



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM Ltd.

[Corporate Identity Number (CIN): U40109RJ2000SGCO16485]

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

OFFICE OF THE ASSISTANT ENGINEER, 132 KV GSS, SOJAT CITY

NH-162, Near Marudhr Kesari, Sojat City, Distt.-Pali (Raj.)-306104

Tel. No.- 02960-222104, E-mail Id: aen.132.sojat@rvpn.co.in

("An ISO 9001:2008 Certified Company")

NO: RVPNL / AEN / GSS/ SOJ /F. /D. 05 /Dt. 05/04/2017

NIT No.-01 Dt.-05/04/2017

To,

All Registered Contractors,
Under T&C Jodhpur Zone

Subject: To convey consent for execution of Bay maintenance work at 132 KV GSS, RRVPNL, Sojat City for the year 2017-18.

Dear Sir,

In reference to above cited subject it is intimated that Bay maintenance, Power Transformers and Bus Bar maintenance work has to be executed at 132 KV GSS, RRVPNL, Sojat City for FY 2017-18.

Sealed consent are hereby invited from all enlisted CLRC contractors for execution of following works. Their consent should be handed over personally at the above office or be sent per registered post. Their consent will be accepted up to 03:00 pm of dated 15.04.2017 and will be opened on the same day i.e. on date 15.04.2017 up to 03:30 pm in presence of enlisted contractors or their representatives who may be present, undersigned has the right to accept or reject any of the consent without assigning any reason.

Thanking You.

Encl: - As above 'G' schedule of Bay maintenance.

(R.K.MISHRA)
AEN (132KV GSS)
RRVPNL, SOJAT CITY

Copy submitted to the following for information and necessary action:-

- 1) The Superintending Engineer (T&C), RRVPNL, Kankani.
- 2) The Executive Engineer (220 KV GSS), RRVPNL, Pali.
- 3) The Accounts Officer (T&C), RVPN, Kankani.
- 4) The Feeder Manager (T&C), RRVPNL, Kankani/Jodhpur with request to upload this letter on RVPN web site.

(R.K.MISHRA)
AEN (132KV GSS)
RRVPNL, SOJAT CITY

**Technical Estimate cum "G" schedule for maintenance work at 132 KV GSS, Sojat City
prepared on the basis of BSR 2011**

1	2	3	4	5	6	7	8
	Maintenance of Bay Equipments	Units	Rate as per BSR	Quantity	Amount per Half Year	Freq.	Total Amount for the year
	Providing of work assistance as given below in Maintenance work of following bay						
	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						
	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						
	l) Cleaning of C&R panel from inside.						
	m) Providing other related work assistance as may be required by Incharge.						
3.3	132 KV bay (1 No. Supervisor + 6 Nos. Workmen)	Each Bay	1892	6	11352	2	22704.00
3.4	33 KV bay (1 No. Supervisor + 5 Nos. Workmen)	Each Bay	1666	11	18326	2	36652.00
4.0	Maintenance of Power Transformers						
	Providing of work assistance as given below in Maintenance of Power Transformers for						
	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 Drycol 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						
	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.						
4.3	132/33 kV (2X10/12.5 MVA & 01X20/25 MVA) (5 Nos. Workmen)	Each Trf.	1220.00	3	3660	2	7320.00
4.4	33/0.4 kV, 100 KVA Aux. supply station Transformer (3 Nos. Workmen)	Each Trf.	774.00	1	774	2	1548.00
5.0	Maintenance of Bus Bars and Associated Equipments						
	Providing work assistance as given below in maintenance work of Bus bars of various						
	a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a						
	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						
	d) Checking of operation of Bus Isolators and their alignment including motorized						
	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.						
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	Each section	1446.00	6	8676	2	17352.00
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	Each section	1351.00	8	10808	2	21616.00
	Total				53596.00		107192.00
	Gross Total				53596.00		107192.00

In Words:-Rs. One Lac Seven Thousand One Hundred Ninty Two Only
Basic amount for one half year= Rs. 53596/-
Basic amount for full year (two half years)= Rs. 53596 X 02 = 107192/-

(Signature)
Assistant Engineer
132 KV GSS, RVPN, Sojat City

I have quoted rates & Above / Below of the rates mentioned above

Date & Place:

Signature of contractor
Name, Address & Rubber Stamp