

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS) KUCHERA -341024

Phone No.-01584-280124, E-mail: aen_132_kuchera@rvpn.co.in

RRVPNL / AEN / 132 KV / GSS / KCR / F T 06 / D 238 / Dated 20.10.2016

To,

All Registered Contractors (Class E1&E2)(T&C) Ajmer, Zone,

Sub :- Maintenance of Bay equipment for the F.Year 2016-17 of 132 KV GSS, RRVPNL, Kuchera .

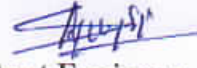
Maintenance of Bay equipment for the Year 2016-17 of 132 KV GSS, RRVPNL, Kuchera as per G. Schedule . The above work is to be done as per CLRC rate /rules/guide line of RVPN applicable for the F.Year 2016-17.

So if your firm is interested to carry out the work please give your acceptance within seven days that is 26.10.2016 up to 05 :00 PM. Otherwise it will be presumed that you are not interested to take up the work.

Encl:- G-Schedule


Assistant Engineer
132 KV GSS Kuchera
Rajasthan Vidyut Prasaran
Nigam Ltd. KUCHERA (Nagaur)

Copy submitted to the Feeder manger (400 KV GSS) RRVPNL, Merta City for uploading the same at RVPN NIT Portal.


Assistant Engineer
132 KV GSS Kuchera
Rajasthan Vidyut Prasaran
Nigam Ltd. KUCHERA (Nagaur)

G* SCHEDULE

BSR No. Description (Maintenance of Bay Equipments.)

Units Nos. Frequency of Maintenance to be done in a Year Rate as per BSR (Rupees) Quantity (Nos) Amount as Per BSR (04.04.2011)

BSR No.	Description (Maintenance of Bay Equipments.)	Units Nos.	Frequency of Maintenance to be done in a Year	Rate as per BSR (Rupees)	Quantity (Nos)	Amount as Per BSR (04.04.2011)
3.3	Providing of work assistance as given below in Maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lighting Arrestors, Isolators, CVTs, PLCC equipments and corresponding Control and Relay Panels. (All 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 annunciation circuits. f) Measurement of CB operation timings. g) Checking of Isolator operation and its alignments. h) Checking of gas pressures like SF6 & N2 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	Each Bay	01	1892	8	15136.00
3.4	33 or 11 KV bay (1 No. Supervisor + 5 Nos. Workmen)	Each Bay	01	1666	20	33320.00

[Handwritten Signature]

4	Maintenance of Power Transformers					
	<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</p> <ul style="list-style-type: none"> 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 L.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 assistances may be required by Work Incharge. 					
4.1	400/220 KV, 315 MVA or 250 MVA (8 Nos. Workmen)					
4.2	220/132 KV, 100 MVA or 50 MVA and 220/33 KV, 50MVA or 35 MVA (6 Nos. Workmen)	Each Trf.	01	1220	04	4880.00
4.3	132/33 KV & 132/11KV (All capacities)	(5 Nos. Workmen)				
4.4	33/0.4 KV & Aux. supply station Transformer	(3 Nos. Workmen)				



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.						
5.1	400 KV Bus Section (1 No. Supervisor + 8 Nos. Workmen)						
5.2	220 KV Bus Section (1 No. Supervisor + 6 Nos. Workmen)						
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)						0.00
5.4	33 /11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	Each Section	01	1351	4		5404.00
		Total					58740.00
		Add 60% above BSR					35244
		Gross Total					93984

Say Rs. Ninety Three Thousand Nine Hundred Eighty Four Only

Assistant Engineer
ANAND K. V. G.S.S.
 Rajasthan Kalya Vidyalaya Prastaran
 Nigam Ltd. KUCHERKA (Nagaur)