



**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. 117 /Dt. 08/08/2017

To,

All Registered Contractors,  
Under T&C Jodhpur Zone

**Subject:** To convey consent for execution of Bay maintenance work of 132 KV GSS, RRVPNL, Sojat City at CLRC rates of for F.Y. 2017-18.

Dear Sir,

On the above cited subject it is bring to your kind notice that Bay maintenance, Power Transformers and Bus Bar maintenance work has to be executed at 132 KV GSS, RRVPNL, Sojat City on CLRC basis. And the term & conditions of the CLRC rate contract as approved by the RVPN upto 31/10/2017 and work have to be completed before 31<sup>st</sup> Oct. 2017.

If you interested to carrying out this work on CLRC basis, please send your acceptance/consent for above said work on or before 04.00 PM Dated 14/08/2017.

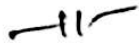
Thanking You.

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 Feeder Manager (T&C), RRVPNL, Kankani/Jodhpur.

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

**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD**  
**BASIC SCHEDULE OF RATES FOR REPAIR & MAINTENANCE WORKS**  
**EHV LINES & GSS - 2011 WITH 60%**

1 The rates for the repair and maintenance works given in this BSR are inclusive of all types of labour charges, but exclusive of service tax, sales tax and insurance charges etc.

2 The Base Date for the rates given in this schedule is 01/04/2011

**Technical Estimate cum "G" schedule for maintenance work at 132 KV GSS, Sojat City**

1	2	3	4	5	6	
3.0	Maintenance of Bay Equipments	Units	Rate as per BSR	Quantity	Freq	Amount per Quarter
	Providing of work assistance as given below in Maintenance work of following bay equipments					
	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					
	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 use of					
	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	1	11352.00
3.4	33 KV bay (1 No. Supervisor + 5 Nos. Workmen)	Each Bay	1666	11	1	18326.00
4.0	<b>Maintenance of Power Transformers</b>					
	Providing of work assistance as given below in Maintenance of Power Transformers for the					
	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 Protection					
	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	1	3660.00
4.4	33/0.4 kv, 100 KVA Aux. supply station Transformer (3 Nos. Workmen)	Each Trf.	774.00	1	1	774.00
5.0	<b>Maintenance of Bus Bars and Associated Equipments</b>					
	Providing work assistance as given below in maintenance work of Bus bars of various voltage					
	a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum					
	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 bus					
	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 Incharge.					
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	Each section	1446.00	6	1	8676.00
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	Each section	1351.00	8	1	10808.00
	<b>Total</b>					<b>53596.00</b>
	<b>Add 60% above BSR</b>					<b>32158.00</b>
	<b>Gross Total</b>					<b>85754.00</b>

In Words:-Rs. Eighty Five Thousand Seven Hundred Fifty Four Only

*R. Kumar*  
**Junior Engineer (M)**  
 132 KV GSS, RVPN, Sojat City

*Assistant Engineer*  
**Assistant Engineer**  
 132 KV GSS, RVPN, Sojat City