



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
 (Reg. Office: Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur-302005)
OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS)
 Molasar, (Nagaur) -341506, Telephone No.01580-240536
 E-mail: aen.132.molasar@rvpn.co.in

NO. RVPN / AEN / 132 KV / GSS / MOLASAR/Estt. /F./ **D- 120 Dt . 27.07.2016**

M/s- JOGMAYA ELECTRO CONSTRUCTION 88,Z.S.A.,BJS COLONY, JODHPUR
 M/s-Shree Balaji Electro Construction Vaishali Nagar, Kuchaman City(Nagaur)
 M/S- Ganapti Electricals Merta City Lamba jatan,Nagaur.

Subject :- Work offer for Maintenance work of Substation on labour contract Rate at 132KV, GSS,RRVPNL, Molasar.
NOTE: Please arrange to send written consent to this office within seven days i.e. upto 16.00 Hrs of 02.08.2016.

Dear Sir,
 In reference to the above cited subject & letter under reference , you are invited to execute Maintenance work of Substation on labour contract Rate at 132 KV, GSS,RVPNL, Molasar on CLRC rates / guide line of RVPNL. The copy of "G-Schedule" of above work is enclosed herewith. If you are interested to undertake the above work and your firm is registered with the SE (400KV,GSS), RVPNL, Merta City for year 2016-17 , then please arrange to send written consent to this office within seven days. So that work order may be placed upon your firm after your acceptance.

"G SCHEDULE"

Name of Work :- Contract For Maintenance work of Substation on labour contract Rate at 132KV GSS RVPN, Molasar

S No	Description of Work	Unit	Qty.	Rate	Amount in Rs
3.0	Maintenance of Bay Equipments				
	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.) 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 equipment's 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&R panel from inside. m) Providing other related work assistance as may be required by In charge.				
3.1	400 KV Bay (1 No. Supervisor + 10 Nos. Workmen)	Each	0	2773.00	0.00
3.2	220 KV bay (1 No. Supervisor + 8 Nos. Workmen)	Each	0	2332.00	0.00
3.3	132 KV bay (1 No. Supervisor + 6 Nos. Workmen)	Each	05	1892.00	9460.00
3.4	33 or 11 KV bay (1 No. Supervisor + 5 Nos. Workmen)	Each	11	1666.00	18326.00
4.0	Maintenance of Power Transformers				
	Providing of work assistance as given below in Maintenance of Power Transformers for the following types of Power Transformers. (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.) 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, thermo meter etc., as provided. f) Attending to oil leakage from Transformer Body &				

	<p>Bushings.</p> <p>g) Checking of oil level in oil filled bushings.</p> <p>h) Checking of Dry col 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 carry out other special measurements as may be required.</p>				
4.1	<p>q) Providing of other related work assistance as may be required by work in charge.</p> <p>400/220 kV, 315 MVA or 250 MVA (8 Nos. Workmen)</p>	Each Trf.	0	1797.00	0.00
4.2	<p>220/132 kV, 100 MVA or 50 MVA and 220/33 kV, (6 Nos. Workmen)</p>	Each Trf.	0	1357.0	0.00
4.3	<p>132/33 kV & 132/11kV (All capacities) (5 Nos. Workmen)</p>	Each Trf.	02	1220.0	2440.00
4.4	<p>33/11 kV & Aux. supply station Transformer (3 Nos. Workmen)</p>	Each Trf.	01	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 In charge.</p>				
5.1	400 KV Bus Section (1 No. Supervisor + 6 Nos. Workmen)	Each	0	2386.00	0.00
5.2	220 KV Bus Section (1 No. Supervisor + 6 Nos. Workmen)	Section	0	1940.00	0.00
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)		02	1446.00	2892.00
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)		02	1351.00	2702.00

TOTAL AMOUNT (A) = **36597.00**

Yearly amount (One time in a year maint.)(B)= **1 x 36597.00 = 36597.00**

Add 60% above BSR (C) = **21958.00**

GRAND TOTAL (B+C)= **58555.00**

(IN WORDS RUPEES FIFTY EIGHT THOUSAND FIVE HUNDRED FIFTY FIVE ONLY)

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



JEN (M) (132 KV GSS)
RVPN, MOLASAR



AEN(132 KV GSS)
RVPN, MOLASAR