



RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LIMITED
OFFICE OF THE EXECUTIVE ENGINEER
220 KV GSS SITAPURA (JAIPUR)

No.RVPN/XEN/220KV/GSS/STPR/Tech. /D. 64 Dt.04.05.17

To,
All Enlisted Contractor (Jaipur Zone),
RVPNL, (Jaipur)

Subject: - Regarding Consent Execution of Maintenance work of Bay Equipments, Power Transformer & Bus-Bars with associated equipments for the year 2017-18 (W.E.F. 01.04.2017 to 31.07.2017) on CLRC Rates at 220 KV GSS RVPN Sitapura (Jaipur).

On the above cited subject it is to inform that the Maintenance work of Bay Equipments, Power Transformer & Bus-Bars with associated equipments for the year 2017-18 (W.E.F. 01.0.2017 to 31.07.2017) on CLRC Rates is to be carried out at 220 KV GSS SITAPURA (JAIPUR) . If your firm is interested to carry out the work on CLRC Rate's on contract basis, You are advised to send your consent within 7 Days (Up to 03:00 PM on Dt. 11.05.2017) for the above Work as per 'G' Schedule.

Enclosed : G-Schedule

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Copy submitted to the following for information and further needful action please:-

1. The Chief Engineer (T&C), RVPNL, Jaipur
2. The Superintending Engineer (T&C-Jaipur City), RVPNL, Jaipur
- 3 .The Account Officer (T&C-Jaipur City), RVPNL, Jaipur
4. Notice Board

EXECUTIVE ENGINEER
220 KV GSS, SITAPURA

OFFICE OF THE EXECUTIVE ENGINEER (220KV GSS), RVPN, SITAPURA
"AN ISO 9001-2008 Certified Company"

G-Schedule for maintenance work of Bay Equipments, Power Transformers and Bus Bars & associated equipments for the year : 2017-18 at 220KV GSS, RVPN, SITAPURA w.e.f. 01-04-2017 to 31-07-2017

S.N O.	Particulars	Number s of bays	Frequency of maintenance to be done in this year	Rate as per BSR for each bay (Rs.)	Amount as per BSR (Rs.)	Amount as per CLRC (60% above BSR) (Rs.)
1	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 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 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 In charge.					
	1. 220 KV bay	5	1	2332.00	11660.00	18656.00
	2. 132 KV bay	4	1	1892.00	7568.00	12108.80
Total Amount					19228.00	30764.80

S.NO.	Particulars	Numbers of Trf.	Frequency of maintenance to be done in this year	Rate as per BSR for each bay (Rs.)	Amount as per BSR (Rs.)	Amount as per CLRC (60% above BSR) (Rs.)
2	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.					
	1. 220/132 kV, 160 MVA IMP Make Transformer	1	1	1357.00	1357.00	2171.20
Total Amount					1357.00	2171.20

S.NO.	Particulars	Number s of Bus- Sections	Frequency of maintenanc e to be done in this year	Rate as per BSR for each bay (Rs.)	Amount as per BSR (Rs.)	Amount as per CLRC (60% above BSR) (Rs.)
3	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 itemNo. (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.					
	1. 220 KV Bus Section	4	1	1940.00	7760.00	12416.00
	2. 132 KV Bus Section	6	1	1446.00	8676.00	13881.60
Total Amount					16436.00	26297.60
Grand Total Amount					37021.00	59233.60



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