


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:- 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. 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 alignment. h. Checking of gas pressures like SF6 & N2 in circuit breakers/CTs etc. i. Assistance to RVPN in measurement of IR values of LA's, CT's & CVT's. j. Lubrication of defined parts of all equipments of 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. 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/connecters of all associated equipments connected to such overhead bus. n. Providing other related work assistance as may be required by In charge				
3.2	220KV Bay	7	1	2332.00	16324.00
3.3	132KV Bay	10	1	1892.00	18920.00
3.4	33KV Bay	12	1	1666.00	19992.00
4	Maintenance of Power Transformer:- 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.) a) Cleaning of porcelain of bushings. b) Cheeking of tightness of clamps & connectors. c) Cleaning of Buchholz relay& 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 transformer body & bushings g) Checking of oil level in oil filled bushings h) Cheeking of drycol air drying system. i) Measurement of IR values. j) Measurement of Earth resistance. k) Testing of PRD. l) Checking of tripping circuit of buchholz& WDG oil temperature controls and protection scheme. m) Checking of OLTC gear operations. n) Checking of auto circuits of cooling bank. o) To carryout other special measurements as may be required				

	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	2	1	1220.00	2440.00
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	123274.00

Note:- G-schedule has been prepared as per BSR-2011 and in compliance of order no. RVPN/CE(PP&D)/SE(Automation)/XEN-I/D-320-A Jaipur dtd. 07.03.2018 of the Chief Engineer (PP&D), RVPNL, Jaipur.


 Executive Engineer (220KVGSS)
 RVPNL, Sirohi