

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001-2008 Certified Company)

Regd. Office: - Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur

OFFICE OF THE EXECUTIVE ENGINEER

220 KV GSS RVPN, BHADLA (Dist: Jodhpur)

NO. RVPN/XEn/220 KV/GSS/ Bhadla/F. /D. Dated: 06.12.2016
126

M/s

All The Enlisted Contractors,

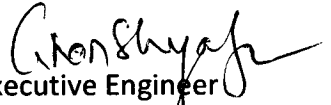
T&C Jodhpur Zone

Sub: Consent to work on CLRC of Bay maintenance at 220 KV GSS Bhadla, For FY16-17

Ref: CLRC order NO.RVPN/SE/SSPC/TK/A.I/TN-2975/CLRC/D.501/Dt.24.05.203

With reference to the above cited subject ,all registered contractors of the circle (T&C Jodhpur Zone) for awarding work on CLRC as such you are requested to please submit your consent to this office latest by 16/12/2016 positively so that the work order procedure may be initiated for Bay maintenance work at 220 KV GSS Bhadla.

The G-schedule of 220 KV GSS Bhadla is being enclosed here with for your reference with response to submit your consent before schedule date.


Executive Engineer

220 KV GSS RVPN Bhadla

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Bay maintenance work at 220 KV GSS Bhadala

G -schedule

Sr No	Particulars	Unit	Rate (Rs.)	Qty.	Amount
	<p>(A.) Maintenance of Bay Equipments Maintenance work of following bay equipments such as circuit breakers, 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). Checking of tightness of clamps and connectors. Cleaning of Insulators. Assistance to RVPN in attending to oil leakage ,if any. Cleaning of all junction boxes and secondary terminal boxes. Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuit. Assistance to RVPN in measurement of CB operation timings. Checking of isolator operation and its alignment. Checking of GAS pressure like SF6 & N2 in circuit breakers / CTs etc. Assistance to RVPN in measurement of IR values of LAs, CTs and CVTs. Lubrication of defined parts of all equipments at all required points. Washing of equipment in case oil stains are present then washing is to done with use of detergent solution. Cleaning of C&R panel from inside. Tightening of clamps & connectors and spacers on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also, tightening of clamp/ connectors of all associated equipments connected to such overhead bus. Providing other related assistance as may be required by in charge.</p>				
1	220 KV Bays (1 No. Supervisor +8 Nos. Workmen)	Each Bay	2332	3	6996
2	132 KV Bays (1 No. Supervisor + 6 Nos. Workmen)	Each Bay	1892	4	7568
3.	33 KV Bays (1 No. Supervisor + 5 Nos. Workmen)	Each Bay	1666	9	14994

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Executive Engineer
220 KV GSS, RVPN, BHADLA

	TOTAL(A)				29558
<p>(B) Maintenance of Power Transformers Maintenance work 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). Checking of Porcelain of bushings. Cleaning of Tightness of clamps & connectors. Cleaning of Buchholz and oil surge relays. Cleaning of glasses of all oil level indicators. Cleaning of marshaling box, cooler control cubical, thermometer etc. as provided. Assistance to RVPN in attending to oil leakage from transformer body and bushings. Checking of oil level in oil filled bushings. Checking of Drycol air drying system. Assistance to RVPN in measurement of IR values. Assistance to RVPN in measurement of earth resistance. Assistance to RVPN in testing of PRD Assistance to RVPN in checking of tripping circuits of Buchholz & winding, oil temperature controls and protection scheme. Checking of OLTC gear operation. Assistance to RVPN in checking of auto circuits of cooling bank. Taking of oil samples for testing. Assistance to RVPN in carrying out other special measurements as may be required. Providing of other related work assistance as may be required by work Incharge.</p>					
1	220/132 KV (All capacities) (6 Nos. Workmen)	Each TRF	1357	1	1357
2	132/33 KV (All capacities 05 Nos. Workmen)	Each TRF	1220	2	2440
2	33 /0.4 KV Aux. Supply station transformer (3 Nos. workmen)	Each TRF	774	1	774
	Total (B)				4571

(C) Maintenance of Bus Bars and				
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*Arvind
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220KV O&M RVPN BHADLA

Associated Equipment's					
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).					
Tightening of clamps and connectors on overhead bus conductors and gantries (at a maximum height of 25 meters using safety belts). Also tightening of clamps and connectors of all bus side associated equipment's.					
Replacement of worn out clamps & connectors of bus during work under item no.1					
Cleaning of all insulators of suspension and tension strings of bus bars and insulators of bus isolators, Bus CVTs, PTs.					
Checking of operation of Bus isolators and their alignment including motorized operation.					
Maintenance of operating mechanism and switches etc. of Isolators.					
Lubrication of all moving parts of Isolators.					
Providing of other related work assistance as may be required by work Incharge.					
1	220 KV Bus section (1 No. Supervisor + 6 Nos. Workmen)	Each Section	1940	11	21340
2	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	Each Section	1446	8	11568
3	33 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	Each Section	1351	9	12159
	Total (C)				45067
	Total (A)+(B)+(C)				(29558+4571+45067)=79196
	60% above on BSR rates				47517.6
	Grand Total				126713.6
	Round off				126714
Rs. One Lakh twenty six Thousand seven Hundred fourteen Only.					

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Chandrayan
Executive Engineer
220 KV GSS, Bhadla JLA