



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.

(Regd. Office: Vidyut Bhavan, Jyoti Nagar, Janpath, Jaipur)

(AN ISO-9001-2008 CERTIFIED COMPANY)

OFFICE OF THE ASSISTANT ENGINEER (132 kV GSS), RVPN, MANDORE.

NO. RVPN / AEN/132KV / GSS / Mandore /S. Purchase / F. (106) / D. 13 Dt. 24-04-17

TO,

**All Registered Contractors of,
T&C RVPN Jodhpur Zone,**

Subject: - Bay Maintenance work at 132 kV GSS RVPN, Mandore at CLRC rate for financial year 2017-2018.

On the above cited subject it is bring to your kind notice that Bay Maintenance work at 132 kV GSS RVPN, Mandore at CLRC rate on BSR 2011 for financial year 2017-2018 for one quarter is to be done on CLRC rate (as per "G" schedule enclosed) on the terms & conditions of CLRC rate contract as approved by RVPN.

If you are interested to carrying out this work on CLRC rate, please send your consent/acceptance within 10 days from the date of dispatch of this letter.

Encl:- "G" Schedule.

Assistant Engineer
132 kV GSS, RVPNL
Mandore

RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LIMITED

**"G" Schedule for maintenance work of 132KV & 33KV bays and Bus bar section at 132KV
GSS,RVPN,Mandore,Jodhpur.(SCHEDULE III) fo the YEAR (2017-2018)**

Code No.	Description	Unit	Rate	Qty.	Amount(Rs.)
3	<u>Maintenance of Bay Equipments</u>				
	<p>Providing of work assistance as given below in maintenance work of following bay equipment such as circuit breaker ,current transformer ,lighting arrestor , Isolater ,CVT ,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 .)</p> <p>(a) Checking of lightness of clamps and 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 limiting (g) Checking of isolator operation and its alignments (h) Checking of gas pressure like SF-6 & N₂ in circuit breakers/ CTs etc .</p>				
3.3	132KV Bay(1 No. Supervisor + 06 Nos . Workmen)	Each Bay	1892	5	9460
3.4	33KV Bay(1 No. Supervisor + 05 Nos . Workmen)	Each Bay	1666	13	21658
4	<u>Maintenance of Power Transformer</u>				
	<p>Providing of work assistance as given below in Maintenance of power transformer 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 bushings. b) Checking of lightness of clamps & connector c) Cleaning of Buchholz & oil surge relays. d) Cleaning of glasses of all oil level indicators. e) Cleaning of marshalling box ,cooler control cubicle,thermometer,etc..as provided. f) Attending to oil leakage from Tr. Body & Bushings.</p> <p>g) Checking of oil level in oil filled bushings. h) Checking of Drycol air drying system. i) Measurement of I.R. values. j) Measurement of earth resistance. k) Testing of PRD l) Checking of tripping circuit of Buchholz & WDG, oil temperature controls and protection schemes. m) Checking of OLTC gear operations. n) Checking of auto circuits of cooling bank. o) Taking of oil samples for testing. p) To carryout other special measurements as may be required. q) Providing of other related work assistance as may be required by Work incharge.</p>				

*Code No.	Description	Unit	Rate	Qty.	Amount(Rs.)
4.1	132/33kV & 132/11 KV all capacities (5 Nos. Workmen)	Each Trf.	1220	2	2440
5	Maintenance of Bus Bar and Associated Equipments				
	<p>Providing of work assistance as given below in maintainance work of bus bars 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 arrange by the contractor .)</p> <p>(a) tightening of clamps and connectors on overhead bus bar conductors and gantries (at a maximum hieght of 25 metre using safety belts). Also , tightening of flame/ connectors of all bus side assoiciated equipments.</p> <p>(b) replacement of warm out clamps and connectors of bus during work under item number(a).</p> <p>(c) cleaning of all insulators of suspension and tension strings of bus bars and insulators of bus isolators, bus CVTs and PTs .</p> <p>(d) Checking of operation of bus isolators and there alignment including motorized operation .</p> <p>(e) Maintanance of operating mecanism and switches , etc .</p> <p>(f) Lubrication of all moving parts .</p> <p>(g) Providing of otherrelated work assistance as may be required by work incharge.</p>				
5.3	132KV Bus Section (1 No. Supervisor + 06 Nos . Workmen)	Each Section	1446	4	5784
5.4	33KV Bus Section (1 No. Supervisor + 04 Nos . Workmen)	Each Section	1351	5	6755
				TOTAL(Rs.)	46097
				G.TOTAL(Rs.)	46097
Rs.Forty Six Thousand Ninty Seven Only					

21/5/20
Assistant Engineer
[Signature]