



**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED**  
(An ISO 9001:2008 certified company)  
Office of the Executive Engineer (220 KV GSS)Nadbai

No. RVPN / XEN 220KV / GSS / NADBAI / ESTT./ D. 461 DATE:- 14/9/17

**NOTIFICATION**

To,  
All Registered Contractors

.....  
.....  
.....

Sub: -Consent for Bay& Bus Bar Maintenance and EHV Equipments maintenance work at 220 KV GSS RVPN Nadbai for FY 2017-18. (wef Aug..2017 to OCT.2017)

Dear Sirs,

On the above cited subject please convey your acceptance to execute the above Bay Maintenance & EHV Equipments maintenance work at 220 KV GSS RVPN Nadbai for FY 2017-18 (wef 01.08.2017 to 31.10.2017) at 220 KV GSS RVPN, Nadbai, (Bharatpur) on basis of CLRC rate, if you are agree to do this work. Please send your acceptance within 10 days otherwise it will be presumed that you are not interested to execute this work.

It may be treated as most urgent.

Encl:-(1)G schedule for Bus Bar, Associated Equipments,bay equipments & power Transformers at 220 KV GSS RVPN Nadbai for FY 2017-18. (wef 01.08.2017 to 31.10.2017)

  
(R.K.Meena)

Executive Engineer  
220 KV GSS RRVPNL, Nadbai

Copy Submitted to the following for kind information &further N/A please:-

1. The Chief Engineer (T&C, JZ) RVPNL Jaipur.
2. The Superintending Engineer (T&C), RVPN, Bharatpur.
3. Sh. Kuldeep Singh Rathore, AEN (PTCC) RVPN, Jaipurfor uploading of NIT/Notification in website,e-mail : tender.zcetncjaipur@gmail.com.
4. The Account Officer (T&C), RVPN, Bharatpur.
5. Notice Board.

  
Executive Engineer  
220 KV GSS RRVPNL, Nadbai

**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD**  
**(AN ISO9001:2000 Certified Company)**  
**OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) Nadbai**

**'G' SCHEDULE**

(A) Maintenance of Bus Bar and Associated equipments at 220 KV GSS Nadbai for the  
 FY 2017-18 Aug. -Oct 2017)

S. No	Description of work	Qty.	frequency	Rate as per BSR- 2011	Total Amount (in Rs.) 3X4X5
1	2	3	4	5	6
1	<p>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 provide by RVPN. Cleaning material and general T&amp;P shall be provided by the contractor.)</p> <p>a) Tightening of clamps &amp; connectors on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belt). Also tightening of clamps/ connectors of all bus side associated equipments.</p> <p>b) Replacement of worn out clamps &amp; connectors of bus during work under item No. (a)</p> <p>c) Cleaning of all insulators of suspension &amp; tension strings of bus bars and insulators of bus isolators, Bus CVT's/ PT's.</p> <p>d) Checking of operation of bus isolator and their alignment including motorized operation.</p> <p>e) Maintenance of operating mechanism &amp; switches etc.</p> <p>f) Lubricating of all moving parts.</p> <p>g) Providing of other related work assistance as may be required by work in charge.</p>				
	1. 220 KV Bus Section (01 No. Supervisor + 6 Nos. Workman)	04 Section	01 times	Rs.1940.00 Per Section	Rs.7760.00
	2. 132 KV Bus Section (01 No. Supervisor + 4 Nos. Workman)	14 Section	01 times	Rs.1446.00 Per Section	Rs.20244.00
	3. 33 KV Bus Section (01 No. Supervisor + 4 Nos. Workman)	04 Section	01 times	Rs.1351.00 Per Section	Rs.5404.00
	TOTAL				33408.00
	Add. 60% As per CLRC				20044.8
	NET TOTAL				<b>53452.80</b>

Rs Fifty Three Thousand four Hundred Fifty Two Rupees Eighty paisa only

**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD**  
**(AN ISO9001:2000 Certified Company)**  
**OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) Nadbai**  
**'G' SCHEDULE**

**(B) Maintenance of Bay equipments at 220 KV GSS Nadbai**

S. No	Description of work	Qty.	frequency	Rate as per BSR- 2011	Total Amount (in Rs.) 3X4X5
1	2	3	4	5	6
1	<p>Providing work assistance as given below in maintenance work of following Bay equipments such as circuit breaker current transformer, lightning arrestor , isolators, CVT's PLCC equipments and corresponding control &amp; relay panels (All spares, lubricating material and only special T&amp;P shall be provide by RVPN. Cleaning material and general T&amp;P shall be provided by the contractor.)</p> <p>a) Checking of tightness of clamps &amp; 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 relay and verifying various logic and control circuit and annunciation circuit  f) Measurement of CB operation timings.  g) Checking of Isolators operation &amp; its alignments.  h) Checking of gas pressure like SF6 &amp; N2 in CB/CT.  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 detergent solution.  l) Cleaning of C&amp;R panel from inside.  m) Providing other related work assistance as may be required by work in charge.</p> <p>1. 220 KV Bay  (01 No. Supervisor + 8 Nos. Workman)</p> <p>2. 132 KV Bay  (01 No. Supervisor + 6 Nos. Workman)</p> <p>3. 33 KV Bay  (01 No. Supervisor + 5 Nos. Workman)</p>				
		05 Bay	01 times	Rs. 2332.00 Per Bay	Rs.11660.00
		10 Bay	01 times	Rs. 1892.00 Per Bay	Rs.18920.00
		11 Bay	01 times	Rs. 1666.00 Per Bay	Rs.18326.00
	TOTAL Add. 60% As per CLRC				48906.00 29343.60
	NET TOTAL				<b>78249.60</b>

Rs. Seventy Eight Thousand Two Hundred Forty nine rupees &Sixty paisa Only

**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD**  
**(AN ISO9001:2000 Certified Company)**  
**OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) Nadbai**

**'G' SCHEDULE**

**(C) Maintenance of Power Transformer at 220 KV GSS Nadbai**

S. No	Description of work	Qty.	frequency	Rate as per BSR- 2011	Total Amount (in Rs.) 3X4X5
1	2	3	4	5	6
1	<p>Maintenance of Power Transformers for the following types of Power Transformers. (All spares, lubricating material and only T&amp;P shall be provided by RVPN. Cleaning material and general T&amp;P shall be arranged by the contractor.)</p> <p>A Cleaning of porcelain bushings.  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 bushings.  H Checking of Drycol air drying system.  I Assistance to RVPN in measurement of I.R 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 circuits of Buchholz &amp; WDG ,oil temperature Controls and protection scheme.  M Checking of OLTC gear operations.  N Assistance to RVPN in Checking of auto Circuits of cooling bank.  O 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 charge.</p> <p>(i) 220/132 KV ,100/160 MVA</p> <p>(ii) 132/33 KV (All capacities)</p> <p>(iii) 33/11 KV &amp; Aux. supply station Transformer</p>	02 Nos.	01 times	RS.1357.00	RS.2714.00
		03 Nos.	01 times	RS.1220.00	RS.3660.00
		01 No	01 times	RS.774.00	RS.774.00
	TOTAL				7148.00
	Add. 60% As per CLRC				4288.80
	NET TOTAL				<b>11436.80</b>

Rs. Eleven Thousand Four Hundred Thirty Six Rupees & Eighty Paise Only

  
**JUNIOR ENGINEER (M)**  
**220KV GSS RVPNL**

  
**ASSISTANT ENGINEER (M)**  
**220KV GSS RVPNL**

  
**EXECUTIVE ENGINEER**



G.TOTAL (A+B+C)→53452.80+78249.60+11436.80= 143139.20

Say Rs.=143139.00

(Rs. One Lac Forty Three Thousand One Hundred Thirty nine only)

Page 4/4

Terms & conditions:-

1. All material, spares & only special T&P shall be provided by RVPN
2. The Contractor shall provide and ensure the use of safety devices and shall take precautions as per norms.
3. The Contractor shall follow a safe method of working so that there is no damage to Nigam's material and also no injury to any of his workers. The contractor shall be fully responsible for the safety of workers and RVPN will not be responsible for any type accident, minor or fatal to any person at work site.
4. RVPN will issue a written one day notice to the contractor for the proposed work to be taken up during shut down of bay/equipment in case of routine maintenance.
5. The contractor should have capability of providing required labour under emergent circumstances at a short notice.
6. All the workman provided by the contractor shall be got insured for accidents by the contractor himself.
7. The permit to work shall not be issued to the supervisor of the contractor.
8. In accordance with the scope of works this is a labour contract hence no sales tax will be leviable. However any tax on such labour contract if levied shall be to the contractor's account.
9. The work will be carry out in the presences of nominated officer.
10. The payment will be arranged after work completion satisfactory.

  
EXECUTIVE ENGINEER  
Executive Engineer (220 KV GSS)  
RVPNL, Nadbai  
NADBAI

Sign. Of contractor