

**SUBJECT :TENDER FORHIRING OF SERVICES FOR MAINTAINENCE & AMC OF ELECTCIAL SUPPLY SYSTEM INCLUDING SWITCHGEAR,HT&LT PANEL)OF AMRAPALI SAPPHIRE-2 , SECTOR-45 , NOIDA**

**TENDER BRIEF:**

Sealed quotations are invited from Electrical Maintenance service providers , having Certificate of Competency Class-I Licenses to Electrical Contractors , issued by any State Government , UT or Central Government what so ever the case may be and meeting the eligibility criteria and terms &conditions as defined in the tender document. The quotes will be submitted in two parts i.e. **Technical Bid** and the **Financial Bid**. Sealed quotations should be enclosed in two separate envelopes marked as “**TECHNICAL BID**” and “**FINANCIAL BID**” to be then put in one single large envelope marked as “**TENDER FOR HIRING OF SERVICES FOR MAINTAINENCE & AMC OF ELECTCIAL SUPPLY SYSTEM INCLUDING SWITCHGEAR, HT & LT PANEL OF AMRAPALI SAPPHIRE-2 , SECTOR-45 , NOIDA, UP-201301**”.

1. Duration of contract shall be for a period of initially two years, extendable for one more year with mutual consent on same terms & conditions and rates.
2. Parties technically qualified as per Eligibility Criteria and Terms &Conditions, defined in the Tender Form would only be eligible for opening their Financial Bids for processing. The financial bids of parties, not qualified in the technical bid will not be considered for evaluation and award processing.
3. Parties technically qualified as per Eligibility Criteria and Terms & Conditions, defined in the Tender Form would only be eligible for opening their Financial Bids for processing. The financial bids of parties, not qualified in the technical bid will not be considered for evaluation and award processing.
4. Prescribed tender form along with Terms and Conditions can be obtained from the Maintenance Office located at Amrapali Sapphire Phase-2, GH-03, SECTOR 45, NOIDA against a tender fee of **Rs.500** which is non-refundable either via QR code available on website [www.amrapalisapphire.co.in](http://www.amrapalisapphire.co.in) under Pay tab or through bank transfer on the following bank account:

Account Name: Amrapali Sapphire Phase-II Apartment Owners Association

Account No. 38796182323

IFSC Code: SBIN0011600

Bank: State Bank of India, sector 44 Branch Noida (UP)

5. Last date of sealed Tender Submission is **06-12-2024** (up to 16:00 Hrs only) and Tender Opening (Technical Bid) date is **06.12.2024** at 19:00 Hrs at AOA Office Amrapali Sapphire Phase-2, GH-03, SECTOR 45, NOIDA tentatively and subject to change with sole desecration of AOA.

## **TENDER DOCUMENT**

### **A. Scope of Work:**

The scope of work is given hereunder but not limited to the following -

- 1. Services for Maintenance of Electrical Supply system including Transformers, Switchgear, HT& LT Panel etc.:** One time maintenance including the servicing and required repair, cleaning etc. shall be carried out by the contractor for all the systems and equipments installed in the HT& LT panel. The faulty parts will be replaced as per the price list, approved by the authorized Engineer-In-Charge of the contract i.e. EIC. Cost of the parts shall be paid as per awarded rates (Rates in Part –C of the contract) extra on actual basis, which is not included in the service cost. Detailed list is available in the price bid.
- 2. Non-comprehensive Annual Maintenance Contract:** Entire Electrical Supply system including Transformer, Switchgear, HT& LT Panel etc. shall be covered under the Annual Maintenance Contract, which will be started from the **date of award of the Work Order** for a period of two years in non-comprehensive manner. The faulty parts will be replaced as per the price list, approved by the authorized Engineer-In-Charge of the contract i.e. EIC. Cost of the parts shall be paid as per awarded rates (Rates in Part –C of the contract) on actual basis, which is not included in the service cost. Detailed list is available in the price bid.
- 3. Part C of the Schedule of the rates is minimum required quantity** and will also be treated as a Rate contract for future additional purchase. Actual quantity may be higher as per site requirement and shall be paid to the contractor on actual basis on the awarded rates in Part-C.
- 4.** All tools, tackles, cleaning items such as cloth / CRC / Grease / Rustoline etc. and safety gears such as helmet / Safety Belt, Gloves, Safety Shoes etc. shall be in the scope of contractor. In addition all associated items such as M. Seal etc. shall be arranged by the contractor what so ever it may be to complete the job in totality without any extra cost to the owner i.e. AOA.
- 5.** It is presumed that only the technical qualified, competent and experienced manpower shall be deployed by the contractor to execute jobs at site, which shall be well supervised by the contractor or its representative only. All safety measures shall be ensured by the contractor.
- 6.** The bidder should have an **office in Delhi/NCR** for ease of operations.
- 7. Call response time** should be **immediate (24x7)** and resolution time should be **4 hours** in case of any major issue in panel disrupting electricity supply. The contractor will provide escalation Matrix to the owner i.e. Amrapali Sapphire, Noida.

8. **Penalty of Rs.1000 per day per fault** shall be imposed if any fault, which is causing disruption of power supply, is not attended within 4 Hrs. of logging the call to the contractor even through voice call / SMS / WhatsApp or any other way of communication. This will exclude the time required to arrange the spares from open market on chargeable basis. However, the maximum penalty will be 10% of the total contract value in an instance.

**B. Conditions of qualifying in Technical Bid ( Bid Evaluation criteria) :**

Following Documents are required to be submitted in the Technical Bid:

1. Company Profile
2. **Certificate of valid Electrical Contractor Licenses** to Electrical Contractors issued by any State Government, UT or Central Government what so ever the case may be to perform repair & maintenance work in Transformer and Electrical HT&LT panel.
3. **Experience Certificate** regarding execution of work , related to Maintenance / AMC / ARC / Supply , Installation & Commissioning of 33KV HT&LT panel / Transformer / Power Cable work etc.with minimum executed value Rs.10 Lakhs in a single work order in last 7 Years , reckoned from Bid due date. In this regard, Bidder is to submit the Copy of work Order and Experience Certificate from the end user. The documents shall be verified during the process.
4. **Annual Turnover** of atleast Rs.10 Lakhs or above from last three financial years (2021-2022, 2022-2023, 2023-2024. Audited balance sheet / CA Certificate is required to substantiate the requirement in this regard.

All supporting documents for the above points to be provided essentially, failing which the technical bid will be rejected.

*Note: AOA means “Apartment Owners Association” Amrapali Sapphire, Sector-45, Noida*

**C. EMD:**

- (a) An earnest money of amount of Rs 25,000/- in form of Demand Draft / Pay Order is required to be deposited with the Amrapali Sapphire Apartment Owners Association (AOA) which will be refunded on finalization of the Tender Process.
- (b) Normal processing time is about 45 days, the earnest money will be an interest free deposit.
- (c) Details of Earnest Money Deposited will be as per format attached at Appendix C

**D. Financial Bid:** Financial bid will be submitted as per format attached at Appendix D duly stamped and signed in a separate sealed envelope.

**E. Security Deposit:** Successful bidder will have to submit security deposit at **10% of the work order value** within 7 days of award of contract in the form of Bank Guarantee for 2 month above the

contract period (24+2 months). This Security will be refundable on termination of contract and no interest on this deposit will be paid. In case the bidder fails to deposit the amount within 7 days, then his bid will be cancelled and the next lowest party as per merit will be invited.

**F. Payment Terms:**

- Payment of Part A i.e. One time maintenance service, will be made after completion of milestone as defined.
- Payment of the part B i.e. AMC of all panel items and Transformer shall be made quarterly basis on submission of valid GST invoice by the vendor.
- Payment of the part C i.e. Supply of spares shall be made on delivery.

**G. Special terms and conditions:**

- a) AmrapaliSapphire-2 AOA reserves the right to reject any or all tenders without assigning any reason.
- b) As per the work load contractor can deploy the onsite engineer to attend the faults as and when required.
- c) The work shall be awarded to technically qualified bidder which will be lowest in Part A,B & C of Financial Bid.
- d) The contractor shall be responsible for ensuring compliance to all statutory guidelines as stipulated by the government like minimum wages act, Payment of EPF/ESIC, Bonus etc. as applicable from time to time.***In addition, a workman compensation policy of Rs. 2 Lakhs per person shall be obtained by the contractors on its own cost, valid for entire contract period. No extra payment shall be made on this account.***
- e) There will be no interim revision of rates whatsoever during the pendency of contract except as agreed by AOA.
- f) Detailed terms and conditions will be signed in the agreement with the successful bidder before the award of job.
- g) All quotations shall have a validity of 90 days from the closure of the tender date. Parties to issue an undertaking along with the financial bid.

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**APPENDICES TO BE ATTACHED ALONG WITH TENDER BID.**

Appendices A, B and C will be submitted in separate envelope as part of technical bid and Appendix D will be submitted in a separate sealed envelope marked as financial bid.

**APPENDIX- A**

**Work Profile of Last five Years**

SL NO	Name of site and deployment	Location	Electrical Items for which AMC is taken	Duration of contract	Amount of contract in INR-Lakhs.

**Authorized signatory**

**Date:**

**stamp**

## **APPENDIX B**

### **Performance Certificate**

It is hereby certified that M/S----- has provided AMC for Electrical Switchgear (HT&LT panel) for our location (name of company and address) from -----period. Total numbers of Items under AMC are ----- and their performance has been satisfactory/good/excellent.

**Authorized signatory**

**Date:**

**stamp**

**APPENDIX C**

**DETAILS OF EARNEST MONEY**

<u>Demand Draft No.</u>	<u>Bank</u>	<u>Date</u>	<u>Amount</u>

**Date:**

**Authorized signatory**

**stamp**

**APPENDIX D**  
**FINANCIAL BID**

As per enclosed Sheet Annexure-D

**Date:**

**Authorized signatory**  
**stamp**



**TENDER FOR AMC OF HT & LT ELECTICAL PANEL OF AMRAPALI SAPPHIRE-2**

**APPENDIX-D: PRICE BID**

<b>PART :A Rates for One Time Maintenance of Electrical Switchgear</b>					
<b>Sr. No.</b>	<b>Description of Services</b>	<b>Unit</b>	<b>Qty</b>	<b>Total Unit Price (INR)</b>	<b>AMOUNT (INR)</b>
1	Servicing of Main Incomer 33 KV, 1250 A VCB . Make : C.G. , Prod Year : 2013 . This includes cleaning & tightness of Breaker & panel Busbar & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . High pot testing, IR value , Vaccum bottle testing , Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	2		
2	Servicing of Incomer & Outgoing 33 KV, 1250 A VCB . Make : ABB, Model : VD4/W36.12.32, Prod Year : 2015. This includes cleaning & tightness of Breaker & panel Busbar & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . High pot testing, IR value , Vaccum bottle testing , Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	5		
3	Servicing of LT Incomer 415V, 3200 A Air Ckt Breaker, Make : ABB , Model : SACE E3N 32 . This includes cleaning & tightness of Breaker & panel Busbar & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . IR value checking , Contact cleaning ,Impresion of main contact gap , setting of moving contacts, Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	12		
4	Servicing of DG Incomer 415V, 3200 A Air Ckt Breaker, Make : ABB , Model : SACE E3N 32 . This includes cleaning & tightness of Breaker & panel Busbar & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . IR value checking , Contact cleaning ,Impresion of main contact gap , setting of moving contacts, Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	3		
5	Servicing of Out going LT Feeder, 415V, 1250 A Air Ckt Breaker, Make : ABB , Model : SACE E1N 12 . This includes cleaning & tightness of Breaker & panel Busbar & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . IR value checking , Contact cleaning ,Impresion of main contact gap , setting of moving contacts, Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	9		
6	Servicing of LT Bus-coupler, 415V, 1600 A Air Ckt Breaker, Make : ABB , Model : SACE E1N 12 . This includes cleaning & tightness of Breaker & panel Busbar & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . IR value checking , Contact cleaning ,Impresion of main contact gap , setting of moving contacts, Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	3		
7	Servicing & Testing of 33 KV/415 V, 2250 KVA Dry Type Transformer . Make : Kirloskar/Unimag .Testing of Magnetic current , Magnetic Balance, Checking of IR value & calibration of Winding Temperature Relay .This includes cleaning & tightness of transformer .Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	3		
8	Servicing of 415 V, 1000 Amp Tower Rising Main .This includes cleaning & tightness of Busbar duct & it's associated panel . Removing of moisture & sealing of all gaps with silicon sealant . IR value checking .Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	14		
9	Servicing of LT panel, 415V, 2000 A , Make : ABB . This includes cleaning & tightness of panel Busbar , Incoming & out going cables & it's associated control wiring . Removing of moisture & sealing of all gaps with silicon sealant . IR value checking , Relay testing & calibration . Supply of manpower, Tools , Tackles, Measuring Instrument, CRC, Rustoline, silicon sealant, cotton waste etc is in scope of contractor .	No.	1		

10	Painting of existing Electrical HT/LT Panel, Bus Ducts, Transformers etc. with Epoxy primer layer , heat resistant enamel paint ( 2 layers) with proper surface prepration, Color Light Grey, Shade 631 of IS 5 and all associted jobs. Supply of manpower, Spray painting machine, Paint, Primer, cotton waste, Emery Paper etc is in scope of contractor .	Sq Ft	500		
<b>Basic Total ( Rs.)</b>					
<b>GST Rate</b>					
<b>Total( Rs.)</b>					

Part : B Rates for Non-Comprehensive Annual Maintenance Contract					
Sr .No.	Description of Services	Unit	Qty	Total Unit Price (INR)	AMOUNT (INR)
1	AMC of Main Incomer 33 KV, 1250 A VCB .( Refer Item No. Part-A-01) This includes unlimited Breakdown maintenance on call basis without Spares & monthly visit on site .Payment will be released based on submission of monthly visit site service Report .	No.	2		
2	AMC of Incomer 33 KV, 1250 A VCB .( Refer Item No. Part-A-02) This includes unlimited Breakdown maintenance on call basis without Spares & monthly visit on site .Payment will be released based on submission of monthly visit site service Report .	No.	5		
3	AMC of LT Incomer 415V, 3200 A Air Ckt Breaker, Make : ABB , Model : SACE E3N 32 ..( Refer Item No. Part-A-03) This includes unlimited Breakdown maintenance on call basis without Spares & monthly visit on site .Payment will be released based on submission of monthly visit site service Report .	No.	12		
4	AMC of DG Incomer 415V, 3200 A Air Ckt Breaker, Make : ABB , Model : SACE E3N 32 .( Refer Item No. Part-A-04) This includes unlimited Breakdown maintenance on call basis without Spares & monthly visit on site .Payment will be released based on submission of monthly visit site service Report .	No.	3		
5	AMC of Out going LT Feeder, 415V, 1250 A Air Ckt Breaker, Make : ABB , Model : SACE E1N 12 ( Refer Item No. Part-A-05) This includes unlimited Breakdown maintenance on call basis without Spares & monthly visit on site .Payment will be released based on submission of monthly visit site service Report .	No.	9		
6	AMC of LT Bus-coupler, 415V, 1600 A Air Ckt Breaker, Make : ABB , Model : SACE E1N 12 . ( Refer Item No. Part-A-05) This includes unlimited Breakdown maintenance on call basis without Spares & monthly visit on site .Payment will be released based on submission of monthly visit site service Report .	No.	3		
Basic Total( Rs)					
GST Rate ( Rs)					
Total ( Rs)					

Part: C Supply of Spare Parts					
Sr. No.	Item Description	Unit	Qty	Total Unit Price (INR)	AMOUNT
1	ACB Pole Assy 800 to 1600A make ABB	EA	1		
2	ACB Operating Mechanism make ABB	EA	1		
3	ACB Spring Charging Motor make ABB	EA	1		
4	ACB Under Voltage Coil Make ABB	EA	1		
5	ACB Closing Coil Make ABB	EA	1		
6	ACB Shunt Coil Make ABB	EA	1		

**Part: C Supply of Spare Parts**

Sr. No.	Item Description	Unit	Qty	Total Unit Price (INR)	AMOUNT
7	ACB Cradle Contact make ABB	EA	1		
8	ACB Jaw Contact 800 to 1600A make ABB	EA	1		
9	ACB CT 800 to 1600A make ABB	EA	1		
10	ACB Pole Assy 2000 to 2500A make ABB	EA	1		
11	ACB Cradle Contact 2000 to 2500A make ABB	EA	1		
12	ACB Jaw Contact 2000 to 2500A make ABB	EA	1		
13	ACB Pole Assy 3200 to 4000A make ABB	EA	1		
14	ACB Cradle Contact 3200 to 4000A	EA	1		
15	ACB Jaw Contact make ABB	EA	1		
16	ACB Release PR121 make ABB	EA	1		
17	ACB Racking Assy make ABB	EA	1		
18	VCB Spring Charging Motor	EA	1		
19	VCB Insulator	EA	1		
20	VCB Spout	EA	1		
21	VCB Operating Mechanism	EA	1		
22	VCB IDMT Relay E/F O/C	EA	1		
23	VCB Vacuum Bottle	EA	1		
24	VCB Jaw Contact	EA	1		
25	VCB Closing Coil	EA	1		
26	VCB Shunt Coil	EA	1		
27	CT 33KV , SAVIO & Electro Control System Make	EA	1		
28	PT 33KV,SAVIO & Electro Control System Make	EA	1		
Basic Total (Rs.)					
GST Rate (Rs.)					
Total (Rs.)					
GRAND TOTAL ( PART A + PART -B + PART-C) (Rs.)					

Authorized signatory

Date:

Stamp