

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

[Corporate Identity Number (CIN):U40109RJ2000SGC016485]

AN ISO 9001:2008 CERTIFIED COMPANY

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

OFFICE OF THE ASSISTANT ENGINEER, 132 KV GSS, RRVPNL, MANDAWA

Telephone: +91-1592-223078,9413382318 E-mail: aen.132.mandawa@rvpn.co.in

No.- RVPN / AEN / 132 KV GSS / MDW / Estt./ F. / D. 11 Dated: 12/04/2017

All Registers Contractors,
Under T&C, Ajmer Zone.

SUB: - Consent for the work of repair and maintenance of 132 kV GSS, RRVPNL, Mandawa in Single frequency w.e.f. 01/05/2017 to 31/07/2017 on CLRC.

On the above cited subject kindly find enclosed herewith the copy of the G-schedule for the work of consent for the work of repair and maintenance of 132 kV GSS, RRVPNL, Mandawa in Single frequency w.e.f. 01/05/2017 to 31/07/2017 on CLRC .

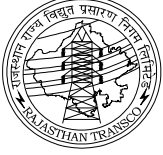
You are registered contractor for do the work on CLRC.if you are interested to do the above work as per term and condition laid down in G-schedule.

Please arrange to give your consent to do the work in written to this office within 10 days. Falling which it will be presume that you are not interested to do the work and work may be give to other CLRC registered contractor which may please be noted.

Encl: - G-schedule of the GSS



Assistant Engineer
132 KV GSS RVPNL
MANDAWA (JHUNJHUNU)



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**G Schedule for Maintenance work of Substation on labour contract Rate as per order No.RVPN/SE(SSPC)/XEN(TK)/BSR/A1/D.21 dated 04.04.2011
Period (01/05/2017 to 31/07/2017)**

S No	Description of Work	Unit	Qty.	Rate	Amount in Rs
3.0	Maintenance of Bay Equipments				
	<p>Providing of work assistance as given below in Maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lightning Arrestors, Isolators, CVTs, PLCC equipments and corresponding Control and Relay Panels. (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.)</p> <p>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 annunciation circuits. 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.</p>				

	<p>k) Washing the equipments. In case oilstains are present, then washing is to bedone with use of detergent solution.</p> <p>l) Cleaning of C&R panel from inside.</p> <p>m) Providing other related work assistance as may be required by Incharge.</p>				
3.1	400 KV Bay(1 No. Supervisor + 10 Nos. Workmen)	Each	0	2773.00	0
3.2	220 KV bay (1 No. Supervisor + 8 Nos. Workmen)	Each	0	2332.00	0
3.3	132 KV bay (1 No. Supervisor + 6 Nos. Workmen)	Each	4*1	1892.00	7568.00
3.4	33 or 11 KV bay (1 No. Supervisor + 5 Nos. Workmen)	Each	10*1	1666.00	16660.00
4.0	Maintenance of Power Transformers				
	<p>Providing of work assistance as given below inMaintenance of Power Transformers for thefollowing types of Power Trans-formers. (All spares, lubricating material and only specialT&P shall be provided by RVPN. Cleaningmaterial and general T&P shall be arranged by the contractor.)</p> <p>a) Cleaning of porcelain of bushings.</p> <p>b) Checking of tightness of clamps & Connectors.</p> <p>c) Cleaning of Buchholz & oil surge relays.</p> <p>d) Cleaning of glasses of all oil level indicators.</p> <p>e) Cleaning of marshalling box, cooler control cubicle, thermometer etc., as provided.</p> <p>f) Attending to oil leakage from Transformer Body & Bushings.</p> <p>g) Checking of oil level in oil filled bushings.</p> <p>h) Checking of Drycol air drying system.</p> <p>i) Measurement of I.R. values.</p> <p>j) Measurement of earth resistance.</p> <p>k) Testing of PRD</p> <p>l) Checking of tripping circuits of Buchholz &WDG, oil temperature controls and protection scheme.</p> <p>m) Checking of OLTC gear operations.</p> <p>n) Checking of auto circuits of cooling bank.</p> <p>o) Taking of oil samples for testing.</p> <p>p) To carryout other special measurements asmay be required.</p>				
4.1	<p>q) Providing of other related work assistanceas may be required by work incharge.</p> <p>400/220 kV, 315 MVA or 250 MVA (8 Nos. Workmen)</p>	Each Trf.	0	1797.00	0
4.2	<p>220/132 kV, 100 MVA or 50 MVA and 220/33 kV, (6 Nos. Workmen)</p>	Each Trf.	0	1357.0	0

4.3	132/33 kV & 132/11kV (All capacities) (5 Nos. Workmen)	Each Trf.	02*1	1220.0	2440.00
4.4	33/11 kV & Aux. supply station Transformer (3 Nos. Workmen)	Each Trf.	01*1	774.00	774.00
5.0	Maintenance of Bus Bars and Associated Equipments				
	<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&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the contractor.)</p> <p>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.</p> <p>b) Replacement of worn out clamps & connectors of bus during work under item No. (a).</p> <p>c) Cleaning of all insulators of suspension and tension strings of bus bars and insulators of bus isolators, Bus CVT's /PT's Checking of operation of Bus isolators and their alignment including motorize operation.</p> <p>e) Maintenance of operating mechanism & 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>				
5.1	400 KV Bus Section (1 No. Supervisor + 6 Nos. Workmen)	Each	0	2386.00	0
5.2	220 KV Bus Section (1 No. Supervisor + 6 Nos. Workmen)	Section	0	1940.00	0
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	n	4*1	1446.00	5784.00
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)		04*1	1351.00	5404.00

Total Rs 38630.00

Add 60% above for CLRC as per order No. RVPN/SE/SSPC/TK/A.1 /TN-2975/CLRC/D.501 Dated 24.05.2013

Rs. 23178

Grand Total Rs. **61808.00**

(Rs. Sixty one thousand eight hundred eighty only)

Shailendra

J.En(M)
132 KV GSS Mandawa

Calvin

AEN
132 KVGSS Mandawa