



PEOPLE'S TELEVISION
PARA SA BAYAN

People's Television Network, Inc.
Broadcast Complex, Visayas Avenue, Diliman, Quezon City 1100
Telephone No. 3453-1097/www.ptni.gov.ph

REQUEST FOR QUOTATION

SVP No. 2022 – 0014

17 March 2022

The People's Television Network, Inc. (PTNI), through its Bids and Awards Committee (BAC), invites interested bidders for the Small Value Procurement of **One (1) Lot Supply of Labor and Services for Preventive Maintenance of 2MV Power Sub-Station, 34.5Kv Distribution Transformer Vault**. The details of the project are as follows:

A. Name of the Project	One (1) Lot Supply of Labor and Services for Preventive Maintenance of 2MV Power Sub-Station, 34.5Kv Distribution Transformer Vault
B Source of Fund:	MOOE
C. Approved Budget for the Contract (ABC):	Five Hundred Thirty-Four Thousand Two Hundred Forty and 26/100 Pesos Only. (Php534,240.26)
D. Mode of Procurement:	Procurement will be conducted in accordance with Sec.53.9 (Small Value Procurement) of the Revised Implementing Rules and Regulations of Republic Act 9184, otherwise known as "The Government Procurement Reform Act"
E. Documentary Requirements:	Copies of the following eligibility requirements are also required to be submitted along with your quotation/proposal: <ol style="list-style-type: none">1. Mayor's/Business Permit (2022)2. PhilGEPS Registration Number3. Income/Business Tax Return (2020-stamped 2021)4. Omnibus Sworn Statement (duly notarized) *only the BIR Certificate of Registration shall be submitted in lieu of DTI Registration and Mayor's Permit.

Only Sealed bids/ or E-mail quotations from the eligible bidders will be opened and a contract will only be awarded to the Lowest Calculated and Responsive Bidder who was determined as such during post qualification.

Payment: within 30 calendar days after completion and acceptance.

Price Validity: All price quotations shall be considered as fixed prices and not subject to price escalation during contract implementation.

Delivery Period: During HOLY WEEK: April 14 or 15, 2022 or as scheduled.

F. Description:

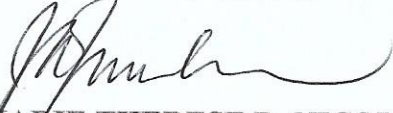
One (1) Lot Supply of Labor and Services for Preventive Maintenance of 2MV Power Sub-Station, 34.5Kv Distribution Transformer Vault.

**Please see attached for the T.O.R. (Terms of Reference)*

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

Sealed or E-mail quotations may be submitted on or before 10:00am, 28 March 2022, at the Purchasing Office, Broadcast Complex, Visayas Avenue, Diliman, Quezon City or thru Email add: purchasingsection@yahoo.com, respectively.

The PTNI reserves the right to accept or reject any bid to annul the bidding process and to reject all bids at any time prior to contract award without thereby incurring any liability to the affected bidder or bidders.


MARIE THERESE D. NICOLAS
Chairperson, BAC II-SVP

SCOPE OF WORKS

I. General In Information:

The People's Television Network Inc. requires Professionals Services and Contractor to perform Preventive Maintenance Services on Transformer Vault with 6 units 333Kva Pole Type Distribution Transformer, Distribution Voltage Service (34.5Kv) and Low Voltage Service Underground Installation (480volts), Power Fuse, Air-disconnecting Switch, Post insulators and Lighting Arrester.

II. General Requirements:

The Service Contractor shall provide and responsible on the Supply of Labor, Technical Supervision, Tools, Testing Equipment and Consumables Materials, including the scope of works for Preventive Maintenance Services as in the General Information.

The Service contractor must have already performed the same services with another client.

III. Standards:

Transformer Vault Preventive Maintenance Services program should be performed in accordance with compliance in standards and work / safety practices in:

1. Bureau of Fire Protection
2. Philippine Electrical Code
3. Meralco Standards

The Service contractor must have already performed the same services with another client.

IV. Scope of Work:

Mobilization/Demobilization:

Air-Disconnecting Switch:

1. Inspect and clean insulators and conductors.
2. Retightening of connection
3. In using solvents as cleaning reagent, ensure that they are recommended by the manufacturer. Where abnormal environmental conditions exist, more frequent inspection and cleaning may be required.
4. Check the operation of the arc blades, and ensure proper wipe of the main contacts. Inter-phase linkages and operating rods should be inspected to make sure that the linkage has not been bent or distorted and make it sure all fastenings are secure.
5. The position of the toggle latch to the switch operating linkage should be observed on all closed switches to verify the switch is mechanically locked in a closed position.

6. Operate switch manually several times to ensure proper operation, and ensure that all movable parts are properly secured and lubricated
7. Replace any loosed wire, terminal, or weak due to wear and tear or excessive moisture
8. Conduct resistance testing per phase contact should be performed. Results should be recorded and analyzed to prove proper contact is being made. If the contact resistance of the switch exceeds recommended minimums, repair or replace the switch immediately.

Power Fuse:

1. Improper Fuse- Check the fuse installed against that recommended in the technical manual for the equipment. If an incorrect fuse is installed, replace it with the correct fuse.
2. Corrosion- Check for corrosion on the fuse holder terminals or the fuse itself. If corrosion is present, remove it with fine sandpaper.
3. Improper Fit- Check for contact between the fuse and fuse holder. If a piece of paper will fit between the fuse and the clips on a clip-type fuse holder, there is improper contact. If the fuse is not held in the cap of a plug-type fuse holder, the contacts are too loose.
4. Open Fuse- Check fuses for opens. If any fuse is open, repair the trouble that caused the open fuse and replace the fuse.

Post Insulator and Lightning Arrester:

1. Insulator- Check security of nuts and bolt and clamps securing drive parts. Clean and inspect porcelain insulators. Check split pins in clevis and oil all clevis pins. Clean and lubricate auxiliary switch contacts.
2. Lightning Arrester- Wash diverting housing. Check for damage to porcelain housing and for deformation of corona or stress ring

Transformers:

1. Transformers-After de-energizing and grounding the transformer, perform general cleaning in all coils, connections, and insulators. Provide vacuum cleaner and others cleaning materials/equipment's to remove loose dust or dirt deposits. Examine and observe the transformer's signs of overheating, deterioration, arcing, loose or broken parts, or any abnormal conditions. Ensure all connections are fully tightened as per standard.
2. Clean enclosure of any dust and dirt accumulations and ensure that vent openings are free from obstruction. If cooling fans are installed, examine for proper operations and lubricate as necessary.
3. Insulation resistance test, a dielectric absorption test, and a power factor test.
4. Liquid-Filled Transformer-Insulating liquid should be tested for dielectric breakdown, acidity, color, power factor, and interfacial tension. If the result is not based on the correct condition, it may be replaced if necessary (separate quotation)
5. Examine and observe the transformer tank and bushings for evidence of leakage. Inspect the bushings, insulators, and surge arrestors for broken or damaged parts, signs of overheating or arcing, or tracking.
6. Clean all bushings, insulators, and surge arrestors of any dirt or dust accumulation.

7. Re-tighten all conductor connections
8. Perform a ground resistance test to ensure a value of 25 ohms or less.
9. Transformer data (such as, voltage, current, and temperature readings) should be recorded on a regular basis in order to determine operating conditions of the transformer.
10. Check Oil Circuit Breaker

Aerial and Underground Cable:

1. Checking the integrity and condition of ground and aerial connections, cable joints and splices.
2. Inspecting the cleanliness and physical condition of cable.
3. Clearing dust, debris and other contaminant deposits from termination joint and outer surfaces.
4. Conducting contact resistance tests on terminations, insulation resistance tests between ground connections and conductors, to assess damage or wear.
5. Testing for defective electrical contacts and joints with infrared thermal scanning. Joints that register temperature rise need to be cleaned and re-torqued before re-testing.

Surge Arrestor:

1. Clean and inspect porcelain for signs of damage or deterioration. Repair or replace as necessary.
2. Examine arrester leads for damage and/or deterioration.
3. Other suggested tests are 60 cycles spark over and hold tests, watts-loss and leakage current tests, insulation resistance tests, and grounding electrode circuit resistance tests.

Infrared Inspection and Ultrasonic Detection:

1. An infrared, or thermo graphic imaging inspection should be performed Before the preventive maintenance Services and after energizing the transformers.
2. The infrared scanning shall identify the potentially dangerous conditions; such as, loose or dirty connections, overloaded or imbalanced circuits, or improperly installed equipment.
3. Effective infrared surveys require specialized equipment and should be performed only by qualified technicians.
4. Experience and training are required to accurately identify problem conditions and possible causes so that specific recommendations can be made to correct the situation.
5. Evaluation and recommendations must submit to PTNI for immediate action.

V. Reports/Recommendation:

1. Submit Evaluation, Service Report and discuss the result/analysis/recommendations.
2. Certificate of Completion and Acceptance shall be issued by Service provider after the completion of Preventive Maintenance Services.

VI. Terms and Condition:

1. Prospective service bidders are required to conduct site inspection. To determine all necessary consideration and include the same in their proposal of any activities.
2. The bidder shall made request to Meralco for the temporary disconnection OFF and ON of Primary High Voltage Line.
3. Work/Entry Permit at PTV premises shall provide by the client (submit list of personnel, tools and equipment)
4. Repair Works shall include in the contract
5. Replacement of parts not include in the contract is subject for separate quotation or negotiated by Service Provider and the clients. But the service contractor must first make it work.
6. Preventive Maintenance Services should be finish within 12 to 15 hours or necessary.
7. Before Power On all things must be secured.
8. After Power On the Primary Line, Voltage and Phasing test must be conduct at secondary line before close the device.
9. Extra precautionary measures shall be observed. Otherwise, any damage incurred due to the fault of the service contractor shall be replaced with a new one and must be restored to its original form for the account of the contractor.
10. Always observed Safety Precautionary Measure
11. PTNI is not liable to any loss or damaged to any tools and equipment used during the preventive maintenance period.

VII. Health Protocol:

As Covid 19 pandemic Health Protocol must be observed, wearing Face Mask, and health certificate to all service personnel.

Service personnel must present fully vaccinated I.D. against covid 19

VIII. Delivery/Work Schedule:

Delivery/Work Schedule of Preventive Maintenance Services shall be schedule on Holy week April 14 or 15, 2022 or as schedule.

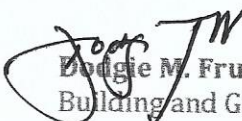
IX. Warranty:

Workmanship: Three (3) Months upon Testing and Commissioning

X. Terms of Payment:

100% upon completion
Thirty (30) calendar days after submission of Charge Invoice

Prepared by:


Dodge M. Fruelda
Building and Grounds Unit