



RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LTD

An ISO 9001 : 2000 Certified Company

OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS), CHB, Jodhpur

RVPN/AEN/132 KV/GSS/CHB/JU/F. /S.ESTT/CASH/TECH. /D. 10 Dt:- 13.09.2017

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13-09-2017

TO,

- 1 M/S Angira Engineering works, Khandela Rod, Srimadhapur, Sikar.
- 2 M/S Mahadeb Engg. works plot no 30. Tandionki Dhani salawas Road, Jodhpur,
- 3 M/S Good luck Enterprises A-14, RIICO housing colony, Ajmer Road, Beawar.
4. M/s Guru kripa Enterprises, II-Paharhagani Colony, Lalsagar, Jodhpur.
5. M/s Er. Jadish Prasad Choudhary, VPO-Thakri Tehsil -Raisinghnagar, Dstt. Sriganganagar.
6. M/s Ridhi Sidhi Construction, 170, Sadulpura, Mulana, Fatehgarh, Jaisalmer.
7. M/s Mukesh & Company, Jaisalmer, Plot.No.B-29 Valmiki Colony, Jaisalmer.
8. M/s A.G. Enterprises 18 Clock Tower Alwar.
9. M/s Amar bhow Corporetion A-14 Kakia Nehru, Nagar, Ext-2, Opp-Somani College, Jodhpur.
10. M/s Shree Techno Services House No-188, Shiv Road, Ratanada, Jodhpur.
11. M/s Trupadi construction Jodhpur. & all contractor under jodhpur zone.

Subject- Maintenance of Bay Equipment's for the year 2017-18 of 132 KV GSS Jodhpur.

The Maintenance of Bay Equipment's for the 2017-18 of 132kv Grid Sub Station, CHB, Jodhpur is to be carried out as per the G-schedule. The above work is to be done as per CLRC rates /rules/guide lines of RVPN applicable for year 2017-18

If your firm is interested to carry out the above work, you are requested to please send your consent to this office within 07 days positively.

mn
Assistant Engineer
132 KV -GSS, CHB, RVPN
JODHPUR

SECTION - III

1.G- SCHEDULE OF WORK AND PRICES:

1	2	3	4	5	6	
		Unit Nos.	Frequency of maintenance to be done	Rate as per BSR	Quantity	Amount for as per BSR (04.04.2011)
1.0	Maintenance of Bay Equipments					
	Providing of work assistance as given below in 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 Incharge.					
	132 KV bay (1 No. Supervisor + 6 Nos. Workmen)	Nos.	1	1892	2	3784.00
	33 KV bay (1 No. Supervisor + 5 Nos. Workmen)	Nos.	1	1666	13	21658.00
2.0	Maintenance of Power Transformers					
	Providing of work assistance as given below in Maintenance of Power Transformers for the following types of Power					
	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 Drycot 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.					
	132/33 kV & 132/11kV (All capacities)	Nos.	1	1220.00	2	2440.00
	33/11 kV & Aux. supply station Transformer	Nos.	1	774.00	1	774.00
3.0	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.					
	132 KV Bus Section	Section	1	1446.00	7	10122.00
	33 KV Bus section	Section	1	1351.00	13	17563.00
	Total					56341.00
	Add 60% above BSR					33804.60
	Gross Total					90145.60

Amr
 JUNIOR ENGINEER(M)
 132 KV GSS RVPNL
 CHB JODHPUR

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