



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

[Corporate Identity Number (CIN):L40109RJ2000SGC016485]

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

O/O THE SUPERINTENDING ENGINEER (T&C) RVPNL BHILWARA

Tele: 01482-240739, **E-mail:** se.tnc.bhilwara@rvpn.co.in.

No. RVPNL/SE/T&C)/BHL/Purc./F. /2017-18/D.

822

Dt. 11/9/17

To
All Registered Contractors,
Ajmer Zone (T&C), RVPNL, Ajmer.

Sub: - Consent for the work of maintenance of Bay Equipments, Transformer and Bus-Bars at 400KV GSS Bhilwara for the period up to 31.10.2017 as per rate, terms and conditions of CLRC.

Dear all Registered Contractors,

On the above cited subject kindly find enclosed herewith the copy of the 'G' for the work of maintenance of Bay Equipments, Transformer and Bus-Bars at 400KV GSS Bhilwara for the period up to 31.10.2017 as per rate, terms and conditions of CLRC.


You are requested to submit your consent to do the work in written to this office with in 15 days (up to 18.09.2017 , 02:00PM) of issue of this letter.

Enclosed:- G- Schedule


1. 5 P
SUPERINTENDING ENGINEER (T & C)
RVPNL, BHILWARA

Copy forwarded to:-

1. The Chief Engineer (T&C A/Z), RVPNL, Ajmer.
2. The Feeder Manager RRVPNL, Ajmer for arrange uploading on web- Site of RVPN under Ajmer-Zone.
3. The Executive Engineer (400 KV GSS)RVPNL, Bhilwara.
4. The Accounts Officer (T&C), RRVPNL, Bhilwara.
5. Notice Board.


TA to SUPERINTENDING ENGINEER (T & C)
RVPNL, BHILWARA

G-Schedule**Name of Work:-****Repair and Maintenance work of EHV GSS at 400KV GSS Bhilwara Single frequency (Up to 31.10.2017.)**

1. The rates for the R & M work given in this BSR are inclusive of all types of labour charges, service tax, sale tax & insurance charges etc.
2. The rates given in the schedule are applicable from 01/01/11.

Sr. No.	BSR Code No.	Description	Unit	Unit Rate (in Rs.)	Qty. (in Nos.)	Amount (in Rs.)
1	3	Maintenance of Bay Equipments				
		<p>Providing of work assistance as given below in maintenance work of following bay equipments such as circuit breaker, current transformer, Lightning arrestor, Isolator, CVTs, PLCC equipments, and corresponding control and relay panels, (All spares, lubricating material and 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 of 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 pressure 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 at all required points. k) Washing the equipments, in case all 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.</p>				
3.1		400KV Bay (1 No. Supervisor + 10 nos. workmen)	Each bay	2773	7	19411.00
3.2		220KV Bay (1 No. Supervisor + 6 nos. workmen)	Each bay	2332	9	20988.00


Executive Engineer
400KV GSS RVPNL BHILWARA

P2

Sr. No.	BSR Code No.	Description	Unit	Unit Rate (in Rs.)	Qty. (in Nos.)	Amount (in Rs.)
2	4	Maintenance of Power Transformer				
		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) Checking of Buchholz & oil surge relay. d) Cleaning of glasses of all oil level indicators. e) Cleaning of marshalling box, cooler control cubical, thermometer etc., as provided. f) Attending to oil leakage from Tr. Body & bushings. g) Checking of oil level in oil filled bushing. 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 circuit of Buchholz & WDG, oil temperature controls and protection scheme. m) Checking of OLTC gear operation. n) Checking of auto circuits of cooling bank. o) Taking of oil samples for testing. p) To carry out other special measurement as may be required. q) Providing of other related work assistance as may be required by work incharge.				
	4.1	400/220KV, 315MVA Transformer (8 Nos. workmen)	Each Trf.	1797	2	3594.00
	4.4	33/0.4KV auxiliary supply station Transformer (3 Nos. workmen)	Each Trf.	774	2	1548.00
3	5	Maintenance of Bus Bars and associated Equipments				
		Providing of work assistance as given below in Maintenance work of Bus bar of various voltage level.(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 meter using safety belts). Also tightening of clamp / connectors of all bus side associated equipments. b) Replacements of warn out clamps & connectors of bus during work under item No. (a).				

Engineer
400KV GSS OVERHEAD RAILWAYS

r. o.	BSR Code No.	Description	Unit	Unit Rate (in Rs.)	Qty. (in Nos.)	Amount (in Rs.)
		c) Cleaning of all insulators of suspension and tension string of Bus bar 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. 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.				
	5.1	400 KV Bus section (1 No. Supervisor + 8 nos. workmen)	Each sect.	2386	4	9544.00
	5.2	220 KV Bus section (1 No. Supervisor + 6 nos. workmen)	Each sect.	1940	18	34920.00
						90005.00
						AMOUNT TOTAL (Rs.):- 90005.00
						ADD PREMIUM @ 60% (Rs.):- 54003.00
						TOTAL AMOUNT (Rs.):- 144008.00

(Rs. ONE LACS FOURTY FOUR THOUSAND EIGHT Only.)


JUNIOR ENGINEER
400KV GSS
RRVNL BHILWARA


ASSISTANT ENGINEER
400KV GSS
RRVNL BHILWARA


EXECUTIVE ENGINEER
400KV GSS
RRVNL BHILWARA

SUPERINTENDING ENGINEER(T&C)
RRVNL BHILWARA