

RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LIMITED

VIDHYUT BHAWAN, JANPATH, JYOTI NAGAR, JAIPUR

(An ISO 9001:2008 Certified Company)

Office of The Assistant Engineer (132 KV GSS) RVPN, Kumawas (Jhunjhunu)

TEL No. 01594-271210, Mob. 09462511930, Email- aen.132.kumawas@rvpn.co.in

No: RVPNL/AEN/132 KV GSS/KWS/G-Sch/F: 145 /D: 13 / Dated 12.04.2017

To
All Contractors,
Ajmer Zone

Sub: Consent for the work of Repair and Maintenance of 132 KV GSS (EHV GSS) for the FY 2017-18 in Single frequency at 132 KV GSS, Kumawas.

On the above cited subject kindly find enclosed herewith the copy of the G-Schedule for the consent for the work of repair and maintenance of 132 KV GSS(EHV GSS) for the FY 2017-18 in Single frequency at 132 KV GSS, Kumawas.

All you registered contractors for CLRC work are hereby intimated that if you are interested to carry out the work as per terms and conditions laid down as per G-Schedule, please arrange to give your consent to do the work in written to this office within 10 days.

Enclosed as above:-


(Mohar Singh)

Assistant Engineer
(132 KV GSS) RVPNL
Kumawas (Jhunjhunu)
9462511930



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.
(An ISO 9001:2000 Certified Company)
OFFICE OF THE ASSISTANT ENGINEER(132 KV GSSJ), KUMAWAS

G. Schedule for Maintenance work of Substation on labour contract Rate

S N o.	Description of Work	Qty	Rate for one time	Amount in Rs
1	<p>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, CVT's, 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. 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&R panel from inside. m) Tightness of clamp and connectors & spacers on overhead Bus conductors and Gantries at maximum height of 25 meters using safety belts also tightening of clamp and connectors of all associated equipments connected to such overhead bus n) Providing other related work assistance as may be required by Incharge.</p>			
	1. 220 KV bay (1 No. Supervisor + 8 Nos. Workmen)	NIL	2332.00	00
	2. 132 KV bay (1 No. Supervisor + 6 Nos. Workmen)	04*1=04	1892.00	7568=00
	3. 33 or 11 KV bay (1 No. Supervisor + 5 Nos. Workmen)	10*1=10	1666.00	16660=00

2 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 controlcubicle, thermometer, etc., 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 scheme.
- 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. 400/220 KV, 315 MVA or 250 MVA (8 Nos. Workmen)
1. 220/132 KV, 100 MVA or 50 MVA and 220/33 KV, (6 Nos. Workmen)
2. 132/33 KV & 132/11KV (All capacities) (5 Nos. Workmen)
3. 33/11 KV & Aux. supply station Transformer (3 Nos. Workmen)

NIL

1357.0

00

02*1=2

1220.0

2440=00

01*1=1

774=00

774=00

3

Maintenance of Bus Bars and Associated

Equipments

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.) a) Tightening of clamps & connectors on overhead bus conductors and gentries (at a maximum height of 25 meter using safety belts). Also, tightening of clamp/connectors of all bus side associated equipments. 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 isolators, Bus CVT's /PT's) Checking of operation of Bus isolators and their alignment including motorize 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.			
1. 220 KV Bus Section (1 No. Supervisor + 6 Nos. Workmen)	NIL	1940.00	00
2. 132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	02*1=2	1446.00	2892=00
3. 33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	02*1=2	1351.00	2702=00

Total of Page 1 & 2 and 3 = 33036=00
 Add premium @ 60 % as per CLRC Rate = 19821=60
 GRAND TOTAL = 52,857=60
 Grand total(Round off) = 52858=00

Say Rs. 52,858/ ONLY (Fifty Two thousand eight hundred Fifty eight only)

[Signature]
 SEN-M.

JEN Maintenance
 R.V.P.N.L. 132 KV GSS
 KINOWAL, COIMBATUR

[Signature]
 (MOHAR SINGH)
 AEN 132 KV GSS KUMAWAS