



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
(AN ISO 9001:2000 Certified Company)
OFFICE OF THE ASSISTANT ENGINEER 132KV GSS SANWAD
UDAIPUR-313206

TELE No.—02955 293233

E-mail: -aen 132 sanwad@rvpn.co.in

NO. RVPNL/AEN/132KV/GSS/SANWAD./F

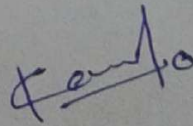
/D. 81 Dt. 24.8.2016

M/S Sunrise Electrical Jaipur.
M/S Gayatri Service Solutions, Jaipur.
M/S Karni Electricals, Ajmer.
M/S Vinayak Enterprises, Udaipur.
M/S Ashapura Trading Co., Jodhpur.
M/S Geetanjali Electro Construction, Bhilwara.
M/S Vishwakarma Construction, Jaipur.
M/S Anil Traders, Ashok Nagar, Udaipur.

Sub.:- Consent for Bay & equipment maintenance at 132KV GSS Sanwad, for FY 2016-17.
Ref.:- CLRC order no. RVPN/SE/SSPC/TK/A.I/TN-2975/CLRC/D.501 Dated 24/05/2013.

With reference to the above, you are being the registered E-I/E-II contactor of the circle for awarding work on CLRC as such you are requested to please submit your concern to this office latest by 31/08/2016 positively so that the work order procedure may be initiated for Bay & Equipment maintenance work at 132KV GSS Sanwad, Udaipur.

The G-Schedule of 132KV GSS Sanwad is being enclosed here with for your reference with response to submit your consent before scheduled date.


ASSISTANT ENGINEER
(132 KV GSS)
RVPNL, SANWAD (UDAIPUR)

Copy submitted/forwarded to the following for information and necessary action please:-

- 1- The Superintending Engineer (T&C) Udaipur.
- 2- The Accounts Officer (T&C) Udaipur.

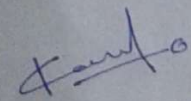
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ASSISTANT ENGINEER
(132 KV GSS)
RVPNL, SANWAD (UDAIPUR)

RAJASTHAN RAJYA VIDHYUT PARSARAN NIGAM LTD.
OFFICE OF THE ASSISTANT ENGINEER (132KV GSS) SANWAD (UDAIPUR)
 ("G SCHEDULE")

SCHEDULE OF RATES FOR MAINTENANCE WORK OF SUBSTATION ON LABOUR CONTRACT
 BASIS OF 132KV GSS, RVPNL, SANWAD, UDAIPUR

S.NO.	PARTICULARS	UNIT	Freq.	RATES.	TOTAL.
			of Main	in Rs	in Rs
1	Maintenance of Bay Equipments				
	Maintenance work of following bay equipments such as Circuit Breaker, Current transformers, Lightning Arrestors, Isolators, CVTs, PLCC equipment 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) Assistance to RVPN in attending to oil leakage, if any				
	d) Cleaning of all junction boxes and sec. terminal boxes.				
	e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuit and annunciation circuits				
	f) Assistance to RVPN in measurement of CB operation timings. operation timings.				
	g) Checking of isolator operation and its alignments.				
	h) Checking of gas pressure like SF6 and N2 in circuit breaker/CT's, etc.				
	i) Assistance to RVPN in measurement of IR values of LA's, CT's and CVT's.				
	j) Lubrication of defined parts of all equipments at all required points.				
	k) washing of equipments, in case oil stains are present, than washing is to be done with use of detergent solution.				
	l) cleaning of C&R pannel from in side				
	m) Tighting of clamps and connector and spacers on overhead bus conductors and gantries(at a maximum height of 25 mete rusing safety belts). Also, tighting of clamps connectors of all associated equipments connected to such overhead bus.				
	n) Providing other related work assistance as may be required by incharge.				
A	132KV bays	4	2	1892	15136
B	33KV bays	7	2	1666	23324
2	Maintenance of power transformers				
	Maintenance of power transformers for the following type 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 and oil surge relays.				
	d) Cleaning of glasses of the all oil level indicators				
	e) Cleaning of marshalling box, cooler control cubical, thermameter, etc				
	f) Assistance to RVPN in attending to oil leakage from Tr. Body and bushings.				
	g) checking of oil level in oil filed bushings.				
	h) checking of Dry col air drying system.				
	i) Assistance to RVPN in measurement of IR values.				
	j) Assistance of RVPN in measurement of earth resistance.				
	k) Assistance of RVPN in testing of PRD				
	l) Assistance to RVPN in checking of tripping circuit of Buchholz and WDG oil temperature controls and prot. Schemme.				
	m) Checking of OLTC gear operations.				
	n) Assistance to RVPN in checking of auto circuit of cooling bank				
	o) Taking of oil sample for testing				
	p) Assistance to RVPN in carrying out other special measurement as may be required.				
	q) Providing of other related work assistance as may be required by work incharge.				
A	132/33KV Transformer				
	a) 132/33KV, 20/25MVA Transformer (IMP)	1	2	1220	2440
B	Station Transformer				
	33/0.4KV, 250KVA Transformer	1	2	774	1548
3	MAINTENANCE OF BUS BAR AND ACCOCIATED EQUIPMENTS				
	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 gantries(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 bar and insulators of bus isolators, Bus CVT's/PT's.				
	d) Checking of operation of Bus isolators and their alignment including motorized operation.				
	e) Maintenance of operating mechanism & switches, etc. of isolators.				
	f) Lubrication of all moving parts of isolators.				
	g) Providing of other related work assistance as may be required by work-in-charge.				
		2	2	1446	5784
A	132KV BUS	2	2	1351	5404
B	33KV BUS				
	TOTAL(Rs.)				53636
	Above on CLRC 60%				32182
	Grand Total Round off				85818

Amount In Words (Rs.) Eighty Five Thousand Eight Hundred Eighteen Only


ASSISTANT ENGINEER
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 RVPNL, SANWAD (UDAIPUR)