

"G" Schedule

Name of work: - Maintenance of Maintenance work of Bay equipment, Transformers & Bus-Bar sections at 220 KV GSS, Baithwasia on CLRC

Ref: - I.BSR w.e.f. 01.01.2011

2. CLRC No. RVPN/SE/SSPC/TK/A.1/TN-2975/ CLRC/D.501 Dated 24.05.2013.

S. No	BSR Code No.	Description	Unit	Unit Rate in Rs.	Qty.	Amount	CLRC Rate Above %	Net Amount
1.	1.0	<p>Maintenance of bay equipments 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 & general T&P shall be arranged by the contractor.)</p> <p>a) Checking of tightness of clamps & connectors.</p> <p>b) Cleaning of all insulators.</p> <p>c) Assistance to RVPN in attending to oil leakage, if any.</p> <p>d) Cleaning of all junction Boxes and secondary terminal boxes.</p> <p>e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits.</p> <p>f) Assistance to RVPN in measurement of CB operation timings.</p> <p>g) Checking of isolator operation and its alignments.</p> <p>h) Checking of gas pressure like SF6 & N2 in circuit breakers / CTs, etc.</p> <p>i) Assistance to RVPN in measurement of IR values of LAs, CTs, and CVTs.</p> <p>j) Lubrication of defined parts of all equipments at all required points.</p> <p>k) Washing the equipments, in case all stains are present, then washing is to be done with use of detergent solution.</p> <p>l) Cleaning of C&R panel from inside.</p> <p>m) Tightening of clamps & connectors and spacers on overhead bus conductors and gables (at a maximum height of 25 meter using safety belts). Also tightening of clamp connectors of all associated equipments connected to such overhead bus.</p> <p>n) Providing other related work assistance as may be required by incharge.</p>						
	(i)	220KV Bay	Each bay	2332.00	6	13992.00	60%	22387.20
	(ii)	132 KV bay	Each bay	1892.00	8	15136.00	60%	24217.60
	(iii)	33 KV bay	Each bay	1666.00	9	14994.00	60%	23990.40

2.	2.0	<p>Maintenance of power Transformer</p> <p>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>						
		<ul style="list-style-type: none"> a) Cleaning of porcelain of bushings. b) Checking of tightness of clamps & connectors. c) Checking of Buchholz & oil surge relays. 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 Drycal air drying system. i) Assistance to RVPN in measurement of IR 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. 						
	(i)	220/132KV, 160MVA	Each Tr	1357.00	1	1357.00	60%	2172.20
	(ii)	132/33 KV	Each Tr	1220.00	2	2440.00	60%	3904.00
	(iii)	330/6KV Aux. Supply station transformer.	Each Tr	774.00	1	774.00	60%	1238.40
3.	3.0	<p>Maintenance of Bus bars and associated equipments</p> <p>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.)</p> <ul style="list-style-type: none"> a) 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 						

	b) Replacement of worn out clamps & connectors of bus during work under item no. (a).								
	c) Cleaning of all insulators of suspension and tension string of Bus bar 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. of isolators.								
	f) Lubrication of all moving parts of isolators.								
	g) Providing of other related work assistance as may be required by work-in-charge.								
(i)	220 KV Bus section	Each section	1940.00	9	17460.00	60%	27936.00		
(ii)	132 KV Bus section	Each section	1446.00	8	11568.00	60%	18508.80		
(iii)	33 KV Bus section	Each section	1351.00	6	8106.00	60%	12969.60		
	Total 'A'							137324.20	
						Say (R 00)	137324.00		

(Rs. One Lac Thirty Seven Thousands Three Hundred & Twenty Four Only)


 Junior Engineer(M)
 220 KV GSS, Baithwasia


EXECUTIVE ENGINEER
220KV GSS RVPNL
Baithwasia


 Assistant Engineer(M)
ASSISTANT ENGINEER (A)
220KV GSS RVPNL
Baithwasia

We agree / not agree to execute the above work on the CLRC rate.

Signature :-
 Address :-