



No. KVAOWA/GGN/2024/14/ 4543

Dated: 21st March, 2024

INVITATION OF BIDS

Subject: Servicing/Maintenance of Sub-stations, equipment and transformers along with vacuum dehydration and filtration of transformer oil installed at Kendriya Vihar, Sector-56 through limited Tender

Kendriya Vihar Apartment Owners Welfare Association (KVAOWA), Sector-56, Gurugram is currently in the process of servicing/maintenance of Sub Stations equipment and vacuum dehydration with filtration of Transformers oil installed at Kendriya Vihar, Sector-56 and inviting Bids from reputed organizations having minimum work experience of 3 years of similar nature for the electrical work mentioned below through limited Tender

a) Scope of Work for these equipment installed for electrical distribution system 11 KV/440 KV supply are given below:

- 1) Servicing/maintenance of all transformers (Total 11 Nos) of ratings 11 kv/440 V - 1000 KVA, 1250 KVA, 1500 KVA with cleaning of bush (input/output sides), all terminals and boxes with checking and testing as required.
- 2) Transformer vacuum dehydration at site using required vacuum dehydration machinery and filtration including testing of oil (BDV strength) (before and after dehydration) minimum 60 KV of BDV to be achieved after dehydration with calibrated testing kit (Break Down Voltage Kit) at site
- 3) Servicing/maintenance of all Buchhoiz relays installed and verification with complete testing for functioning with all breaker and relays
- 4) Toppings up with good quality new Transformer oil if required.
- 5) All Silica gel breathers to be replaced with new silica gels
- 6) Servicing/maintenance of OCB, CT and PT including oil dehydration, cleaning and testing.
- 7) Servicing of ACB with cleaning of contacts and required maintenance
- 8) Replacement and installation of all WTI and OTI by good quality new meters/sensor with new wiring and testing in system.
- 9) Replacement of all 8 Nos battery power pack by new 24 Volt Battery system along with installation and integration in system.
- 10) Servicing/maintenance and functioning with testing of all relays and other switchgear/breakers.
- 11) Checking of Earth Pit and servicing as required for getting required resistance values

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KENDRIYA VIHAR APARTMENT OWNERS WELFARE ASSOCIATION (KVAOWA)
KENDRIYA VIHAR, SECTOR-56, GURUGRAM (HARYANA) – 122011
(Registered under Societies Registration Act No.1 of 2012 Registration No. 00651 Dated 25/4/2013)

12) HT/LT Cable (input & Output side) insulation testing and condition verification.

- b) Servicing and maintenance to be carried out by experienced and qualified personnel complying with safety rules/regulations and relevant standard for maintenance. Minimum 6 months warranty for satisfactory performance of the whole system to be given.
- c) All interested and qualified vendors are requested to submit their bids in accordance with the details of work mentioned above quoting price for each item. If necessary, site visit may be done to get further clarification. They are also required to provide details of work experience for the last 3 years done successfully for similar activities.

Last Date of Submission of Proposal: 10.04.2024 at 5.00 PM in sealed cover titled "Bid for Servicing of Electric Sub stations" at Kendriya Vihar , Sector -56, Gurugram, Haryana.

If you have any queries or clarification regarding this tender please, contact Shri Somdutt, (Electrical Manager) contact no. 9891649760.

P. Padmavati

(P Padmavati)
Secretary, KVAOWA

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