



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.

[Corporate Identity Number(CIN): U40109RJ20005GC016485]

Regd. Office: Vidyut Bhawan, Jyoti Nagar, Jaipur-302005

OFFICE OF THE ASSISTANT ENGINEER

132 KV GSS, RVPNL "KHANDELA MOD" SIKAR.

Mobile No:-9413382301

E-Mail: aen.132.khandelamod@rvpn.co.in

NO. RVPN/AEN/132KVGSS/K.M /F. Bay Maintenance/D. 133 Dt:18.08.2017

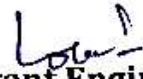
To

All registered contractor,

Sub:- To convey for execution of bay maintenance work at 132KV GSS RVPNL KHANDELA MOD in the Financial year 2017-18 (period from 25/08/2017 to 31 /10/2017).


On the above cited subject, it is intimated that bay maintenance ,power transformer and bus bar maintenance work has to be executed at 132 KV GSS KHANDELAMOD for the financial YEAR 2017-18 (Period from 25/08/2017 to 31/08/2017). AS Such you are requested to convey your consent for execution of above work on CLRC during the financial year 2017-18 at 132 KV GSS ,RVPNL khandela mod within 07 days .so that further necessary action may be initiated.

Enclosed:- G:-Schedule


Assistant Engineer,
(132KV GSS) RVPN, Khandelamod,
Sikar

Copy Submitted to following for information and necessary action:-

1. The Superintending Engineer (T&C),RVPN, Sikar.
2. The Executive Engineer (220KV GSS)RVPN, Reengus
3. The Feeder Manager (T&C), RVPNL, Sikar
4. The Account Officer (T&C), RVPN, Sikar.
5. Notice Board at office , Khandela Mod,


Assistant Engineer,
(132KV GSS) RVPN, Khandelamod,
Sikar



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(Corporate Identity No. U40109RJ2000SGC016485)

Regd. Office: Vidyut Bhawan, Jyoti Nagar, Jaipur.)

OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS) KHANDELAMOD

E-mail Id: acn.132.KhandelaMod@rvpn.co.in; Website: www.rvpn.co.in

G - SCHEDULE FOR MAINTENANCE OF BAY EQUIPMENTS, POWER TRANSFORMER'S & BUS BAR AT 132 KV GSS KHANDELAMOD

S. NO.	PARTICULARS	UNIT	RATES IN Rs.	NO. OF BAYS	FRQ	AMOUNT	REMARKS
1.0	MAINTENANCE OF BAY EQUIPMENTS						
	Maintenance work of following Bay equipment : Such as circuit breakers, current transformers, Lightening arresters, 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 tightening of all clamps & connectors. (b) Cleaning of all insulators. (c) Assistance to RVPN in attending to oil leakage, if any. (d) Cleaning of all junction boxes & secondary terminal boxes. (e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuit and annunciation circuit. (f) Assistance to RVPN in measurement of CB operation timing. (g) Checking of isolator operation and its alignment. (h) Checking of gas pressure like SF 6 & N2 in circuit breakers /CTs etc. (i) Assistance of RVPN in measurement of IR values of LA s, CTs and CVTs. (j) Lubrication of defined parts of all equipment at all required points. (k) Washing of equipment, in case oil stains are present, then washing is to be done with use of detergent solution. (l) Cleaning of CR Panels from inside. (m) Tightening of clamps & connectors and spacers on over head bus conductors and gantries (at a max height of 25 meter using safety belts.)Also tightening of clamps / connectors of all associated equipments connected to such overhead bus. (n) Providing other related work assistance as may be required by in charge.						
	(I) 132KV Bays	Each bay	1892	03	1	5676.00	
	(II) 33 KV Bays	Each bay	1666	09	1	14994.00	
	(III) 11 KV Bays	Each bay	1666	00	0	00.00	
					TOTAL (A)	20670.00	


Junior Engineer


Assistant Engineer (132 KV GSS)
R.R.V.P.N.L. Khandela Mod

S. NO.	PARTICULARS	UNIT	RATES IN Rs.	NO. OF BAYS	FRQ	AMOUNT	REMARKS
2.0	MAINTENANCE OF POWER TRANSFORMERS						
	Maintenance of power transformer for the following types of power transformers (All spares, lubricating material and only special material & general T&P shall be arranged by the contractor) Checking of tightening of clamps & connectors.						
	(a) Cleaning of buchloz & oil surge relays.						
	(b) Cleaning of glass of all oil levels indicators.						
	(c) Cleaning of marshaling box, cooler control cubicle, thermometer etc .as provided.						
	(d) Assistance to RVPN in attending to oil leakage from tr. Body & bushing.						
	(e) Checking of oil level in oil filled bushing.						
	(f) Checking of Drycol air drying system.						
	(g) Assistance to RVPN in measurement of IR values						
	(h) Assistance to RVPN in measurement of earth resistance.						
	(i) Assistance to RVPN in testing of PRD.						
	(j) Assistance to RVPN in checking of tripping circuits of buchholz & wdg. , oil temperature control & protection scheme.						
	(k) Checking of OLTC gear operation						
	(l) Assistance to RVPN in checking of auto circuits of cooling banks						
	(m) Taking of oil samples for testing						
	(n) Assistance to RVPN in carrying out other special measurements as may be required						
	(o) Providing of other related work assistance as may be required by work in charge.						
	(i) 132/33KV (All capacities)	Each Trf.	1220	1	1	1220.00	
	(ii) 33/11KV (All capacities)	Each Trf.	774	0	0	00.00	
	(iii) Auxiliary Supply Station Transformer	Each Trf.	774	1	1	774.00	
TOTAL (B)						1994.00	


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Junior Engineer


Assistant Engineer (132 KV GSS)
R.R.V.P.N.L. Khandela Mod

S. NO.	PARTICULARS	UNIT	RATES IN Rs.	NO. OF BAYS	FRQ	AMOUNT	REMARKS
3.0	MAINTENANCE OF BUS BAR & ASSOCIATED EQUIPMENTS						
	Maintenance work of bus bars of various voltages levels. (All spares , lubricating material and only special material & general T&P shall be arranged by the contractor)						
	(a) Tightening of clamps & connectors on over head bus conductor & gantries (at a max height of 25 meter using safety belts) Also tightening of clamp/connectors of all bus side associated equipment.						
	(b) Replacement of all worn out clamps & connectors of bus during work under item no. (a)						
	(c) Cleaning of all insulators of suspension & tension string of bus bar and insulator of bus isolators, bus CVTs / PTs.						
	(d) Checking of operation of bus isolators and their alignment including motorized operation						
	(e) Maintenance of operation 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) 132 KV Bus Section	Each Sec.	1446	2	1	2892	
	(II) 33 KV Bus Section	Each Sec.	1351	2	1	2702	
	(III) 11 KV Bus Section	Each Sec.	1351	0	0	00.00	
						TOTAL (C)	5594.00
						TOTAL (A+B+C)	28258.00
						Add 60% of total Rs. 28258	16954.8
						GROSS AMOUNT	45213.00


Junior Engineer


ASSISTANT ENGINEER
132KV GSS RVPN,
KHANDELA MOD (SIKAR)
Assistant Engineer (132 KV GSS)
R.R.V.P.N.L. Khandela Mod

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