



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
CIN: U40109RJ2000SGC016485 (An ISO 9001-2008 Certified Company)
OFFICE OF THE SUPERINTENDING ENGINEER (T&C)
CHITTORGARH
PIN- 312201

Email: < se.tnc.chittor@rvpn.co.in >

NO: RVPN/SE/T&C/COR/TECH/F.46 /D. 728

/ Date: 04-11-16

All Registered Contractors (Class E I & E II)
(T&C) Zone AJMER

Subject: Bay maintenance work at work for the Year 2016-17 at 132 kV
GSS PRATAPGARH

Reference: 1. CLRC order NO: RVPN/SE/SSPC/TK/ A.1/TN-2975/
CLRC /D.303 dated 18.05.15
2. CLRC extension order NO: RVPN/SE/SSPC/TK/
A.1/ TN-2975/CLRC /D: 1151 dated 11.09.15

You are hereby requested to submit your consent latest by closing hours of
November 15, 2016 positively for carrying out the following work **Under CLRC rates:**
"Bay maintenance work for the Year 2016-17 at 132 kV GSS PRATAPGARH"

Serial Number	Name of Work	Tentative Amount	Remarks
1	Bay maintenance at 132 kV GSS PRATAPGARH	160208/-	As per "G Schedule"

The "G Schedule" is being enclosed herewith for your reference with request to submit your consent before schedule date.

Please also submit following detail and certificate along with your consent.

1. Ongoing and completed work detail.
2. Copy of registration certificate as registered contractor.
3. Copy of Tax Clearance Certificate.

SUPERINTENDING ENGINEER (T&C)
RVPN CHITTORGARH

Copy to: -

1. THE EXECUTIVE ENGINEER (220kV GSS) RVPN NIMBAHERA
2. THE FEEDER MANAGER (T&C) RVPN UDAIPUR

SUPERINTENDING ENGINEER (T&C)
RVPN CHITTORGARH

OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS) PRATAPGARH

"G" SCHEDULE

Name of the work:- Cleaning and maintenance work of 132KV GSS Pratapgarh w.e.f. 01/10/2016 to 31/03/2017

S.No.	Particulars	Unit	Rate	Quantity	Amount
1	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 T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the Contractor.) quarterly				
	a) Checking of tightness of clamps & connectors.				
	b) Cleaning of all insulators.				
	c) Attending to all 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 pressure 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.				
	k) Washing the equipments, In case all 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 Incharge.				
1.1	132 KV bay (1 No. Supervisor + 6 Nos. workmen)	Each Bay	1892	8 X 2= 16	30272
1.2	33 KV bay (1 No. Supervisor + 5 Nos. workmen)	Each Bay	1666	14 X 2 = 28	46648
2	Maintenance of Power transformers				
	Providing of work assistance as given below in maintenance Power Transformers for the following types of Power Transformers. (All spares, lubricating material and only T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the Contractor.) quarterly				
	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 cubical, thermometer, etc., as 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 IR 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.				
2.1	132/33 KV & 132/11 KV (All capacities) (5 Nos. Workmen)	Each Transformer	1220	2 X 2 =4	4880
2.2	33/11 KV & aux. supply station Transformer (3 Nos. Workmen)	Each Transformer	774	1 X 2= 2	1548
3	Maintenance of Bus Bars and Associated Equipments				
	Providing of work assistance as given below in maintenance work of Bus bars of various voltage levels. (All sapres, lubricating material and only T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the Contractor.) half yearly				
a	Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 metre 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.				
d	Checking of operation of Bus isolators and their alignment including motorized 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.				
3.1	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	Each Section	1446	6 X 1 = 6	8676
3.2	33 KV or 11 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	Each Section	1351	6 X 1 = 6	8106
	Total "A"				100130.00
	Add 60% on total "A"				60078.00
	Grand Total				160208.00

Assistant Engineer
 132 KV GSS RVPNL
 Pratapgarh (Raj.)