

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

Regd Office: Vidhyut Bhawan, Jyoti Nagar, Jaipur-302005

("An ISO 9001:2008 certified Company")

OFFICE OF THE EXECUTIVE ENGINEER, 220KV GSS, PASHU MELA GROUND,
POKARAN ROAD, PHALODI, DISTRICT- JODHPUR (RAJ.), PH.-02925-217098

E-mail ID: XEN.220.Phalodi@rvpn.co.in Ph. No. 02925-217098

RVPN/ XEN/ 220KV/ GSS/ PHALODI / F./S. Tech /2017-18 /D. 163 Dt. 14.08.2017


All Registered Contactor of Jodhpur Zone.

Subject: - Regarding Maintenance work of bay equipment's, Transformers and Bus Bar at 220 KV GSS
Phalodi for FY 2017-18

Dear Sir,


On the above cited subject it is to intimate you that the Maintenance of bay equipment's, Transformers and Bus Bar for FY 2017-18 are required to be done on CLRC Basis at 220 KV GSS, Phalodi (Jodhpur). **The consent of interested firm will be submitted to this office up to 05:00PM on dated 30.08.2017.**

Enclosed: Attached G-Schedule of work as per CLRC rates based on BSR 1.1.2011


Executive Engineer,
220 K.V. GSS, RVPNL,
Phalodi (Jodhpur)

Copy submitted to the following for necessary information and action please.

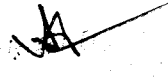
1. The Zonal Chief Engineer(T & C) RVPNL , Jodhpur
2. The Superintending Engineer(T & C) RRVPNL, Bhadla
3. The Accounts Officer (T & C) RVPN Jodhpur.
4. The Nodal Officer O/O the ZCE (T&C) RVPN Jodhpur for necessary entry in MIS



Executive Engineer,
220 K.V. GSS, RVPNL,
Phalodi (Jodhpur)

G-SCHEDULE

Name of work: - Maint. of bay equipments, Transformers and Bus Bar at 220 KV GSS Phalodi for FY 2017-18

S. No.	BSR Code No.	Description	Unit	Unit Rate in Rs.	Qty.	Amount
1.	3.0	<p><u>Maintenance of bay equipments</u> Providing of work assistance as given below in maintenance work of following bay equipments such as circuit breaker, current transformer, Lightning arrestor, Isolator, CVTs, PLCC equipments, and corresponding control and relay panels,(All spares, lubricating material and general T&P shall be arranged by the contractor.)</p> <p>a) Checking of tightness of clamps & connectors. b) Cleaning of all insulators. c) Assistance to RVPN in attending to oil leakage, if any. d) Cleaning of all junction Boxes and secondary terminal boxes. e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits. f) Assistance to RVPN in measurement of CB operation timings. g) Checking of isolator operation and its alignments. h) Checking of gas pressure like sf6 & N2 in circuit breakers / CTs. etc. i) Assistance to RVPN in measurement of IR values of LAs, CTs, and CVTs. j) Lubrication of defined parts of all equipments at all required points. k) Washing the equipments, in case all stains are present, then washing is to be done with use of detergent solution. l) Cleaning of C&R panel from inside. m) Tightening of clamps & connectors and spacers on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp / connectors of all associated equipments connected to such overhead bus. n) Providing other related work assistance as may be required by incharge.</p>				
		220 KV bay (1 No. Supervisor + 6 nos. workmen)	Each bay	2332.00	08	18656.00
		132 KV bay (1 No. Supervisor + 6 nos. workmen)	Each bay	1892.00	12	22704.00
		33 KV bay (1 No. Supervisor + 5 nos. workmen)	Each bay	1666.00	11	18326.00


 22/01/2018
 2018-19


Executive Engineer
 220, K.V. G.S.S. R.V.P.N.L
 PHALODI (JODHPUR)

2.	4.0	<p><u>Maintenance of power Transformer</u> 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> <ol style="list-style-type: none"> a) Cleaning of porcelain of bushings. b) Checking of tightness of clamps & connectors. c) Checking of Buchholz & oil surge relay. d) Cleaning of glasses of all oil level indicators. e) Cleaning of marshalling box, cooler control cubical, thermometer etc., as provided. f) Assistance to RVPN in attending to oil leakage from Tr. Body & bushings. g) Checking of oil level in oil filled bushing. h) Checking of Drycol air drying system. i) Assistance to RVPN in measurement of I.R. values. j) Assistance to RVPN in measurement of earth resistance. k) Assistance to RVPN in testing of PRD. l) Assistance to RVPN in checking of tripping circuit of Buchholz & WDG, oil temperature controls and protection scheme. m) Checking of OLTC gear operation. n) Assistance to RVPN in checking of auto circuits of cooling bank. o) Taking of oil samples for testing. p) Assistance to RVPN in carrying out other special measurement as may be required. q) Providing of other related work assistance as may be required by work incharge. <p>220/132KV KV Transformer (6 Nos. workmen) 132/33 KV & 132/11 KV (All capacities) (5 Nos. workmen) 33/0.4 KV Auxiliary Supply Station Transformer (3 Nos. workmen)</p>				
3.	5.0	<p><u>Maintenance of Bus bars and associated equipments</u> Maintenance work of Bus bar 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 arranged by the contractor.) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp / connectors of all bus side associated equipments.</p>				

Each Trf.	1357.00	3	4071.00
Each Trf.	1220.00	3	3660.00
Each Trf	774.00	1	774.00

WA
Assistant Engineer (MT/G)
220 KV G.S. Sub. P.N.L.
PHALODI (Jodhpur)

[Signature]
Executive Engineer
220 KV G.S. Sub. P.N.L.
PHALODI (JODHPUR)

	Replacements of worn out clamps & connectors of bus during work under item No. (a).				
	Cleaning of all insulators of suspension and tension string of Bus bar and insulators of bus isolators, Bus CVT's / PT's.				
	Checking of operation of Bus isolators and their alignment including motorized operation.				
	Maintenance of operating mechanism & switches, etc. of isolators.				
	Lubrication of all moving parts of isolators.				
Providing of other related work assistance as may be required by work-in-charge.	Each sect	1940.00	17	32980.00	
220 KV Bus section (1 No. Supervisor + 6 nos. workmen)	Each sect	1446.00	20	28920.00	
132 KV Bus section (1 No. Supervisor + 4 nos. workmen)	Each sect	1351.00	15	20265.00	
33 KV Bus section (1 No. Supervisor + 4 nos. workmen)					


Amount (without premium) = Rs 150356.00


Add Premium @ 60 % = Rs 90213.60

Total Amount (with premium) = Rs 240569.60

Say Rs. 240570.00

(Rs. Two Lacs Forty Thousands Five Hundreds Seventy Only)


Assistant Engineer
220 KV G.S.S., H.V.P.N.L.
PHALODI (Jodhpur)


220 KV G.S.S., H.V.P.N.L.
PHALODI (JODHPUR)