



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS)

JAWAHAR NAGAR, JAIPUR website: www.rvnpn.co.in

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No. RVPN/AEN GSS/J. NGR/F. Tender/Estt/D.17

Dated 17/04/2017

To,
All CLRC registered contractors of T&C Jaipur Zone

Sub.- Execution of Bay Maintenance work (IstQuarter) on CLRC rates at 132 kV GSS, Jawahar Nagar, Jaipur for the year 2017-18

Ref.- In accordance to RVPN BSR order no. RVPN/SE/SSPC/XEN (TK)/BSR/A.1 /D 21 Jaipur dated 04.04.2011 & no. RVPN/SE/SSPC/TK/A.1/TN 2975/CLRC/D 501 dated 24.05.2013 of CLRC

With reference to above cited subject it is intimated that the work of Bay Maintenance is to be executed as per CLRC rates at 132 kV GSS, Jawahar Nagar, Jaipur for the year 2017-18 (IstQuarter, work is to be carried out upto 31.06.2017). The G-Schedule is enclosed herewith for your acceptance.

You have to send your consent within 08 days i.e upto **24.04.2017** to this office so that the full case may be send for approval/sanction of above works from the concerned authorities.

If the consent letter with complete documents is not received in this office within a period of 08 (Eight) days the above work may be awarded/executed by any other competent contractor for maintaining the GSS.

Encl. :- G Schedule

Assistant Engineer 132 KV GSS,
RVPNL, Jawahar Nagar Jaipur

Copy submitted to the following for information

1. The T.A. to Zonal Chief Engineer (T&C), RVPN, Jaipur for web publishing as per the guidelines received vide letter No. RVPN/CE(T&C)/Jpr/Sect5/F NIT/D 1860 /Dated 26/8/2015
2. The Superintending Engineer (T&C, Jpr City), RVPNL Jaipur
3. The Executive Engineer (220 KV GSS) IG Nagar RVPNL, Jaipur
4. The Account Officer (T&C, Jpr City), RVPNL, Jaipur
5. Notice Board.

Assistant Engineer 132 KV GSS,
RVPNL, Jawahar Nagar Jaipur

"G" SCHEDULE

NAME OF WORK :- BAY MAINTENANCE WORKS AT 132 KV GSS RVPNL, JAWAHAR NAGAR (JAIPUR) FOR (1st Quarter) YEAR 2017-18

1. The rates for the repair and maintenance works given in this BSR are inclusive of all types of labour charges, but exclusive of service tax, sales tax and insurance charges, etc.

2. The base date for the rates given in this schedules is 01/04/2011

BSR No.	Description	Quantity (Nos)	Rate in (Rs.)	Unit	Freq. (Times)	Amount	BSR above	TOTAL Amount
3	Maintenance of Bay Equipments.							
	Providing of work assistance as given below in Maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lightning Arrestors, Isolators, CVTs, 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.)							
	a) Checking of tightness of clamps & 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							
	f) Measurement of CB operation timings.							
	g) Checking of Isolator operation and its alignments.							
	h) Checking of gas pressures like SF ₆ & N ₂ in circuit breakers/CTs, etc.							
	i) Measurement of IR values of LAs, CTs and CVTs							
	j) Lubrication of defined parts of all equipments all required points.							
	k) Washing the equipments. In case oil stains are present, then washing is to be done with use of detergent solution.							
	l) Cleaning of C&R panel from inside.							
	m) Providing other related work assistance as may be required by Incharge.							
3.3	132 KV bay (1 No. Supervisor + 6 Nos. Workmen)	7	1892	Each Bay	1	13244	60%	21190.4
3.4	33 or 11 KV bay (1 No. Supervisor + 5 Nos. Workmen)	27	1666	Each Bay	1	44982	60%	71971.2
4	Maintenance of Power Transformers							
	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.)							
	a) Cleaning of porcelain of bushings.							
	b) Checking of tightness of clamps & connectors							
	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.							
	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 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 carryout other special measurements as may be required.							
	q) Providing of other related work assistance as may be required by Work Incharge.							
4.3	132/33 kV & 132/11kV (All capacities) (5 Nos. Workmen)	5	1220	Each Trf.	1	6100	60%	9760
4.4	33/11 kV & Aux. supply station Transformer (3 Nos. Workmen)	1	774	Each Trf.	1	774	60%	1238.4
5	Maintenance of Bus Bars and Associated Equipments							
	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.)							
	a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 metre using safety belts). Also, tightening of clamp/ connectors of all bus side associated equipments.							
	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 CVT's /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.							
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	0	1446	Each Sec.	1	0	60%	0
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	15	1351	Each Sec.	1	20265	60%	32424
GRAND TOTAL (3+4+5)								136584

In Words Rupees One Lac thirty six thousand Five Hundred Eighty four Only

सहायक अभियन्ता
132 के. वी. सिड उप चौकी
रा. वि. प्रसा. विभाग लि.
जयपुर, (जयपुर)