



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.

[An ISO 9001 : 2008 Certified Company]

OFFICE OF THE ASSISTANT ENGINEER

132 kV GSS, MUNDSAR, BIKANER

E-mail: - aen_132_mundsar@rvpn.co.in Mob.-08764879032

No. - RVPN/AEN/132kV/GSS/MDS/F.30 /D. 119

Dated- 23.8.2016.

M/S

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Sub: - Regarding work of maintenance of bays, Power Transformer and Bus Bars on CLRC rate at 132 KV GSS, MUNDSAR(Bikaner).

Ref.: - Letter NO. RVPN/SE/SSPC/TK/A.1/TN-2975/CLRC/D-501 Dated 24-05-2013 issued by the SE(SSPC), RRVPNL, Jaipur.

On the above cited subject and reference, Due to shortage of staff (Sanctioned Strength 11 Nos. and Working Strength 08 Nos.) the work of maintenance of bays, Power Transformer and Bus Bars to be carried out on CLRC rate at 132 KV GSS, MUNDSAR for the financial year 2016-17. May kindly arrange to convey your consent if you are interested to execute the said work of maintenance on CLRC rate at 132 KV GSS, MUNDSAR. The copy of G-Schedule of above said work is enclosed here with.

Please acknowledge the receipt of this order and confirm your acceptance with in a period of 10 days positively, from the date of dispatch of this letter. So that action may be taken accordingly.

AN EARLY ACTION IN THIS MATTER IS REQUESTED

NIT Starting Date: 23/08/2016 09:30 AM
NIT End Date: 01/09/2016 17:30 PM

Enclosed G- Schedule amounting

Thanking you,

Yours Faithfully


(Er. D.C GARG)

**ASSISTANT ENGINEER
132 KV GSS, MUNDSAR**

Copy submitted to the following for kind information and necessary action please:

1. The Superintending Engineer (T&C) RVPN, Bikaner
2. The Executive Engineer (220KV GSS) RVPN, Badnu.
3. The Feeder Manager (T&C), RRVPNL, BIKANER.
4. Notice Board.



(Er. D.C. GARG)
**ASSISTANT ENGINEER
132 KV GSS, MUNDSAR**

Office of the Assistant Engineer 132 KV GSS, RVPN , MUNDSAR

Name of work: - G- SCHEDULE FOR Maintenance of Bays, Power Transformer and Bus Bars at 132 KV GSS MUNDSAR For 6 Months

| Code no. | Description | Unit | Rate | Quantity | Amount |
|---|---|----------|----------|----------|---------|
| | | | (rupees) | | |
| | MAINTENANCE OF BAY EQUIPMENTS | | | | |
| | Providing of work assistance as given below in maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lightning Arrestors, Isolators CVTs, PLCC equipments and corresponding control and relay panels. (All spares, lubricating material and only special T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the contractor.) | | | | |
| 3.0 | a) Checking of tightness of clamp & connectors. | | | | |
| | b) Cleaning of all insulators. | | | | |
| | c) Attending to oil leakage, if any. | | | | |
| | d) Cleaning of all junction Boxes and secondary terminal boxes. | | | | |
| | e) Checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits. | | | | |
| | f) Measurement of CB operation timings. | | | | |
| | g) Checking of isolator operation and its alignments. | | | | |
| | h) Checking of gas pressures like SF6 & N2 in circuit breakers/ CTs, etc. | | | | |
| | i) Measurement of IR values of LAs, CTs, and CVTs. | | | | |
| | j) Lubrication of defined parts of all equipments all required points. | | | | |
| | k) Washing the equipments. In case oil stains are present, then washing is to be done with use of detergent solution. | | | | |
| | l) Cleaning of C&R panel from inside. | | | | |
| | m) Providing other related work assistance as may be required by work- in - charge. | | | | |
| 3.3 | 132 KV Bay (1 No. Supervisor + 6 Nos Workmen) | Each Bay | 1892.00 | 4 | 7568.00 |
| 3.4 | 33 KV Bay (1 No. Supervisor + 5 Nos Workmen) | Each Bay | 1666.00 | 6 | 9996.00 |
| | Maintenance of Power Transformers. | | | | |
| | Providing of work assistance as given below in maintenance of POWER TRANSFORMERS for the following type of POWER TRANSFORMERS Bay (All spares, lubricating material and Only special T&P shall be provided by the RVPN. Cleaning material and general T&P shall be provided by the contractor.) | | | | |
| 4.0 | a) Cleaning of porcelain of bushing . | | | | |
| | b) Checking of tightness of clamps and connectors. | | | | |
| | c) Cleaning of Buchholz relay and oil surge relay. | | | | |
| | d) Cleaning of glasses of oil level indicators | | | | |
| | e) Cleaning of marshalling box, cooler control cubical thermometer Etc. as provided. | | | | |
| | f) Attending to oil leakage from transformer body and bushing. | | | | |
| | g) Checking of oil level in oil filled bushing. | | | | |
| | h) Checking of drycol air drying system | | | | |
| | i) Measurement of IR values | | | | |
| | J) Measurement of Earth Resistance | | | | |
| | K) Testing of PRD | | | | |
| | l) Checking of tripping circuits and winding oil temperatures control and protection scheme. | | | | |
| | m) Checking of OLTC gear operations. | | | | |
| n) Checking of auto circuits of cooling bank. | | | | | |
| o) Taking of OIL sample for testing. | | | | | |
| p) To carry out other special measurements as may be required. | | | | | |
| q) Providing of other related work assistance as may be required by work In charge. | | | | | |
| 4.3 | 132/33 KV ,25 MVA Transformers (5 Nos Workmen) | Each | 1220.00 | 1 | 1220.00 |
| 4.4 | 33/0.4 KV,250 KVA ,Stan.Transformer(3 Nos Workmen) | Each | 774.00 | 1 | 774.00 |


JUNIOR ENGR (M)
132 KV GSS, RVPN
Mundsar, Bikaner


Assistant Engineer
132 KV GSS, RVPN
Mundsar, Bikaner

