

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) SIROHI
P. B.No-27, Anadara Road, Sirohi-307 001 (Tel. No.02972-223800)

NO: RRVPNL/XEN/220/GSS/SRO/S.Tech/F. / 2016_17 / D.324 Dtd. 23.09.16

1. M/s Asthvinayaka Contractor, Khardi.
2. M/s Venkatesh Power Enterprises, Jodhpur.
3. M/s Prathvi Electrical, Valera
4. M/s Sharma Enterprises, Jaipur.
5. M/s Pooja Electrical, Jaipur.
6. M/s Shri Techno Services, Jodhpur.
7. M/s Shktiputra Industrial Services, Beawar.
8. M/s Dabar Agencies, Sirohi.
9. M/s S.K.Engineering & Refrigeration Work, Bijay Nagar, Ajmer.
10. M/s N.N. contractor & suppliers, Bardala, Karauli.

and all the Registered Contractors (E-I & E-II) of ZCE (T&C), Jodhpur.


Subject: - Consent for Carrying out the Maintenance Work of 220kV GSS Sirohi on CLRC.
Ref. :- CLRC Order No. RVPN/SE/SSPC/TK/A.II/TN-2975/D. 501 dtd. 24.05.13

The following work is to be executed under this office. This office has decided to place order for execution of following works on CLRC approved rates:-

S.No.	Particulars of work	Estimated cost of work as per G-schedule with CLRC Premium	Remark
1	Maintenance Work of 220kV GSS Sirohi on CLRC.	2,06,672/-(approx.)	60% above BSR-2011


Time for receiving consent for the above work on CLRC is 10 days from date of issue of this letter. Kindly send your consent with **Work load Detail, Tax clearance certificate & registration certificate (regd. in other circle of Zone)** as per Letter No. 374 Dt.24.05.2016 issued by SE T&C, RRVPNL, Sirohi timely so that further action viz. placing the order may kindly be taken.

Encl.:- "G" Schedule of work.


Executive Engineer [220KV GSS]
RRVPNL, Sirohi

Copy submitted to the following for information and necessary action.

1. The Superintending Engineer (T&C), RRVPNL, Sirohi.
2. The Accounts Officer (T&C), RRVPNL, Sirohi.
3. The Feeder Manager (T&C), RRVPNL, Sirohi for uploads this letter on RVPN Website.


Executive Engineer [220KV GSS]
RRVPNL, Sirohi

RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LTD
OFFICE OF THE EXECUTIVE ENGINEER 220 KV GSS Sirohi


G-schedule

S. No.	Particulars	Nos. of Bays	Frequency of maintenance to be done in a year	Rate as per BSR	Amount as per BSR (01.01.2011)
1	2	3	4	5	6
3	Maintenance of Bay Equipment's:-				
	<p>Maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lightning Arresters, Isolators, Capacitive Voltage Transformers, PLCC equipments and corresponding control & relay panel.</p> <p>a. Checking of tightness of clamps & connectors.</p> <p>b. Cleaning of all insulators</p> <p>c. Assistance to RVPN in attending to oil leakage, if any</p> <p>d. Cleaning of all junction boxes and secondary terminal boxes.</p> <p>e. Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits</p> <p>f. Assistance to RVPN in measurement of CB operation timings.</p> <p>g. Checking of isolator operation and its alignment.</p> <p>h. Checking of gas pressures like SF6 & N2 in circuit breakers/CTs etc.</p> <p>i. Assistance to RVPN in measurement of IR values of LA's, CT's & CVT's.</p> <p>j. Lubrication of defined parts of all equipments of all required points</p> <p>k. Washing the equipments, in case oil stains are present, then washing is to be done with use of detergent solution.</p> <p>l. Cleaning of C&R panel from inside.</p> <p>m. Tightening of clamps & connectors and spacers on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also lightening of clamp/connectors of all associated equipments connected to such overhead bus.</p> <p>n. Providing other related work assistance as may be required by In charge</p>				
3.2	220KV Bay	7	1	2332.00	16324.00
3.3	132KV Bay	12	1	1892.00	22704.00
3.4	33KV Bay	14	1	1666.00	23324.00
4	Maintenance of Power Transformer:-				
	<p>Providing of work assistance as given below in maintenance work 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 bushings.</p> <p>b) Cheeking of tightness of clamps & connectors.</p> <p>c) Cleaning of Buchholz relay& oil surge relays.</p> <p>d) Cleaning of glasses of all oil level indicators.</p> <p>e) Cleaning of marshalling box, cooler control cubicle, thermometer etc. as provided.</p> <p>f) Attending to oil leakage from transformer body & bushings</p> <p>g) Checking of oil level in oil filled bushings</p> <p>h) Cheeking of drycol air drying system.</p> <p>i) Measurement of IR values.</p> <p>j) Measurement of Earth resistance.</p> <p>k) Testing of PRD.</p> <p>l) Checking of tripping circuit of buchholz& WDG oil temperature controls and protection scheme.</p> <p>m) Checking of OLTC gear operations.</p> <p>n) Checking of auto circuits of cooling bank.</p> <p>o) To carryout other special measurements as may be required</p>				



	p) Providing of other related work assistance as may be required by work incharge.				
4.2	220/132 KV 100 MVA Transformer	1	1	1357.00	1357.00
4.3	220/132 KV 50 MVA Transformer	1	1	1357.00	1357.00
4.3	132/33 KV 20/25 MVA Transformer	1	1	1220.00	1220.00
4.3	132/33 KV 10/12.5MVA Transformer	1	1	1220.00	1220.00
4.4	33/0.4KV,250KVA Transformer	2	1	774.00	1548.00
5	Maintenance of Bus bar & associated equipment:- Providing of work assistance as given below in maintenance work of Bus bar 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.) a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belt). Also tightening of clamps & connectors of all bus associated equipment's. b) Replacement of worn out clamps & connectors of bus during work under item No.(a). c) Cleaning of all insulators of suspension and tension strings of bus bars and insulators of bus isolators, bus CVTs/ PT's. d) Checking of operation of Bus isolators and their alignment including motorized operation. e) Maintenance of operating mechanism & switches etc. f) Lubrication of all moving parts g) Providing of other related work assistance as may be required by work incharge.				
5.2	220 KV Bus Section	12	1	1940.00	23280.00
5.3	132 KV Bus Section	18	1	1446.00	26028.00
5.4	33KV Bus Section	8	1	1351.00	10808.00
				Total	129170.00
				CLRC Premium Add 60% above on BSR-2011	77502.00
				GRAND TOTAL	206672.00
				Says	₹ 2,06,672.00

Say ` (Two Lac Six Thousand Six Hundred Seventy two Only)


 Executive Engineer (220KVSS)
 RVPNL, Sirahi