



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
(Reg. Office: Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur-302 005)
OFFICE OF THE SUPERINTENDING ENGINEER (400KV GSS)
Merta City, Nagaur- 341510, Telephone No.01590-221353
Fax No.220141, E-mail: xen.400.merta@rvpn.co.in
No. RRVPNL/SE/T&C/MTC/Tech./F.WORK /D.903 Date 08/8/2016


The All registered contractor
under The ZCE (T&C A/Z).
RVPNL, Ajmer.

Subject: - Maintenance work of EHV Bay Equipments, Transformers at 400 KV GSS, RVPNL, Merta City.

On the above cited subject, it is intimated that work of Maintenance work of EHV Bay Equipments, Transformers at 400 KV GSS, RVPNL, Merta City is to be executed as per enclosed G-schedule under CLRC rate against TN-2975.


If you are interested to carried out the above said work please give your consent within a period of 15 days (i.g. 22.08.2016) from the issue of this letter otherwise it will we presumed that you are not interested to carry out the said work.

Enclosed :- (1) G-Schedule


Executive Engineer (400 KV GSS)
RVPNL, Merta City

Copy Submitted to the following for information and necessary action:

1. The Superintending Engineer (T&C), RVPNL, Merta City.
2. The Accounts officer (T&C), RVPNL, Merta City.


Executive Engineer (400 KV GSS)
RVPNL, Merta City

OFFICE OF THE EXECUTIVE ENGINEER (400KV GSS), RVPN, Merta City
"AN ISO 9001-2008 Certified Company"

G-Schedule for maintenance work of Bay Equipments, Power Transformers and Bus Bars & associated equipments for the year : 2016-17 at 400KV GSS, RVPN, Merta City
w.e.f. 01-09-2016 to 31-03-2017

S.NO.	Particulars	Numbers of bays	Frequency of maintenance to be done in this year	Rate as per BSR for each bay (Rs.)	Amount as per BSR (Rs.)	Amount as per CLRC (60% above BSR) (Rs.)
1	Maintenance of Bay Equipments					
	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 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) Providing other related work assistance as may be required by In charge.					
	1. 220 KV bay	10	2	2332.00	46640.00	74624.00
	2. 132 KV bay	10	2	1892.00	37840.00	60544.00
	3. 33KV bay	1	2	1666.00	3332.00	5331.20
Total Amount					87812.00	140499.20


Smeary


P. J. Kishor

S.NO.	Particulars	Numbers of Trf.	Frequency of maintenance to be done in this year	Rate as per BSR for each bay (Rs.)	Amount as per BSR (Rs.)	Amount as per CLRC (60% above BSR) (Rs.)
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 control Cubicle, 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 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.					
	1. 220/132 kV, 160 MVA	0	0	1357.00	0.00	0.00
	1. 220/132 kV, 100 MVA	3	2	1357.00	8142.00	13027.20
	2. 132/33 kV, 6MVA	1	2	1220.00	2440.00	3904.00
	3. Aux. supply station Transformer	2	2	774.00	3096.00	4953.60
Total Amount					13678.00	21884.80



S.NO.	Particulars	Numbers of Bus-Sections	Frequency of maintenance to be done in this year	Rate as per BSR for each bay (Rs.)	Amount as per BSR (Rs.)	Amount as per CLRC (60% above BSR) (Rs.)
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 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 itemNo. (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.					
	1. 220 KV Bus Section	0	2	1940.00	0.00	0.00
	2. 132 KV Bus Section	0	2	1446.00	0.00	0.00
	3. 33 KV Bus section	0	2	1351.00	0.00	0.00
Total Amount					0.00	0.00
Grand Total Amount					101490.00	162384.00


Assistant Engineer (400 KV GSS)
RRVPL, MERTA CITY (Nagaur)


Executive Engineer (400 KV GSS)
RRVPL, MERTA CITY (Nagaur)