



RRVPNL

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(Corporate Identity Number (CIN):U40109RJ2000SGC016485)

Regd. Office: Vidyut Bhawan, Jyoti Nagar, Jaipur-302005

Office of the Assistant Engineer (132 KV GSS), Merta Road

Ph.No:-01591-275328;E-MAIL:- aen.132.mertaroad;Website:-www.rvvn.co.in

(An ISO 9001-2008 Certified Company)

No./RVVN/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 KVGSS, RVVN, Merta Road (Nagaur)* for F. Y. 2016-17 on the rates, terms and condition of CLRC which are issued by the Superintending Engineer (SSPC) RVVN Jaipur vide letter No. RVVN/SE/SSPC/TK/A.I/TN-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),
RVVN, Merta Road**

Copy submitted/forwarded to the following for kind information & n/a please.

1. The Superintending Engineer (T&C) RVVN, Merta.
2. The TA to ZCE (T&C) RVVN,Ajmer uploading of NIT/G-Schedule on the web site of Nigam.
3. The Executive Engineer (400 KV GSS) RVVN Merta.
4. The Accounts officer (TCC-III) RVVN Ajmer.

**Assistant Engineer (132 KV GSS),
RVVN, Merta Road**

G-schedule for Maintenance of Bay equipment's for the year 2016-17 at 132 KV GSS, RVPNL, Merta Road
(Two times Maintenance (August 16 to March 17) i.e till 31.03.2017)

S. No.	Particulars	No. of bays	Frequency of maintenance to be done in a year	Rate as per BSR for each bay	Amount as per BSR (04.04.2011)
		Nos.	Nos.	Rs.	Rs.
1.	<p>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 & Relay panel. (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.)</p> <ol style="list-style-type: none"> Checking of tightness of clamps & connectors. Cleaning of all insulators. Attending to oil leakage, if any. Cleaning of all junction boxes and secondary terminal boxes. Checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits. Measurement of CB operation timings. Checking of isolator operation and its alignment. Checking of gas pressures like SF6 & N2 in circuit breakers/CTs etc. Measurement of IR values of LAs, CB and CVTs. Lubrication of defined parts of all equipment's of all required points. Washing the equipment's, in case oil stains are present, then washing is to be done with use of detergent solution. Cleaning of C&R panel from inside. Providing other related work assistance as may be required by in charge. 				
	1. 132 KV Bay (01 no. supervisor+06nos. workmen)	4 Nos.	2	1892	15136.00
	2. 33 KV Bay (01 no. supervisor+05nos. workmen)	11 Nos.	2	1666	36652.00
		.		Total	51788.00

(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, RVPNL, Merta Road, (Two times Maintenance(August 16 to March 17) i.e till 31.03.2017)

S. N o.	Particulars	No. of Transformers	Frequency of maintenance to be done in a year	Rate as per BSR for each bay	Amount as per BSR (04.04.2011)
		Nos.	Nos.	Rs.	Rs.
1.	<p>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&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the contractor.)</p> <p>a. Cleaning of porcelain of bushes. b. Checking of lightness of clamps & connectors. c. Cleaning of Buchholz and Oil surge relays. d. Cleaning of glasses of all oil level indicators. e. Cleaning of marshaling box, cooler control cubicle thermometer, etc. as provided. f. Attending to oil leakage from transformer body & bushings. g. Checking of oil level in oil filled bushings. h. Checking of Drycol air drying drum. i. Measurement of IR values. j. Measurement of Earth Resistance. k. Testing of PRD. l. Checking of tripping circuits of Buchholz & WDG, oil temperature controls and protection scheme. m. Checking of OLTC gear operations. n. Checking of auto circuits of cooling bank. o. Taking of oil samples 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.</p>				
	1. 132/33 KV (5 Nos. workmen)	2 No.	2	1220.00	4880.00
	2. 33/0.4 KV (3 Nos. workmen)	1 No.	2	774.00	1548.00
				Total	6428.00

(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)

S. No	Particulars	No. of Section of Bus Bars	Frequency of maintenance to be done in a year	Rate as per BSR for each bay	Amount as per BSR (04.04.2011)
		Nos.	Nos.	Rs.	Rs.
1.	<p>Providing work assistance as given below in Maintenance work of Bus Bars of various voltage levels. (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.</p> <p>a. Tightening of clamps & connectors on overhead conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp/connectors of all bus side associated equipment's.</p> <p>b. Replacements of worn out clamps & connectors of bus during work under item No. (a)</p> <p>c. Cleaning of all insulators of suspension and tension strings of Bus Bars and insulators of Bus isolators, Bus CVTs/PTs.</p> <p>d. Checking of operation of bus isolators and their alignment including motorized operation.</p> <p>e. Maintenance of operating mechanism & switches etc..</p> <p>f. Lubrication of all moving parts.</p> <p>g. Providing of other related work assistance as may be required by work in charge.</p> <p>1. 132 KV Bus Section (01 no. supervisor+04 nos. workmen)</p> <p>2. 33 KV Bus Section (01 no. supervisor+04 nos. workmen)</p>				
		02 Nos.	1	1446.00	2892.00
		02 Nos.	1	1351.00	2702.00
				Total	5594.00

(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)
RRVNL, Merta Road**

**Assistant Engineer (132 KV GSS)
RRVNL, Merta Road**