



REQUEST FOR QUOTATION

DATE: Aug. 25, 2022

PURCHASE REQUEST NO.: ADMIN FUND 2022-08-120

CANV

Gentlemen:

Please quote your lowest price, taxes included, and subject to the terms and conditions that you may encounter purposely for article (s) and/or service(s) enumerated below, stating the shortest time of delivery and submit your quotation duly signed by your representative not later than _____ in the return envelope attached here with.

Very truly yours:


EDITHA S. VINUYA
BAC Chairman

ITEM NO.	QTY	UNIT	ITEM AND DESCRIPTION	UNIT PRICE	TOTAL
1	lot		SUPPLY OF LABOR AND MATERIALS FOR QUARTERLY PREVENTIVE MAINTENANCE AND CHECK-UP WORKS OF 1 UNIT 1000KVA CUMMINS GENSET MODEL FOR 1 YEAR Works to be done: 1. Check of cooling system (cleaning of air induction) 2. Check fuel system 3. Air induction and exhaust system 4. Checking and cleaning lube oil system 5. Check starting system 6. Check and cleaning of control panel 7. Testing generator without load 8. Testing generator with load 9. Conduct megger test 10. Manual start-up of generator set for test run and monitoring of parameter 11. Retightening of loose bolts at engine and alternator side 12. Provision of electrolytes 13. Provision of degreaser 14. Provision of rags and scrubs 15. Conduct initial audit inspection of equipment's working conditions 16. Submit corresponding reports and recommendations for validation 17. Provision of needed materials of spare parts for approval 18. Corrective actions noted for approval 19. Provides advance schedule of visits 20. Cleaning of generator room 21. Cleaning of oil tank 22. Performs minor repair and adjustments as per required		

PURPOSE:

Supply of labor and materials for quarterly preventive maintenance and check-up works of 1 unit 1000KVA Cummins Genset Model for 1 year.

Pls. submit the following eligibility documents:

- ☒ Mayor's/Business Permit
☐ Income Tax Return
☒ Notarized Omnibus Sworn Statement
☒ PhilGEPS Registration Number/Red Membership
☐ Certificate of Sole Distributorship

Note: Pls. provide also the following: contact information such as email address and mobile/landline numbers; Tax Identification Number and Bank Details

I hereby certify that I am in the position to furnish the above article(s), service(s) at the prices and in quantities as called for except as I have indicated. The articles are available in our stock for immediate delivery to the Agricultural Training Institute, Elliptical Road, Diliman, Quezon City

MODEL: _____

DELIVERY PERIOD: _____

WARRANTY PERIOD: _____

PRICE VALIDITY: _____

CANVASSED BY: _____

DATE: _____

Signature Over printed name of proprietor/Manager
or Authorized Representative



**TERMS OF REFERENCE FOR MAINTENANCE SERVICES OF GENERATOR SET AT
AGRICULTURAL TRAINING INSTITUTE**

I. INTRODUCTION:

The **SERVICES PROVIDER** shall perform Maintenance Services such as predictive, preventive, and corrective maintenance on all elements of the system to ensure the operation and increase product life of **One (1) Unit Cummins Diesel Generator Set, Model APD1000C-6, 1000kva, 460v for 1 year period** installed at the ATI-Powerhouse, ATI-Compound, Elliptical Road, Diliman, Quezon City.

II. EQUIPMENT ENROLLED:

One (1) Unit Cummins Diesel Generator Set, Model APD1000C-6, 1000kva, 460v, Silent type.

III. SCOPE OF WORK:

NO	SCOPE OF WORK	CHECKLIST/DUTIES
1	Cooling System	1.1 Check radiator water level 1.2 Check water leaks (if any) 1.3 Check all radiation hoses
2	Check Fuel System	2.1 Check fuel level 2.2 Check fuel filter
3	Air Induction & Exhaust System	3.1 Check air cleaner 3.2 Check exhaust pipe
4	Lube Oil System	4.1 Check oil level 4.2 Check oil leaks (if any)
5	Starting System	5.1 Check battery cables and connections 5.2 Check battery fluid and terminals 5.3 Check fan belts 5.4 Check alternator belt
6	Control Panel	6.1 Check PBC and module 6.2 Check all fuses 6.3 Check all electrical connections 6.4 Check meters and gauges
7	Sanitation	7.1 Check cleanliness
8	Testing without Load	8.1 Voltage 8.2 Frequency/RPM 8.3 Oil pressure 8.4 Water temperature

		8.5 Running hour meter 8.6 Battery voltage
9	Test with Load	9.1 Voltage 9.2 Frequency/RPM 9.3 Current 9.4 Oil pressure 9.5 Water temperature 9.6 Test AVR & exciter
10	Megger Test	10. Insulation
11	Power Generator	11.1 Check exciter stator windings 11.2 Check armature windings 11.3 Check main rotor 11.4 Check main stator 11.5 Check rectifier assembly 11.6 Check AVR and its connection 11.7 Check power cable connections at the main alternator box and circuit breaker panel 11.8 Stimulate protective devices a. Low oil pressure shutdown b. High water temperature shutdown c. Over speed shutdown (if any) d. Over crank shutdown (if any)
12	Control Panel	12.1 Check governor/injection pump (adjust if necessary) 12.2 Check starter motor 12.3 Check battery condition 12.4 Check tightness at the flywheel 12.5 Check turbo charger (if fitted) 12.6 Check engine breather 12.7 Check fuel lines (leaks of pipe)

IV. METHODOLOGY:

1. Toolbox meeting
2. Manual start-up of Generator set for test run and monitoring of parameter
3. Switching off of Generator set
4. Conduct Preventive Maintenance for Generator Set
 - Checking and cleaning of air induction & exhaust system
 - Checking and cleaning of fuel and lubrication system
 - Cleaning and retightening of loose bolts at Engine and Alternator side
 - Checking of Electrical System
5. Switching on of Generator Set
6. Manual Start-up of Generator set for no Loading testing and observe its parameter
7. Automatic/Manual start-up of Generator set for load testing

V. OBLIGATION OF THE SERVICE PROVIDER:

1. Conduct the quarterly preventive maintenance, check-up and related minor repairs according to schedule to ensure reliable operation of the Generator Sets during the period coverage.
2. Provides an updated list of contact person's, telephones and cell phone numbers in case of emergency calls.
3. Provides qualified technicians, tools, supervision and equipment necessary to conduct quarterly preventive maintenance check-up and relative corrective repairs.
4. Submit service reports to ATI Representative upon completion of the work, before leaving the site. Detailed Incident Report may also be requested for further information needed.
5. Performs minor repair and adjustments as per required in the preventive maintenance schedule shall be undertaken at no extra cost to the end user.
6. In case of major repair, the supplier will submit quotations of materials and spare parts needed, including scope of work to be done.
7. Provides an advance schedule of visits to ensure full coverage of the enrolled units. Advance notice of changes in the schedule shall be communicated with dispatch by either party.
8. Trains on site the owner's operator on the proper operation and maintenance activities of Genset.
9. Dispatch of the technicians for request of service assistance must be done within 24 hours upon receipt of complaint/report.
10. The following items shall be provided at the Services Provider's cost under this Proposal:
 - Electrolytes
 - Degreaser
 - Rags
 - Scrub
11. Conducts initial audit inspection of the equipment's working conditions. Submits the corresponding reports and recommendations to end-users for validation, action or information purposes. Hence, the first PM activity starts. Corrective actions noted during the audit shall be charged to the end user.
12. Provides the needed materials or spare parts when needed to avoid unnecessary delays in the conduct of the maintenance check-up or repairs. (To be quoted separately for ATI Management approval prior to purchase

VI. SCHEDULE OF PREVENTIVE MAINTENANCE:

ACTIVITY	FREQUENCY	SCHEDULE
General Preventive Maintenance	Quarterly	2nd week of April 2nd week of July 2nd week of October 2nd week of January



VII. CONTRACT DURATION:

1. Minimum of 12 months with option to renew, fixed price subject to termination with 30 days notice from either party.
2. In case of non-issuance of termination notice from any party after the last 3 months, the agreement is deemed in force on a quarterly basis following similar and applicable terms and conditions as herein defined. Note: Issue 30 days notice prior to termination of contract agreement.

VIII. FLAT RATE CHARGES:

1. For Preventive Maintenance Works:

The total Quarterly cost under this agreement shall be as follows:

Quarterly Preventive Maintenance Labor Charges: **Php 15,000.00 (VAT inclusive)**

Total Amount for 1 year = Php15,000.00 x 4 (Quarterly/Year)

Total Amount for 1 year = Php 60,000.00/ year

Total Amount for 1 unit = Php 60,000.00/year

PM Grand Total Amount.....Php 60,000.00

FIXED RATE for One (1) year only - Labor only/Check-up/Adjustment/Minor adjustment/Repair. (Any items, materials and spare parts needed to be quoted separately for approval of the ATI Director)

2. Other Charges:

- a) Emergency calls are not billable on cases when cited problems are maintenance related and attributable to the conduct of agreed maintenance work.
- b) Emergency calls are billable if the cited problems are neither considered in the above Terms of Reference. However, labor cost for emergency issues is already inclusive in this contract. **Only spare parts shall be billed to the agency.**

Terms of Payment : 30 days

Work Duration : Within a day

Price Validity : 30 days from the date of proposal



IX. REQUIREMENTS FOR BILLING:

Documents to be submitted together with the quarterly charge invoice for payments processing:

A. For Quarterly PM	B. For the Billable Job Order
• Statement of Account • Quarterly Activities • Accomplished Checklist	• Statement of Account • Approved Quotation • Job Order

X. WARRANTY:

1. Warranty is meant to express the integrity of the labor and material supplied under normal use of the equipment to be free from defects. Damage due to normal wear and tear is not covered by warranty.
2. Moreover, consequent damages due to operational cause or natural events beyond control of man are not warrantable.
3. The Supplier/Contractor will give **3 months warranty** on labor performed.
4. Spare parts supplied by the Contractor shall carry a **6 months limited warranty** from the time of installation.
5. **One (1) year warranty on all DATAKOM** digital panels, AVR, Chargers, etc.
6. Warranty repairs do not extend any further life to the supplier's basic warranty terms and conditions for the equipment.
7. Warranty repair cost is limited only to the cost of supplied items to bring the equipment in operation prior to the warranty repair.

PREPARED BY:


ARLENE GEMINIANA S. NILO
OIC - Head, General Services

APPROVED BY:


ROSANA P. MULA, Ph.D.
Director IV

CONFORME: