



National Power Corporation
REQUEST FOR QUOTATION
(SMALL VALUE PROCUREMENT - 53.9)

August 08, 2024

Sir/Madam:

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. **HO-TFM24-031** Ref. No. SVP240820 - KB003&5 and submit the same in a sealed envelope to be dropped in the designated drop box at the Bids and Contracts Services Division (BCSD), Ground Floor, Diliman, Quezon City **on or before 9:30 AM of 20 August 2024.**

The following documents must be submitted together with your quotation:

1. PhilGEPS Registration, whichever is applicable:

For Platinum Members:

2. Valid and Updated Certificate of PhilGEPS Registration (This should include the attached "Annex A"). In case the Mayor's Permit in the said Annex "A" is expired, a valid/updated Mayor's Permit must also be submitted.

For Red or Blue Members:

- a. Valid Mayor's Permit showing the expiry date
b. PhilGEPS Registration Number ;

3. Other documents: : **See attached End-User's TOR**

Additional Documentary Requirements, if applicable:

- ☒ Omnibus Sworn Statement (use attached Form) (For Total ABC of Above PhP 50,000);
☒ Latest Income Tax Return / Business Tax Return (For Total ABC of Above PhP 500,000);
☐ Professional License/Curriculum Vitae (for Consulting Services only);
☐ PCAB License (for INFRA Projects only);

The Warranty Period shall be: Please refer to the attached TOR

In case of a failed bidding, a re-bidding maybe conducted without prior notice to any previous bidder(s).

For further inquiries, please contact the BAC Secretariat, **Mr. Keano Angelo D. Bernabe** at telephone no/s. 8 - 921-3541 loc 5776 / with e-mail address at kadbernabe.npc@gmail.com

Very truly yours,


ATTY. MELCHOR P. RIDULME
Chairman, Bids and Awards Committee





Republic of the Philippines
NATIONAL POWER CORPORATION

**TERMS OF REFERENCE
ALTERNATIVE MODE OF PROCUREMENT
(SMALL VALUE PROCUREMENT – 53.9)**

1. **Scope of Works:** PRNO.HO-TFM24-031 / REF NO. SV7240820 - KB00385

**FOR THE THREE (3) MONTHS PREVENTIVE MAINTENANCE OF LG MULTI-V A/C SYSTEM
AT NPC HO**

Item No.	DESCRIPTION	QTY.	U/M	ABC (PhP)
1	3 MONTHS MAINTENANCE SERVICE FOR LG MULTI-VARIABLE REFRIGERANT FLOW AIRCONDITIONING SYST	1	LOT	937,500.00
TOTAL				937,500.00

Notes:

- Please see End User's Attached TOR.
- **Warranty:** Shall be at least One (1) Year on labor and materials
- Must submit a filled out Bid Price Schedule (BPS) under Schedule of Requirements in the End User's TOR

APPROVED BUDGET FOR THE CONTRACT: PHP 937,500.00

2. Contract Period

Contract Period shall not be later than **Ninety (90) calendar days** upon receipt of the Purchase Order / Notice to Proceed.

3. Delivery Point

Items/Output shall be delivered at **NPC HEAD OFFICE, DILIMAN, QUEZON CITY**

4. Bid Submission

The Bidder shall submit their bids through their authorized representative or in the manner of submission as prescribed in the RFQ.

5. Late Bids

Any Bid submitted after the deadline for submission and receipt of Bids shall not be accepted by NPC.

6. Bid Prices

The bid price as indicated in the Quotation Form shall be fixed during the Bidder's performance of the Contract and not subject to variation or price escalation on any account. A Bid submitted with an adjustable price quotation shall be treated as non-responsive.

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7. Bid Price Validity

Price Validity shall not be less than One Hundred Twenty (120) calendar days from date of bid submission.

8. Eligibility Criteria

- a. Bids shall be checked using the PASS / FAIL Criteria for Legal, Technical and Financial components.
- b. From the bids that were rated PASSED, the same shall be ranked and corrected for computational errors to identify the Lowest Calculated Quotation (LCQ).

9. Detailed Evaluation and Comparison of Bids

The LCQ shall be subjected to detailed evaluation against the Technical Specifications including arithmetical computations. Documents which are deemed not to comply with the requirements of the tender shall be considered non-complying.

10. Post-qualification

Submitted documents of the LCQ shall be subjected to post qualification evaluation. The bid that PASSED the Post-Qualification shall be declared as the Lowest Calculated Responsive Quotation (LCRQ).

11. Total Contract Price

The Total Contract Price shall be inclusive of all taxes and other related expenses / charges.

12. Notice to Supplier

- a. The supplier shall pick-up the Purchase Order (PO)/ Notice to Proceed (NTP) from NPC within two (2) calendar days from receipt of the Notice of Award.
- b. Failure to secure the PO/NTP by the supplier within the said period will mean cancellation of the same and imposition of penalties as prescribed by law.

13. PO Effectivity

- a. The PO Shall take effect immediately upon receipt of the PO / NTP by the supplier sent through fax as evidenced by the fax transmission receipt and as confirmed by the supplier's representative.

14. Terms of Payment

(See TS-6.0 MISCELLANEOUS – 1. Payment under the End User's TOR)

15. Warranty

Warranty is dependent upon the nature/type of the item which is included in the offer (i.e. Manufacturer's Warranty).

16. Liquidated Damages

Where the supplier refuses or fails to satisfactorily complete the work within the specified contract time, plus any time of extension duly granted and is hereby in default under the contract, the supplier shall pay NPC for liquidated damages, and not by way of penalty, an amount equal to at least one tenth (1/10) of one percent (1%) of the cost of the undelivered/unperformed portion of the items/works for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the procuring entity may rescind or terminate the contract, without prejudice to other courses of action and remedies open to it (Section 68 of the Revised IRR of RA 9184).

17. Liability of the Supplier

If after receipt of the Purchase Order, the supplier fails to deliver the goods, appropriate sanctions will be imposed as prescribed under Republic Act (RA) 9184 and its Revised Implementing Rules and Regulations (IRR).

18. Disclosure of Relations

The bidder shall comply with the provisions of Section 47 of RA 9184 and its revised IRR re: disclosure of relations.

19. Administrative Sanctions

Bidder shall likewise be imposed the rules as stated in section 69 (Imposition of administrative penalties) should there be infractions committed.

20. Reservation Clause

NPC 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/s.

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**SUPPLIER'S BID QUOTATION
(SMALL VALUE PROCUREMENT – 53.9)**

To: The BAC Chairman:

I have read and examined the Terms of Reference for Purchase Requisition (PR) No/s. **HO-TFM24-031**. I agree with the conditions of the TOR and offer the following supplies with specific description:

ITEM NO.	DESCRIPTION OF ITEM / S TO BE SUPPLIED (INCLUDE BRAND NAME)	QTY	UNIT PRICE (PhP)	TOTAL PRICE (PhP)
TOTAL BID PRICE				

Name and Signature of Authorized Representative _____

Date _____

Company Name _____

Contact Details _____

e-mail address _____

Note: The bidder may use this form or its own company letter head following this format duly signed by the authorized representative when making the offer.

TECHNICAL SPECIFICATIONS

TS-1.0 GENERAL

This specification covers the technical requirements for the provision of manpower, equipment, tools, consumable materials, and other incidentals for the ***three (3)-month maintenance service of LG Multi-V Variable Refrigerant Flow (VRF) Air-Conditioning System at NPC Head Office Main Building, Dillman, Quezon City.***

During the *three (3)-month* contract period, the Contractor shall engage properly trained and experienced personnel that shall properly maintain the VRF air-conditioning system in accordance with the provisions as specified in Clause TS-2.0 Scope of Work.

Prospective bidders should conduct actual site inspection of the existing Air-Conditioning System at the NPC head Office Building that will be maintained to appreciate the total works to be undertaken.

All maintenance activities shall be properly coordinated with NPC's Transportation and Facilities Management Division (TFMD). Maintenance activities shall be performed in accordance with LG's instructions and accepted industry practice.

Utmost care shall be strictly observed by the Contractor during maintenance works to avoid damage of any kind to existing structure, equipment and installations. The Contractor shall provide all necessary materials to protect all NPC properties from damage and dirt during maintenance activities.

In the event that any such damage, breakage, or losses occur due to the carelessness, negligence or fault of the Contractor; the Contractor shall repair, replace, or otherwise make good all damaged items at his own expense and to the satisfaction of NPC.

TS-2.0 SCOPE OF WORK

The scope of work shall cover the furnishing of manpower, equipment, tools, consumable materials and other incidentals required for the three (3)-month maintenance service of NPC's LG Multi-V Variable Refrigerant Flow (VRF) Air-Conditioning System in accordance with the specification contained in this section.

The Contractor shall have the necessary LG Multi-V (LGMV) computerized operation monitoring system including laptop computer and other measuring instruments needed for equipment data gathering and status monitoring. LGMV monitoring must be witnessed and the report signed by NPC authorized representative.

TECHNICAL SPECIFICATIONS

All consumable items to be used during maintenance and repair works such as rags, lubricants, soap/detergent, coil cleaner, and other cleaning materials shall be provided by the Contractor.

Air-con technician/s and air-con maintenance aide/s must be highly trained and qualified to perform monitoring, maintenance, and repair works for LG Multi-V VRF Air-Conditioning System. For this purpose, air-con technicians to be assigned by the Contractor must possess and submit to NPC a Maintenance Training Certificate issued by LG.

The maintenance works and services to be performed by the Contractor under this contract shall essentially consist of but not limited to the following:

A. Monitoring

- a.1 Monitoring activities shall be performed by the Contractor from **Mondays to Fridays, 8:00 AM to 5:00 PM** and during the weekend if requested by the end user.
- a.2 The Contractor shall assign at least **one (1) air-con technician and one (1) air-con maintenance aide** to perform the following activities:
 - Once a day monitoring and recording of the operating data/parameters of the VRF air-conditioning system. Operating data to be monitored and recorded shall consist but not limited to:
 - Power supply voltage, current, frequency and power
 - Refrigerant pressure and temperature
 - Room/office temperature
 - System cooling performance
 - Observe and check Fan Coil Units (Indoor Units) and Condensing Units (Outdoor Units) for any abnormalities and malfunctions including unusual noise and vibration;
 - Submit to NPC-TFMD its accomplished log sheets/checklists/report before the end of the day. The data on the log sheets/checklists shall be analyzed by the air-con technician. Any abnormalities shall be reported immediately to NPC-TFMD. Recommendations for preventive or corrective actions must be included in the report.

Note: To avoid interruption in the operation a reliever shall be required in the absence of the assigned AC Technicians.

B. Preventive Maintenance

- b.1 Preventive Maintenance activities shall be performed by the Contractor **every Friday evening until Saturday morning (Start at 6:00 PM to 4:00 AM)**

TECHNICAL SPECIFICATIONS

- b.2 The Contractor shall assign at least **two (2) air-con technicians and five (5) air-con maintenance aides** to perform the following activities:

Bimonthly Basis**I. Fan Coil Units (Indoor Units)**

- Cleaning of air filters, cover grilles, air passage and outlet vanes of one hundred fifty eight (**158 units**) of Fan Coil Units (Indoor Units) as per approved maintenance schedule;
- Preparation and submission of Preventive Maintenance Report complete with accomplished maintenance checklists.

Quarterly Basis**I. Condensing Units (Outdoor Units)**

- Pressure washer-cleaning of condenser coils, fans, fins and casings of sixteen (**16**) of Condensing Units (Outdoor Units) as per approved maintenance schedule;
- Checking and adjustment of electrical controls and safety cut-out points;
- Checking, cleaning and tightening of termination controls;
- Greasing and lubricating of condenser fan motors;
- Preparation and submission of Preventive Maintenance Report complete with accomplished maintenance checklists.

II. Fan Coil Units (Indoor Units)

- Pressure washer-cleaning of evaporator coils, fins, fan/blower blades, drain pans and casings of one hundred fifty eight (**158**) Fan Coil Units (Indoor Units) as per approved maintenance schedule;
- Checking and adjustment of electrical controls and safety cut-out points;
- Checking, cleaning and tightening of termination controls;
- Greasing and lubricating of condenser fan motors;
- Flushing of condensate drain lines;
- Preparation and submission of Preventive Maintenance Report complete with accomplished maintenance checklists.

Note: All accomplished log sheets/checklists/reports shall be submitted to NPC-TFMD within 2 weeks after the scheduled preventive maintenance activities.

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TECHNICAL SPECIFICATIONS

C. Post-Preventive Maintenance Activities (Quarterly Basis)

- c.1 Test start-up and operation after the conduct of quarterly maintenance activities:
- Check and record the operating data and parameters of all Outdoor Units and Indoor Units using LG Multi-V (LGMV) computerized operation monitoring system including but not limited to the following:
 - Operating voltages and currents
 - Operating pressures and temperatures
 - Refrigerant pressure and temperature
 - Check for any refrigerant leak
 - Check for any abnormal vibration and sound of equipment
- c.2 Check and recommend for any deterioration of painting or insulation which requires replacement;
- c.3 Cleaning-up of affected areas after maintenance activities;
- c.4 Preparation and submission of Preventive Maintenance Report complete with accomplished maintenance checklists.

Note: All accomplished log sheets/checklists/reports shall be submitted to NPC-TFMD within 2 weeks after the scheduled post-preventive maintenance activities.

D. Other Maintenance Activities

The Contractor shall perform the following services without any additional fee:

- d.1 Installation of minor parts and accessories not requiring extensive dismantling of equipment;
- d.2 Study and recommend any future improvement of the VRF air-conditioning system.

Notes:

1. ***In the event that any such damage, breakage, or losses occur during maintenance activities due to the carelessness, negligence or fault of the Contractor; the Contractor shall repair, replace, or otherwise make good all damaged items at his own expense and to the satisfaction of NPC.***
2. ***No repairs, replacement of parts or permanent improvements shall be done by the Contractor without the written approval of NPC. Expenses incurred in unauthorized repair or improvements shall be borne by the Contractor and shall be subject to the imposition of applicable sanctions and penalties by NPC.***

TECHNICAL SPECIFICATIONS

E. Repair Works

Should the air-conditioning equipment require repair works during the 3-month maintenance period and in order to avoid disruption of the operation of the air-conditioning system, the Contractor shall undertake said repair works as the need arises or at a pre-arranged schedule depending on the necessity or urgency of the need. These works include all kinds of repair works which will require dismantling or replacement of parts, repair of leaks or those that will need evacuation and recharging of refrigerant; and installation/replacement of minor parts and accessories.

The contractor shall deliver an advance spare parts and supplies materials in the attached list. The period of delivery of the advance spare parts and supplies/materials shall be within 30 days upon implementation of the contract. The contractor is allowed to use these spare parts in emergency cases. However, the Contractor shall replace the same parts that they used within five (5) working days. This is only to prevent the long time stoppage of operation of some units that was affected.

However, no repair works shall be done by the Contractor without the written approval of NPC. The Contractor shall submit to NPC details of the repair works indicating the scope of repair works, supplies and materials needed, parts to be replaced, and duration of repair activities. NPC has the option to require the Contractor to undertake the repair works during the Contractor's non-working time if necessary depending on the urgency or need. The Contractor may proceed only with the repair works after receipt of written approval from NPC. Only supplies/materials and parts used in the repair works will be paid by NPC, labor and consumable materials indicated under TS-2.0, SCOPE OF WORKS, are already considered/covered under the labor cost of the preventive maintenance.

All supplies/materials and parts that will be used for the repair works shall be supplied by the Contractor. These supplies/materials and parts are listed in the attached *List of Supplies/Materials and Parts*. Cost of said supplies/materials and parts shall be included in the contract to be bid. All bid prices of the mentioned supplies/materials and parts are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and its revised IRR.

In case there are supplies/materials and parts which are needed in the approved repair work to be done but are not included in the terms of reference, the total amount of said supplies/materials and parts should not exceed ten percent (10%) of the total Bid Price. Price of supplies/materials and parts which are not listed shall be mutually agreed upon by NPC and the Contractor after a canvass from three (3) reputable sources during contract implementation. All needed supplies/materials and parts intended for every approved repair works should be delivered by the Contractor within the contract period upon the request of NPC. Payment for the repair works shall be billed separately.

TECHNICAL SPECIFICATIONS

All repair works shall be done in accordance with the requirements of the manufacturer and accepted industry practice. Only qualified LG-trained technicians shall undertake the repair works.

All repair works to be undertaken must be witnessed by NPC's authorized representative/s. Repair works shall be guaranteed by the Contractor for at least one (1) year after NPC's acceptance.

The Contractor shall submit a written report of all the repair works done which must be confirmed and signed by NPC's authorized representative/s.

All supplies/materials and parts that will be used for the repair works shall be supplied by the contractor. These parts/supplies/materials and parts are listed below.

**Parts/material List
ACCUs (Outdoor Units) Parts**

Item	Description	Part No.	Qty.	Unit
A.	ACCUs (Outdoor Units) Parts			
1.	PCB Assembly, Main	EBR39778509	1	Pcs.
2.	PCB Assembly, Main	EBR74701804	1	Pcs.
3.	PCB Assembly, Main	EBR74701803	1	Pcs.
4.	PCB Assembly, Fan	EBR73874905	1	Pcs.
5.	PCB Assembly, Main	EBR74701806	1	Pcs.
6.	PCB Assembly, Main	EBR74701807	1	Pcs.
7.	PCB Assembly, Sub	6871A30042D	1	Pcs.
8.	Filter, AC Line	EAM39080202	1	Pcs.
9.	Diode, Bridge	EAH37374701	1	Pcs.
10.	Sensor Assembly, Pressure	EBD62165601	1	Pcs.
11.	Sensor Assembly	6501A20004V	1	Pcs.
12.	Valve, Solenoid	5220A90008F	1	Pcs.
13.	Valve, Solenoid	MJX61841301	1	Pcs.
14.	Valve, Solenoid	5220A90008H	1	Pcs.
15.	Fan Assembly, Propeller	ADP35622901	1	Pcs.
16.	Fan Assembly, Propeller	ADP73273801	1	Pcs.
17.	Thermistor Assembly, NTC, Sub	EBG61107102	1	Pcs.
18.	Thermistor Assembly, NTC	EBG60665405	1	Pcs.
19.	Thermistor Assembly, NTC	EBG61106908	1	Pcs.
20.	Thermistor Assembly, NTC	EBG61207011	1	Pcs.
21.	Thermistor Assembly, NTC, Hex	EBG61207002	1	Pcs.
22.	Coil, Expansion	6141A20032L	1	Pcs.
23.	Valve, Expansion Body	5220A90003C	1	Pcs.

TECHNICAL SPECIFICATIONS

B.	FCUs (Indoor Units) Parts			
1	PCB Assembly, Main	EBR39187717	1	Pcs.
2	PCB Assembly, Main	EBR39187715	1	Pcs.
3	PCB Assembly, Main	EBR39566209	1	Pcs.
4	PCB Assembly, Sub	6871A20712A	1	Pcs.
5	PCB Assembly, Sub	EBR57705312	1	Pcs.
6	PCB Assembly, Sub	EBR57705311	1	Pcs.
7	PCB Assembly, Sub	EBR56463705	1	Pcs.
8	PCB Assembly, Sub	EBR56463702	1	Pcs.
9	PCB Assembly, Sub	EBR57705305	1	Pcs.
10	PCB Assembly, Sub	EBR44258723	1	Pcs.
11	PCB Assembly, Sub	EBR57705302	1	Pcs.
12	PCB Assembly, Sub	EBR57705301	1	Pcs.
13	Fan Assembly, Cross Flow	5901AR6141D	1	Pcs.
14	Fan, Turbo	MDG42451401	1	Pcs.
15	Fan, Turbo	MDG42287901	1	Pcs.
16	Fan Assembly, Turbo	ADP32882601	1	Pcs.
17	Fan Assembly, Turbo	ADP32236101	1	Pcs.
18	Fan, Blower	5900A20052J	1	Pcs.
19	Motor Assembly, DC, Stepping	EAU61003102	1	Pcs.
20	Motor Assembly, DC, Stepping	4681A20042E	1	Pcs.
21	Motor Assembly, DC, Stepping	4681A20055A	1	Pcs.
22	Motor Assembly, DC, Stepping	4681A20055B	1	Pcs.
23	PCB Assembly, Remocon	EBR61891004	1	Pcs.
24	Thermistor, NTC	6323A10002E	1	Pcs.
25	Thermistor, NTC	6323A30004C	1	Pcs.
26	Thermistor Assembly	EBG58712403	1	Pcs.
27	Thermistor Assembly	EBG58713203	1	Pcs.
28	Thermistor Assembly	EBG58712401	1	Pcs.
29	Thermistor Assembly	EBG58713204	1	Pcs.
30	Thermistor Assembly, NTC	EBG61106804	1	Pcs.
31	Fuse, Time Delay	6900AQ9028D	1	Pcs.
32	Louver, Horizontal	5990A20063A	1	Pcs.
33	Louver, Horizontal	MFH42284501	1	Pcs.
34	Louver, Horizontal	MFH36232901	1	Pcs.
C.	Supplies/Materials			
1	Refrigerant, R-410A	N/A	4	Kg.
2	Refrigerant, R-141B	N/A	4	Kg.
3	Oxygen gas	N/A	1	Tank
4	Acetylene gas	N/A	1	Tank
5	Nitrogen gas	N/A	2	Tank
6	Silver rod	N/A	30	Box
7	Silver flux, 8.0 oz.	N/A	2	Can
8	Tape, polyethelene, 0.1m x 45m	N/A	10	roll

TECHNICAL SPECIFICATIONS

TS-3.0 CONTRACT PERIOD AND LOCATION

The contract period shall be three (3) months reckoned from receipt of the Notice to Proceed. Maintenance services shall be performed by the Contractor for NPC's Variable Refrigerant Flow (VRF) Air-Conditioning System in NPC Head Office Gabriel Y. Itchon Building, Sen. Miriam P. Defensor-Santiago Ave. (formerly BIR Road) cor. Quezon Ave. Diliman, Quezon City.

In the event that NPC Head Office is transferred to another building, pre-termination of the contract shall govern provided that a written notice shall be given by NPC to the contractor at least (30) days prior to termination of the contract. This shall be without prejudice to payment of claims which were incurred prior to the termination of the contract.

TS-4.0 DOCUMENTS TO BE SUBMITTED

a) To be submitted with the bid/proposal for evaluation:

a.1 Contractor's Scope of Work (minimum scope as stated in Clause TS-2.0, Scope of Work of this Technical Specifications)

a.2 Proposed Maintenance Schedule (Monthly and Quarterly)

a.3 VRF Maintenance Training Certificate issued by LG Electronics for Contractor's proposed air-con technician, **OR**

Certification from LG Electronics that the Bidder/Contractor is a certified/authorized Maintenance Service Provider of LG Electronics, **OR**

Certification issued by an Authorized Service Dealer and Installer of LG Electronics that the Bidder/Contractor is a Certified Maintenance Service Provider of LG Air-Conditioning Units

a.4 **Certificate of Site Inspection** signed by the Manager-TFMD or his authorized representative to be submitted with the bid proposal (in the 1st Envelope of the Technical Proposal) during the bid opening

a.5 Proposed Maintenance Procedure for cleaning

b) To be submitted during contract implementation:

b.1 Monthly and Quarterly Maintenance Reports

b.2 Maintenance Checklists/Log sheets (Daily, Monthly and Quarterly)

b.3 Maintenance Schedule (Monthly and Quarterly)

All documents in Clause TS-4.0 item b shall be submitted to the Manager - TFMD for evaluation and/or reference.

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TECHNICAL SPECIFICATIONS

TS-5.0 GUARANTEE

The Supplier shall guarantee the replacement of the supplied components/parts at his own expense against defect in design, workmanship and materials for a period of one (1) year after acceptance by NPC.

The Supplier shall submit a Warranty Certificate (at least 1 year) effective from the date of acceptance by NPC.

TS-6.0 MISCELLANEOUS**1. Payment**

Payment for the Air-Conditioning System Maintenance Service to be undertaken by the Contractor for three (3) months contract is inclusive of VAT and shall be made on ~~three~~ (3) equal monthly payments. Monthly payments shall be made every last day of the month and after the submission of the monthly maintenance report.

Payment for the air-conditioner parts, which will be inclusive of VAT shall be made after the delivery, installation, and submission of maintenance report.

Billings for the repair works and/or replacement parts provided by the Contractor shall be made separately and shall be in accordance with Clause TS-2.0 SCOPE OF WORK, Item E contained in this Technical Specifications.

2. Contractor's Performance

The end-user – TFMD, shall rate the Contractor's performance every quarter using the Form – NPC-007.F01, Monitoring Sheet for Externally Provided Processes/Services. A percentage lower than 85% for three (3) consecutive quarters shall be a ground for contract termination.

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TECHNICAL SPECIFICATIONS

BID PRICE SCHEDULE (BPS)**I. MAINTENANCE SERVICES**

Item	Work Description	Quantity	Unit of Measure	Unit Price Per Month (in PhP)	Total Price for 3-month Maintenance Contract (in PhP)
		A		B	C = A x B
1.0	Furnishing of manpower, equipment, tools, consumable materials and other incidentals including VAT and other taxes imposed by the Phil. Govt. for the three (3)-month maintenance service of NPC's LG Multi-V Variable Refrigerant Flow (VRF) Air-Conditioning System in accordance with the Technical Specifications.	3	months		
TOTAL (I – MAINTENANCE SERVICES)					PhP _____
		(Amount in Words)			

Note: The Bidder shall attach a detailed estimates for the above works

Name of Firm

Name & Signature of Representative

Designation

NATIONAL POWER CORPORATION

VII-BPS-1

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TECHNICAL SPECIFICATIONS

**II. SUPPLIES/ MATERIALS AND PARTS OF LG MULTI V III VRF A/C
SYSTEMS INTENDED FOR THE REPAIR WORKS**

Item	Description	Part No	Qty	Unit	Unit Price, Php. (inclusive of VAT and other Taxes imposed by Phil Govt)	Total Price, Php
A.	ACCU's (Outdoor Units) Parts					
1.	PCB Assembly, Main	EBR39778509	1	Pcs.		
2.	PCB Assembly, Main	EBR74701804	1	Pcs.		
3.	PCB Assembly, Main	EBR74701803	1	Pcs.		
4.	PCB Assembly, Fan	EBR73874905	1	Pcs.		
5.	PCB Assembly, Main	EBR74701806	1	Pcs.		
6.	PCB Assembly, Main	EBR74701807	1	Pcs.		
7.	PCB Assembly, Sub	6871A30042D	1	Pcs.		
8.	Filter, AC Line	EAM39080202	1	Pcs.		
9.	Diode, Bridge	EAH37374701	1	Pcs.		
10.	Sensor Assembly, Pressure	EBD62165601	1	Pcs.		
11.	Sensor Assembly	6501A20004V	1	Pcs.		
12.	Valve, Solenoid	5220A90008F	1	Pcs.		
13.	Valve, Solenoid	MJX61841301	1	Pcs.		
14.	Valve, Solenoid	5220A90008H	1	Pcs.		
15.	Fan Assembly, Propeller	ADP35622901	1	Pcs.		
16.	Fan Assembly, Propeller	ADP73273801	1	Pcs.		
17.	Thermistor Assembly, NTC, Sub	EBG61107102	1	Pcs.		
18.	Thermistor Assembly, NTC	EBG60665405	1	Pcs.		
19.	Thermistor Assembly, NTC	EBG61106908	1	Pcs.		
20.	Thermistor Assembly, NTC	EBG61207011	1	Pcs.		
21.	Thermistor Assembly, NTC, Hex	EBG61207002	1	Pcs.		
22.	Coil, Expansion	6141A20032L	1	Pcs.		
23.	Valve, Expansion Body	5220A90003C	1	Pcs.		
					SUB-TOTAL	

Name of Firm

Name & Signature of Representative

Designation

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TECHNICAL SPECIFICATIONS

**II. SUPPLIES/MATERIALS AND PARTS OF LG MULTI V III VRF A/C
SYSTEMS INTENDED FOR REPAIR WORKS (Cont'd...)**

ITEM	DESCRIPTION	PART NO.	QTY.	UNIT	UNIT PRICE, PhP (inclusive of VAT and other Taxes Imposed by Phil. Govt.)	TOTAL PRICE, PhP
B. FCUs (INDOOR UNITS) PARTS						
1	PCB Assembly, Main	EBR39187717	1	Pc.		
2	PCB Assembly, Main	EBR39187715	1	Pc.		
3	PCB Assembly, Main	EBR39566209	1	Pc.		
4	PCB Assembly, Sub	6871A20712A	1	Pc.		
5	PCB Assembly, Sub	EBR57705312	1	Pc.		
6	PCB Assembly, Sub	EBR57705311	1	Pc.		
7	PCB Assembly, Sub	EBR56463705	1	Pc.		
8	PCB Assembly, Sub	EBR56463702	1	Pc.		
9	PCB Assembly, Sub	EBR57705305	1	Pc.		
10	PCB Assembly, Sub	EBR44258723	1	Pc.		
11	PCB Assembly, Sub	EBR57705302	1	Pc.		
12	PCB Assembly, Sub	EBR57705301	1	Pc.		
13	Fan Assembly, Cross Flow	5901AR6141D	1	Pc.		
14	Fan, Turbo	MDG42451401	1	Pc.		
15	Fan, Turbo	MDG42287901	1	Pc.		
16	Fan Assembly, Turbo	ADP32882601	1	Pc.		
17	Fan Assembly, Turbo	ADP32236101	1	Pc.		
18	Fan, Blower	5900A20052J	1	Pc.		
19	Motor Assembly, DC, Stepping	EAU61003102	1	Pc.		
20	Motor Assembly, DC, Stepping	4681A20042E	1	Pc.		
21	Motor Assembly, DC, Stepping	4681A20055A	1	Pc.		
22	Motor Assembly, DC, Stepping	4681A20055B	1	Pc.		
23	PCB Assembly, Remocon	EBR61891004	1	Pc.		
24	Thermistor, NTC	6323A10002E	1	Pc.		
25	Thermistor, NTC	6323A30004C	1	Pc.		
26	Thermistor Assembly	EBG58712403	1	Pc.		
					SUB-TOTAL (B)	

Name of Firm

Name & Signature of Representative

Designation

NATIONAL POWER CORPORATION

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TECHNICAL SPECIFICATIONS

**II. SUPPLIES/MATERIALS AND PARTS OF LG MULTI V III VRF A/C
SYSTEMS INTENDED FOR REPAIR WORKS (Cont'd...)**

ITEM	DESCRIPTION	PART NO.	QTY.	UNIT	UNIT PRICE, PhP (inclusive of VAT and other Taxes imposed by Phil. Govt.)	TOTAL PRICE, PhP
B. FCUs (INDOOR UNITS) PARTS						
27	Thermistor Assembly	EBG58713203	1	Pc.		
28	Thermistor Assembly	EBG58712401	1	Pc.		
29	Thermistor Assembly	EBG58713204	1	Pc.		
30	Thermistor Assembly, NTC	EBG61106804	1	Pc.		
31	Fuse, Time Delay	6900AQ9028D	1	Pc.		
32	Louver, Horizontal	5990A20063A	1	Pc.		
33	Louver, Horizontal	MFH42284501	1	Pc.		
34	Louver, Horizontal	MFH36232901	1	Pc.		
					SUB-TOTAL (B)	

Name of Firm

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TECHNICAL SPECIFICATIONS

**II. SUPPLIES/MATERIALS AND PARTS OF LG MULTI V III VRF A/C
SYSTEMS INTENDED FOR REPAIR WORKS (Cont'd...)**

ITEM	DESCRIPTION	PART NO.	QTY.	UNIT	UNIT PRICE, PhP (inclusive of VAT and other Taxes Imposed by Phil. Govt.)	TOTAL PRICE, PhP
C. SUPPLIES/MATERIALS						
1	Refrigerant, R-410A	N/A	4	Kg.		
2	Refrigerant, R-141B	N/A	4	Kg.		
3	Oxygen Gas	N/A	1	Tank		
4	Acetylene Gas	N/A	1	Tank		
5	Nitrogen Gas	N/A	2	Tank		
6	Silver Rod	N/A	30	Box		
7	Silver Flux, 8.0 oz.	N/A	2	Can		
8	Tape, Polyethylene, 0.1m x 45m	N/A	10	roll		
					SUB-TOTAL (C)	
D. OTHER SUPPLIES/MATERIALS AND PARTS WHICH ARE NOT INCLUDED IN ITEMS A TO C					SUB-TOTAL (D) *see Note 2 below	
					TOTAL (A + B + C + D)	

NOTES:

1. Quantity of Supplies/Materials and Parts as indicated in Items A, B, & C shall be used for Bid Evaluation purposes. Actual quantity to be supplied and delivered shall be as required or needed in the repair works during contract implementation. However, actual total cost of said Supplies/Materials and Parts shall not exceed the Total Bid Price for Items A, B, C and D.
2. Item D above represents other Supplies/Materials and Parts which are not listed in Items A to C but which may be needed during repair works. The Bidder shall also submit a bid price for Item D which shall not exceed 10% of the total bid price for Items A to C.
3. The Bidder shall submit a bid price for Annex C (Items A to D) using the prescribed bidding form (see Section VII – Bid Price Schedule).

Name of Firm

Name & Signature of Representative

Designation

TECHNICAL SPECIFICATIONS

III. SUMMARY OF BID PRICES

ITEM	DESCRIPTION	TOTAL PRICE (PhP)
I.	MAINTENANCE SERVICES	
II.	SUPPLIES/MATERIALS AND PARTS OF LG MULTI V III VRF A/C SYSTEMS INTENDED FOR REPAIR WORKS	
	GRAND TOTAL (PhP)	

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Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

1. [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;

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:
 - 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]