No./RVPN/AEN/132 KV GSS/ MTR/f /D:-115   Dt:-22/07/2016

To,

All Registered contractor
Under T&C, Ajmer Zone.

The acceptance are invited from the contractors registered Under Ajmer Zone/ Circle T&C, Merta to carrying out the Maintenance Work of Bay equipments, Power Transformers & Bus-bars and associated equipments at 132 KV GSS, RVPN, Merta Road (Nagaur) for F. Y. 2016-17 on the rates, terms and condition of CLRC which are issued by the Superintending Engineer (SSPC) RVPN Jaipur vide letter No. RVPN/SE/SSPC/TK/A.I/TK/2975/CLRC/D. 501 Dated 24.05.2013 and further extended vide letter No. 303 Dt.18.05.2015 and D. 1151 Dt.11.09.2015. The acceptances will be received up to Dated 01/08/2016 at 03:00 PM Otherwise it will be presumed that you are not interested to carrying out the above work.

Enclosed:-G-Schedule

(H.K.Yogi)
Assistant Engineer (132 KV GSS), RVPN, Merta Road

Copy submitted/forwarded to the following for kind information & a please.
1. The Superintending Engineer (T&C) RVPNL, Merta.
2. The TA to ZCE (T&C) RVPN, Ajmer uploading of NIT/G-Schedule on the web site of Nigam.
3. The Executive Engineer (400 KV GSS) RVPN Merta.
4. The Accounts officer (TCC-III) RVPN Ajmer.

Assistant Engineer (132 KV GSS), RVPN, Merta Road
G-schedule for Maintenance of Bay equipment’s for the year 2016-17 at 132 KV GSS, RVPN L, Merta Road
(Two times Maintenance [August 16 to March 17] i.e till 31.03.2017)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Particulars</th>
<th>No. of bay</th>
<th>Frequency of maintenance to be done in a year</th>
<th>Rate as per BSR for each bay</th>
<th>Amount as per BSR (04.04.2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Providing of work assistance as given below in Maintenance work of following bay equipment’s such as Circuit Breaker, Current Transformers, Lightning Arresters, Isolators, CVTs, PLCC equipment’s and corresponding Control &amp; Relay panel. (All spares, lubricating material and only special T&amp;P shall be provided by RVPN. Cleaning material and general T&amp;P shall be arranged by the contractor.)</td>
<td>4 Nos.</td>
<td>2</td>
<td>1892</td>
<td>15136.00</td>
</tr>
<tr>
<td></td>
<td>a. Checking of tightness of clamps &amp; connecters.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Cleaning of all insulators.</td>
<td></td>
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<td></td>
<td>c. Attending to oil leakage, if any.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>d. Cleaning of all junction boxes and secondary terminal boxes.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>e. Checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits.</td>
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<td></td>
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<tr>
<td></td>
<td>f. Measurement of CB operation timings.</td>
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<td></td>
<td>g. Checking of isolator operation and its alignment.</td>
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<tr>
<td></td>
<td>h. Checking of gas pressures like SF6 &amp; N2 in circuit breakers/CTs etc.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>i. Measurement of IR values of LAs, CB and CVTs.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>j. Lubrication of defined parts of all equipment’s of all required points.</td>
<td></td>
<td></td>
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</tr>
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<td></td>
<td>k. Washing the equipment’s, in case oil stains are present, then washing is to be done with use of detergent solution.</td>
<td></td>
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<tr>
<td></td>
<td>l. Cleaning of C&amp;R panel from inside.</td>
<td></td>
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<tr>
<td></td>
<td>m. Providing other related work assistance as may be required by in charge.</td>
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</tr>
<tr>
<td></td>
<td>132 KV Bay (01 no. supervisor+06nos. workmen)</td>
<td>132 KV Bay (01 no. supervisor+05nos. workmen)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>33 KV Bay (01 no. supervisor+05nos. workmen)</td>
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<tr>
<td></td>
<td></td>
<td>11 Nos.</td>
<td>2</td>
<td>1666</td>
<td>36652.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total</td>
<td></td>
<td>51788.00</td>
</tr>
</tbody>
</table>

(SAY RUPEES FIFTY ONE THOUSAND SEVEN HUNDRED EIGHTY EIGHT ONLY)
G-schedule for Maintenance of power Transformers equipment’s for the year 2016-17 at 132 KV GSS, RVPN L, Merta Road, (Two times Maintenance(August 16 to March 17 ) i.e till 31.03.2017)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Particulars</th>
<th>No. of Transformers</th>
<th>Frequency of maintenance to be done in a year</th>
<th>Rate as per BSR for each bay</th>
<th>Amount as per BSR (04.04.2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Nos.</td>
<td>Nos.</td>
<td>Rs.</td>
<td>Rs.</td>
</tr>
<tr>
<td>1.</td>
<td>Providing of work assistance as given below in Maintenance of power transformers for the following types of power transformers. (All spares, lubricating material and only special T&amp;P shall be provided by RVPN. Cleaning material and general T&amp;P shall be arranged by the contractor.)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a. Cleaning of porcelain of bushes.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>b. Checking of lightness of clamps &amp; connecters.</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>c. Cleaning of Buchholz and Oil surge relays.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>d. Cleaning of glasses of all oil level indicators.</td>
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<td></td>
<td>e. Cleaning of marshaling box, cooler control cubicle thermometer, etc. as provided.</td>
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<tr>
<td></td>
<td>f. Attending to oil leakage from transformer body &amp; bushings.</td>
<td></td>
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<tr>
<td></td>
<td>g. Checking of oil level in oil filled bushings.</td>
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<tr>
<td></td>
<td>h. Checking of Drycol air drying drum.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>i. Measurement of IR values.</td>
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</tr>
<tr>
<td></td>
<td>k. Testing of PRD.</td>
<td></td>
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<tr>
<td></td>
<td>l. Checking of tripping circuits of Buchholz &amp; WDG, oil temperature controls and protection scheme.</td>
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<tr>
<td></td>
<td>m. Checking of OLTC gear operations.</td>
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<tr>
<td></td>
<td>n. Checking of auto circuits of cooling bank.</td>
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<td></td>
<td>o. Taking of oil samples for testing.</td>
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<td></td>
<td>p. To carry out other special measurements as may be required.</td>
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<tr>
<td></td>
<td>q. Providing of other related work assistance as may be required by work in charge.</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. 132/33 KV (5 Nos. workmen)</td>
<td>2 No.</td>
<td>2</td>
<td>1220.00</td>
<td>4880.00</td>
</tr>
<tr>
<td></td>
<td>2. 33/0.4 KV (3 Nos. workmen)</td>
<td>1 No.</td>
<td>2</td>
<td>774.00</td>
<td>1548.00</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>6428.00</td>
</tr>
</tbody>
</table>

(SAY RUPEES SIX THOUSAND FOUR HUNDRED TWENTY EIGHT ONLY)
G-schedule for Maintenance work of Bus Bars of various voltage levels equipment’s for the year 2016-17 at 132 KV GSS, RVPNL, Merta Road, (One times Maintenance(August -16 to March 17 ) i.e till 31.03.2017)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Particulars</th>
<th>No. of Section of Bus Bars</th>
<th>Frequency of maintenance to be done in a year</th>
<th>Rate as per BSR for each bay (04.04.2011)</th>
<th>Amount as per BSR (04.04.2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Providing work assistance as given below in Maintenance work of Bus Bars of various voltage levels. (All spares, lubricating material and only special T&amp;P, shall be provided by RVPN. Cleaning material and general T&amp;P shall be arranged by the contractor.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a. Tightening of clamps &amp; connecters on overhead conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp/connecters of all bus side associated equipment’s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Replacements of worn out c lamps &amp; connecters of bus during work under item No. (a)</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>c. Cleaning of all insulators of suspension and tension strings of Bus Bars and insulators of Bus isolators, Bus CVTs/PTs.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>d. Checking of operation of bus isolators and their alignment including motorized operation.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>e. Maintenance of operating mechanism &amp; switches etc..</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>f. Lubrication of all moving parts.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>g. Providing of other related work assistance as may be required by work in charge.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Provided work assistance as below in Maintenance work of Bus Bars of various voltage levels. (All spares, lubricating material and only special T&amp;P, shall be provided by RVPN. Cleaning material and general T&amp;P shall be arranged by the contractor.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>132 KV Bus Section (01 no. supervisor+04 nos. workmen)</td>
<td>02 Nos.</td>
<td>1</td>
<td>1446.00</td>
<td>2892.00</td>
</tr>
<tr>
<td>2.</td>
<td>33 KV Bus Section (01 no. supervisor+04 nos. workmen)</td>
<td>02 Nos.</td>
<td>1</td>
<td>1351.00</td>
<td>2702.00</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>5594.00</td>
</tr>
</tbody>
</table>

(Rupees Five Thousand Five Hundred Ninety Four Only)
GRAND TOTAL: -Rs. 54788+Rs.6428+Rs.5594=Rs.66810.00 (Rupees Sixty Six Thousand Eight Hundred Ten Only)
60% above at CLRC= Rs 40086.00
Grand total = Rs. 106896.00
(Say Rupees One Lac Six Thousand Eight hundred Ninety Six Only)

Junior Engineer (M)  
RRVPN, Merta Road

Assistant Engineer (132 KV GSS)  
RRVPN, Merta Road