To
All Contractors registered under T&C

M/S

M/S

Notice Board Bansur

Dear Sir,
Please quote rates for the following on G Schedule enclosed

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Particulars</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Maintenance of Bay Equipments, Bus Bars &amp; Transformer at 220 KV GSS Bansur (up to 31/12/2018)</td>
<td>For one Frequency as per G-schedule.</td>
</tr>
</tbody>
</table>

Terms & conditions:

1. The prices should be for destination or otherwise F.O.R.
2. Taxes etc. if chargeable, should be shown regularly.
3. The firm should clearly mention specification enclose necessary literature.
4. Rates should be quoted in sealed cover which should bear enquiry No. and due date of opening.
5. The supply / work is to be made for one quarter up to 31.12.2018 from the date of receipt of order.
6. If supply / work is not completed within the specified times, penalty as usual shall be imposed.
7. Tender received late on any account shall not be considered.
8. Tender should reach this office by 2.00 PM on Dated 26.12.2018 & shall be opened on the same day at 2.30 pm on dated 26.12.2018 in the presence of the renderer who may wish to attend.
9. The undersigned reserved the rights to reject any or all tenders without assigning any reason.
10. Payment will be made by Circle Accounts Officer after receipt of material / on completion of work after duly verified bill by the consignee with a month.
11. The quantity of material/work can be increased / decreased as per requirement.
12. Earnest money 2 % will be deposited wherever possible.
13. Tender & G-Schedule may be received from this office free of cost.

Executive Engineer (220 KV GSS),
RVPN Bansur
G SCHEDULE OF WORK WHOSE RATES ARE TO BE QUOTED BY TENDERER/ CONTRACTOR

G-Schedule for quoting the rates under NIT(TN No:_____ FY- 2018-19) for Maintenance of Bay Equipments, Bus Bars & Transformer at 220 KV GSS, RVPN, Alwar, as per BSR 2017 with following specification/ Terms & Condition: FY 2018-19.

G-Schedule for Maintenance of bay equipments, Bus Bars & Transformer at 220 KV GSS, Bansur (As per BSR 2017)

<table>
<thead>
<tr>
<th>S. No</th>
<th>BSRI Code No.</th>
<th>Description</th>
<th>Unit</th>
<th>Unit Rate in Rs.</th>
<th>Qty.</th>
<th>Amount</th>
<th>Rate Quote by Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Maintenance of bay equipments</td>
<td>each bay</td>
<td>3104</td>
<td>6</td>
<td>18624</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Maintenance work of following bay equipments such as circuit breaker, current transformers, Lightning arrestors, isolators, CVTs, PLC equipments, and corresponding control and relay panels. (All spares, lubricating material and only special T&P shall be provided by RVPN. Cleaning material & general T&P shall be arranged by the contractor.)
  - a) Checking of tightness of clamps & connectors.
  - b) Cleaning of all insulators.
  - c) Assistance to RVPN in attending to oil leakage, if any.
  - d) Cleaning of all junction Boxes and secondary terminal boxes.
  - e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits.
  - f) Assistance to RVPN in measurement of CB operation timings.
  - g) Checking of isolator operation and its alignments.
  - h) Checking of gas pressure like SF6 & N2 in circuit breakers / CTs, etc.
  - i) Assistance to RVPN in measurement of IR values of LAS, CTs, and CVTs.
  - j) Lubrication of defined parts of all equipments at all required points.
  - k) Washing the equipments, in case all stains are present, then washing is to be done with use of detergent solution.
  - l) Cleaning of C&R panel from inside.
  - m) Tightening of clamps & connectors and spacers on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp / connectors of all associated equipments connected to such overhead bus.
  - n) Providing other related work assistance as may be required by incharge.

220KV Bay | each bay | 3104 | 6 | 18624 |
132 KV Bay | each bay | 2518 | 6 | 15108 |
33 KV bay  | each bay | 2218 | 9 | 19962 |

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## Maintenance of power Transformer

Maintenance of power transformers for the following types of power Transformers.(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.)

- a) Cleaning of porcelain of bushings.
- b) Checking of tightness of clamps & connectors.
- c) Checking of Buchholz & oil surge relays.
- d) Cleaning of glasses of all oil level indicators.

- e) Cleaning of marshalling box, cooler control cubical, thermometer etc., as provided.
- f) Assistance to RVPN in attending to oil leakage from Tr. Body & bushings.
- g) Checking of oil level in oil filled bushing.
- h) Checking of Drycol air drying system.
- i) Assistance to RVPN in measurement of L.R. values.
- j) Assistance to RVPN in measurement of earth resistance.
- k) Assistance to RVPN in testing of PRD.
- l) Assistance to RVPN in checking of tripping circuit of Buchholz & WDG, oil temperature controls and protection scheme.
- m) Checking of OLTC gear operation.
- n) Assistance to RVPN in checking of auto circuits of cooling bank.
- o) Taking of oil samples for testing.
- p) Assistance to RVPN in carrying out other special measurement as may be required.
- q) Providing of other related work assistance as may be required by work incharge.

220/132KV, 160MVA

| Each trf | 1806 | 1806 |

132/33 KV

| Each trf | 1624 | 1624 |

33/0.4KV Aux. Supply station transformer.

| Each trf | 1031 | 1031 |

## Maintenance of Bus bars and associated equipments

Maintenance work of Bus bar of various voltage level.(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.)

- a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp / connectors of all bus side associated equipments.
- b) Replacement of warn out clamps & connectors of bus during work under item no. (a).
e) Cleaning of all insulators of suspension and tension string of Bus bar and insulators of bus isolators, Bus CVT's / PT's.
d) Checking of operation of Bus isolators and their alignment including motorized operation.
e) Maintenance of operating mechanism & switches, etc. of isolators.
f) Lubrication of all moving parts of isolators.
g) Providing of other related work assistance as may be required by work-in-charge.

<table>
<thead>
<tr>
<th>220 KV Bus section</th>
<th>each section</th>
<th>2582</th>
<th>3</th>
<th>7746</th>
</tr>
</thead>
<tbody>
<tr>
<td>132 KV Bus section</td>
<td>each section</td>
<td>1925</td>
<td>2</td>
<td>3850</td>
</tr>
<tr>
<td>33 KV Bus section</td>
<td>each section</td>
<td>1798</td>
<td>2</td>
<td>3596</td>
</tr>
</tbody>
</table>

Total 'A' 73347

Total amount for quarterly maint.)

(Rs. Seventy Three Thousand Three hundred Forty Seven only)

Tender will be accepted upto 2PM of dated 06.12.18 & will be opened on the same day i.e. on dated up to 2.30 PM on date 06.12.18

Terms and conditions:-

1. For cleaning all the materials & essential equipments required to be arranged by the contractor himself.
2. The Payment shall be made by the A.O (T&C), RVPN, ALWAR through RTGS/NEFT after completion of works found satisfactory and duly verified by the consignee.
3. All the debris, grass and routs material shall be trough away outside the GSS premises at the place decided by the work in charge officer.
4. Work shall be carried out under the direction and supervision of the AEN/JEN assigned.
5. Safety of labour shall be ensured by the contractor and in case of any accident fatal/ non fatal responsibility will be of the contractor.
6. All risk will be on the part of contractor. The contractor shall be liable for all legal complications which may came up during the course of execution of their contract.
7. P.F. will be deducted as per norms.
8. GST Applicable.

Executive Engineer
220 KV GSS Bansur

AO (TEC)
RVPN, Alwar

Superintending Engineer (T&C)
RVPN, Alwar
Rate quoted IN % as per on BSR 2017 above-----------------or below------------------

Amount Quoted by contractor in words..........................................................

Date:
Place:

Authorized Signatory/ Contractor