel Bedding	0.45	m3
Concrete Mix	7.30	m3
Rebars	1314.72	kg
Formworks	46.08	m2
3" dia PVC S1000	72.80	lm
3" PVC Bend	8.00	pes
5C (Main Auxiliary L	ine)	
Excavation =	81	m3
Disposal	27	m3
Backfill	54	m3
Sand Bedding	27	m3
Warning Tape		roll

#### b. ELECTRICAL WORKS

HDPE Spiral Flexible Conduit 2 1/2"	5	pcs
dia., @ 100 meter/roll	TLAS	11
Spacer, HDPE 2 1/2" dia.	300	pcs
End Bell, 2 1/2" dia.	30	lot
Coupler, 2 1/2" dia.	25	pcs
XLPE Power Cable 38mm2, 15kV,133% IL.	350	pcs
Termination Kit 3M, 38mm2, 15kV,	2	pcs
133% IL, Outdoor		
Cable Testing, I.R. & P.I.	4	lght.
Fuse Cut Out + Lighting Arrester 15kV	3	lght.
Pin Type Insulator	3	lght.
Cable Ladder 6" x 8" x 8'	2	pes

Jun 300

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#### c.POWER METERING

For Removal Misc. Unit			
Crossarmm, Steel, 3" x 4" x 8' x 3mi	4	pcs	623.11
Chanel	A1	pcs	623,11
M5-5	3	pes	547.40
M5-10 (porcelain)	3	pes	364.93
CT/PT	3	pes	8,901.56
	4		. 71
For Installation Misc. Unit	1	、人是	
Crossarm, Steel, 3" x 4" x 10'	4	pcs	712.12
CI/PI	3	pcs	8,901.56
M5-6 (porcelain)	9	pes	271.61
M5-5	3	pes	547.60
M5-10 (porcelain)	6	pes	364.93
By-pass 15kV	6	pes	3,000.00
M5-1	3	pes	248.40
Vacuum Circuit Recloser, 630A	ch	unit	10,000.00
Crossarm, steel, 3" x 4" x 23'	2	pcs	1,637.88
Crossarm, Steel, 3" x 4" x 8' x 3mr	1	pcs	623.11
Brace, Cross-arm, Flat 28". Steel	2	pcs	33.83
Primary Unit	1		6
C7	2	pes	3,080.90
C15 without M5-5	1	pes	3,501.04
Metering Fee		483	•//
Energy/Demand Meter 3-phase	1	pes	1,000.00
M8-15	1	pes	10,000.00
Testing Fee		<b>■</b> *********	annumber ja juni miller miller sider state hällerist.
Transformer CT Rated 15kV	3	pes	800.00
Transformer PT Rated 15kV	3	pes	800.00

#### F. Delivery / Completion

Completion shall be within 120 Calendar 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

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#### 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, One Hundred Thirty Thousand, Seven Hundred pesos (3,130,700.00Php) for the project. The winning bidder shall be paid in accordance with R.A. 9184 and other relevant laws.



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