



**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED**  
**Corporate Identity Number(CIN):U40109RJ2000SGC016485]**  
**Regd. Office: VidyutBhawan, Jyoti Nagar, Jaipur-302005**  
**OFFICE OF THE ASSISTANT ENGINEER (132 KV .GSS), RVPN, LOSAL**

**Tel: 01577-276427, E-mail: aen\_132\_losal@rvpn.co.in, Website:www.rvpn.co**

**NO.RVPN/AEN/132KV/GSS/LOSAL/ESTT.F / D 110 DATE 08-08-2017**

**To**  
**All Registered Contractors**  
**Under T &C, SIKAR**

**Sub:- Consent for execution of Bay/EquipmentMaintenance work on CLRC rates for  
FY 2017-18**

Dear sir ,

Your consent is desired for executing the Bay/Equipment Maintenance work at 132 KV GSS , RRVPNL, Losal (Sikar) for the year 2017-18 on CLRC basis as per the details mentioned in the enclosed G-Schedule.

Therefore you are requested to convey your consent within 7 days in writing along with copy of valid registration so the case may be further processed.

**Encl: 'G' Schedule of the GSS.**

Assistant Engineer  
132 KV GSS RVPN Losal

## G-Schedule for Maintenance of Power Transformers at 132 kV GSS Losal, Sikar

S.No.	Particulars	Frequency	Unit	BSR Rates	Qty.	Amount
	<p><b>(A)</b> Maintenance of Power Transformer for the following types of Power Transformer (All spares, Lubricating material and only special T&amp;P shall be provided by RVPN Cleaning material and general T&amp;P shall be arrange by the contractor.)</p> <p>a) Cleaning of porcelain of bushing.  b) Checking of tightness of clamps &amp; connectors.  c) Cleaning of Buchholz &amp; 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) Assistance to RVPN in attending to oil leakage from Tr. Body &amp; Bushings.  g) Checking of oil level in oil filled bushing.  h) Checking of Dry air drying system.  i) Assistance to RVPN in measurement of IR values.  j) Assistance to RVPN in measurement of earth resistance.  k) Assistance to RVPN in testing of PRD.  l) Assistance to RVPN in checking of tripping circuit of Buchholz &amp; WDG, oil temperature controls and protection scheme.  m) Checking of OLTC gear operations.  n) Assistance to RVPN in checking of auto circuit of cooling bank.  o) Assistance to RVPN in Taking of oil samples for testing.  p) Assistance to RVPN in carrying out other special measurements as may be required.  q) Providing of other related work assistance as may be required by work in charges.</p>					
		(Freq. X Rate X Qty.)				
	132/33 kV, 20/25 MVA Transformer	(1 x 1220 x 2)	<b>One time</b>	<b>No.</b>	<b>1220</b>	<b>2</b>
	33/0.4 kV, 250 kVA Station Tr.	(1 x 774 x 1)	<b>One time</b>	<b>No.</b>	<b>774</b>	<b>1</b>
<hr/> <b>Total cost as per BSR for One year -</b> <b>(Rupees Three thousand two hundred fourteen only)</b>						<b>3214</b>

## G-Schedule for Maintenance of Bay Equipment at 132 kV GSS Losal, Sikar

S.No	Particulars	Frequen cy	Unit	BSR Rates	Qty.	Amount
	<p><b>(B)</b> Maintenance work of following bay equipment such as Circuit Breaker, Current Transformers, Lightening Arrestors, Isolators, CVTs. PLCC Equipment and corresponding control and Relay Panels, (All spares, Lubricating material and only special T&amp;P shall be provided by RVPN Cleaning material and general T&amp;P shall be arranged by the contractor.)</p> <p>a) Checking of lightness of clamps &amp; connections..</p> <p>b) Cleaning of all Insulators.</p> <p>c) Assistance to RVPN in attending oil leakage, if any.</p> <p>d) Cleaning of all Junction Boxes and secondary terminal boxes.</p> <p>e) Assistance to RVPN in checking of operation of CB through relays and verfyng various logic and control circuit and annunciation circuits.</p> <p>f) Assistance to RVPN in measurement of CB operation timings.</p> <p>g) Checking of Isolator operation and its alignments.</p> <p>h) Checking of gas pressures like SF6 &amp; N2 in circuit breakers/CTs, etc.</p> <p>i) Assistance to RVPN in measurement of IR values of Las, Cts, and CVTs.</p> <p>j) Lubrication of defined parts of all equipment at all required points.</p> <p>k) Washing the equipment,in case oil stains are present, then washing is to be done with use of detergent.</p> <p>l) Cleaning of C &amp; R panel from inside.</p> <p>m) Tightening of clamps &amp; connectors and spacers on overhead bus conductors and gantries (at maximum height of 25 metres using safety belts)</p> <p>n) Providing other related work assistance as may be required by In charge.</p>					
	132 kV Bay			<b>one time</b>	<b>No. 1892</b>	<b>4 7568</b>
	33 kV Bay			<b>one time</b>	<b>No. 1666</b>	<b>9 14994</b>
		(1 x 1892 x 4)				
		(1 x 1666 x 9)				


**(B) Total cost as per BSR for One year -**  
**(Rupees twenty two thousand five hundred Sixty two only)**

**22562**

## G-Schedule for Maintenance of Bus Bar at 132 kV GSS Losal, Sikar

S.No.	Particulars	Frequen cy	Unit	BSR Rates	Qty.	Amount
	<p>( C ) Providing work assistance as given below in Maintenance work of Bus Bars of Various Voltage levels. (All spares,lubricating material and only special T&amp;P shall be provided by RVPN Cleaning material and general T&amp;P shall be arranged by the contractor.)</p> <p>a) Tightening of clamps &amp; connectors on overhead bus conductors and gantiers (at a maximum height of 25 meters using safety belts.) Also tightening of clamps / connectors of all bus side associated equipment.</p> <p>b) Replacement of worn out clamp &amp; connectors of bus during work under item No. (a)</p> <p>c) Cleaning of all insulators of suspension and tension string of bus bars and insulators of bus isolators, Bus CVT,s /PT's</p> <p>d) checking of operations of Bus isolators and their alignment including motorized operation.</p> <p>e) Maintenance of operating mechanism &amp; switches, etc.,</p> <p>f) Lubrication of all moving parts.</p> <p>g) Providing of other related work assistance as may be required by Work Incharge</p>					
	132 kV Bus Section (1 x 1446 x 4)	one time	No.	1446	4	5784
	33 kV Bus Section (1 x 1351 x 5)	one time	No.	1351	5	6755
<hr/> <p>( C ) Total cost as per BSR for One Quarter - (Rupees twelve thousand five hundred thirty nine only)</p> <hr/>						12,539
<p><b><u>Grand Total (A+B+C)</u></b></p>						<b>38315</b>

**As per CLRC Rate contract @ 60% above on BSR – 2011 = Rs. 61304/-  
IN WORDS :- (Rupees Sixty one thousand three Hundred four Only).**

  
 Assistant Engineer  
 132 KV GSS, RVPN, LOSAL