



Rajasthan Rajya Vidyut Prasaran Nigam Ltd.

Office of the Assistant Engineer (132KV GSS). Abu Road, Dist.-Sirohi (Rajasthan)

Phone No. (O) 02974-222114 Email:- aen.132.aburoad@rvpn.co.in

No.RVPN/AEN/GSS/ABR/F./2017/d. 71 Dtd. 14.06.2017

To,
All Registered Contractor ,
Jodhpur Zone.

Sub:- Various work at 132KV GSS Abu Road as per G schedule on CLRC.

Reference:-CLRC-2013 Order no. RVPN/SE/SSPC/TK/A.1/TN-2975/CLRC/D 501 dtd. 24.05.2013

Dear Sir,

You are enlisted contractor under Jodhpur Zone & the Various work at 132KV GSS Abu Road as per G schedule on CLRC rates is to be executed under this office. This office has decided to place order for execution of Various work at 132KV GSS Abu Road as per G schedule on CLRC approved rates

Time for receiving consent for the above work on CLRC is 10 days from date of issue of this letter. Kindly send your consent timely so that further action viz. placing the order may kindly be taken.

Encl :- G Schedule (04 Pages)

Assistant Engineer (220KV GSS)
RVPNL, Pindwara

Copy submitted to the following for information and necessary action.

1. The Zonal Chief Engineer (T&C) RRVPN Jodhpur.
2. The Superintending Engineer(T&C) RVPN Sirohi.
3. The Executive Engineer(220KV GSS) RVPN Pindwara
4. The Accounts Officer(T&C) RVPN Sirohi.

Assistant Engineer (220KV GSS)
RVPNL, Pindwara


OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS RRVPNL ABU ROAD


G-schedule for Maintenance of Bay Equipments, Transformers and Bus Bars at 132 KV GSS, RVPNL, ABU ROAD

Based on BSR-2011

S. No.	BSR Code	Particulars	No.	Frequency of maintenance to be done in a year	Rate as per BSR for each bay	Amount as per BSR (2011)
1	3	3.0 Maintenance of Bay Equipmnts				
		<p>Providing of work assistance as given below in Maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lightning Arresters, Isolators, CVTs, PLCC equipments and corresponding Control & Relay panel. (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> <p>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 alignment. h. Checking of gas pressures like SF6 & N2 in circuit breakers/CTs etc. i. Measurement of IR values of LAs, CB and CVTs. j. Lubrication of defined parts of all equipments of 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.</p>				
	3.3	3. 132 KV Bay (01 no. Supervisor+06 nos. Workmen)	6	1	1892	11352
	3.4	4. 33 KV Bay (01 no. Supervisor+05 nos. Workmen)	12	1	1666	19992
2	4	4.0 Maintenance of Power Transformers				
		<p>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.)</p> <p>a. Cleaning of porcelain of bushes. b. Checking of lightness of clamps & connectors. c. Cleaning of Buchholz and 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 transformer body & bushings.</p>				

		g. Checking of oil level in oil filled bushings. h. Checking of Drycol air drying drum. i. Measurement of IR 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 carry out other special measurements as may be required. q. Providing of other related work assistance as may be required by work in charge.				
	4.3	3. 132/33 KV TF capacities (05 nos. Workmen)	2	1	1220	2440
	4.4	4. 33/0.4KV Aux. Supply Station Tf (03 nos. Workmen)	1	1	774	774
3	5	5.0 Maintenance of Bus Bar & 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 conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp/connectors of all bus side associated equipments. b. Replacements 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 CVTs/PTs. 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 in charge.				
	5.3	3. 132KV Bus Section (01 no. Supervisor+04 nos. Workmen)	4	1	1446	5784
	5.4	4. 33KV Bus Section (01 no. Supervisor+04 nos. Workmen)	6	1	1351	8106
		TOTAL (A)				48448
		CLRC Premium ADD 60% above of (A)				29069
		GRAND TOTAL				77517


 Junior Engineer (M)
 GSS, Abu Road


 Assistant Engineer (132 KV GSS),
 RVPNL, Abu Road

RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LTD
OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS ABUROAD
G-schedule for Maintenance of EHV lines under 132 KV GSS, Aburoad
Based on BSR- 2011

S. No.	Particulars	Nos. of units	Frequency of maintenance to be done in a year	Rate as per BSR	Amount as per BSR - 2011
1	2	3	4	5	6
1	7.0 Maintenance EHV Lines				
	7.6 Cutting of trees including cuttings of trunks, branches and removal of stumps				
	Cutting of trees including cuttings of trunks, branches and removal of stumps and roots, refilling, compaction of backfilling and stacking of serviceable material by manual means with all lifts			Rate for each	
	(i) Girth up to 300 mm	95	1	36	3420
	(ii) Girth above 300mm to 600mm	45	1	77	3465
	(iii) Girth above 600mm to 900mm	29	1	132	3828
	(iv) Girth above 900mm to 1800mm	15	1	264	3960
	(v) Girth above 1800mm to 2700mm	8	1	506	4048
	(vi) Girth above 2700mm to 4500mm		1	1036	0
	(vii) Girth above 4500mm			3059	0
	TOTAL (A)				18721
	CLRC Premium ADD 60% above of (A)				11233
	GRAND TOTAL				29954



Junior Engineer (M)
GSS, Abu Road




Assistant Engineer (132KV GSS)
RVPNL, Aburoad


OFFICE OF THE ASSISTANT ENGINEER 132KV GSS RVPNL ABUROAD

G-SCHEDULE FOR TRENCH AND YARD CLEANING WORK AT132KV GSS ABUROAD

Based on BSR- 2011

क. सं.	कार्य का विवरण	आवृत्ति	इकाई	दर रुपियो मे	कार्य की मात्रा	राशि प्रति चक्र रुपये में	कुल राशि एक वर्ष के लिये
1' 5	केबल ट्रेंचो के कवर हटाकर अन्दर से सफाई करना व समस्त निकाले गए कचरे को ग्रीड सब स्टेसन परिसर से बाहर प्रभारी अधिकारी द्वारा निर्धारित स्थान पर डालना व केबल पुनः व्यवस्थित कर ट्रेंच कवर वापिस लगाना । सफाई कार्य हेतु झाड़ू एवं आवश्यक उपकरण ठेकेदार को स्वयं की लागत पर लाने होंगे ।						
	अ) 0.6 मीटर तक गहराई की ट्रेंच ।	अर्ध वार्षिक	रनिंग मीटर	2.90	46.40 मीटर	134.56	134.56
	ब) 0.6 मीटर से 1.2 मीटर तक गहराई की ट्रेंच ।	अर्ध वार्षिक	रनिंग मीटर	4.50	243.50 मीटर	1095.75	1095.75
	स) 1.2 मीटर गहराई से अधिक की ट्रेंच ।	अर्ध वार्षिक	रनिंग मीटर	6.00	62.70 मीटर	376.2	376.2
1' 6	ग्रीड सब स्टेसन के स्विच यार्ड में जंगली घास, कॉटेदार झाड़ियों, जंगली पेड़ पौधों आदि जड़ से उखाड़कर सम्पूर्ण सफाई का कार्य व इस कार्य के लिए जो ग्रेवल अव्यवस्थित की गई हो उसे पुनः व्यवस्थित करना । समस्त निकाले गए कचरे को ग्रीड सब स्टेसन परिसर से बाहर प्रभारी अधिकारी द्वारा निर्धारित स्थान पर डालना । सफाई कार्य हेतु झाड़ू एवं आवश्यक उपकरण ठेकेदार को स्वयं की लागत पर लाने होंगे ।						
	अ) ग्रेवलड क्षेत्र (समस्त ग्रेवल हटाना व पुनः लगाना इस कार्य में शामिल नहीं है।)	अर्ध वार्षिक	100 वर्ग मीटर	137	4003.26 वर्ग मीटर	5484.47	5484.47
	ब) अनग्रेवलड क्षेत्र	अर्ध वार्षिक	100 वर्ग मीटर	89	12981 वर्ग मीटर	11553.09	11553.09
	कुल रुपये					18644.07	18644.07
	टेन्डर प्रीमियम का 60% जोड़े					11186.44	11186.44
	सकल रुपये (Grand Total)					29830.51	29830.51


JEN(M)
GSS, Abu Road


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