

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
(AN ISO 9001:2008 CERTIFIED COMPANY)
Regd. Office: - VidyutBhawan, Janpath, Jyoti Nagar, Jaipur-302005
OFFICE OF THE ASSISTANT ENGINEER (132 KV GSS), RIICO REENGUS(Sikar)
FAX No. 01575-224938 (Mo.9413392565)

Email Address: - aen.132.riicoreengus@rvpn.co.in

No. RVPN/AEN/132KV GSS/RIICO RGS/TECH./F.T02 /D. 115 Dated: 19/09/2016

To
All Registered contractors
Under ZCE(T&C), Ajmer

**Sub: Consent for execution of Bay / Equipment maintenance work on CLRC rate for FY 2017-18
One time (up to 31.10.2017) at 132 KV GSS, RVPN, RIICO-Reengus.**

Your consent is desired for executing the Bay /Equipment maintenance work at 132 KV GSS, RVPN, RIICO-Reengus (Sikar) for the FY 2017-18,One time (Up to 31.10.2017) on CLRC basis as per enclosed G-Schedule.

Therefore you are requested to convey your consent within 07 days i.e. up to 5:00 pm of dated 25.09.2016 in writing along with the copy of valid registration, so that the case may be further processed.

Encl: G-Schedule

Assistant Engineer (132 KV GSS)
RVPNL, RIICO Reengus

Copy submitted/forwarded to the following for information and necessary action.

1. The Executive Engineer (220 KV GSS) RVPNL, Reengus.

Assistant Engineer (132 KV GSS)
RVPNL, RIICO Reengus



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Telephone No. 9413392565, E mail : - aen.132.riicoreengus@rvpn.co.in

G-SCHEDULE FOR MAINTENANCE OF BAY EQUIPMENTS, POWER TRANSFORMER'S AND BUS BAR AT
132 KV GSS RIICO-REENGUS

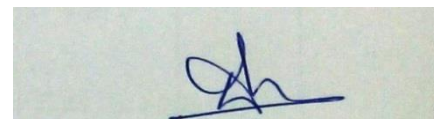
S.N O.	PARTICULARS	UNIT	RATES IN Rs.	NO.OF BAYS	FRQ	AMOUNT	REMAR KS	
1.0	MAINTENANCE OF BAY EQUIPMENTS							
	<p>Maintenance work of following Bay equipment : Such as circuit breakers, currenttransformers, Lightning arresters,isolators, CVTs, PLCC equipments, andcorresponding control and relay panels (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 tightening of all clamps & connectors. (b) Cleaning of all insulators. (c) Assistance to RVPN in attending to oil leakage, if any. (d) Cleaning of all junction boxes & secondary terminal boxes. (e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuit and annunciation circuit. (f) Assistance to RVPN in measurement of CB operation timing. (g) Checking of isolator operation and its alignment. (h) Checking of gas pressure like SF 6 & N2 in circuit breakers /CTs etc. (i) Assistance of RVPN in measurement of IR values of LAs, CTs and CVTs. (j) Lubrication of defined parts of all equipment at all required points. (k) Washing of equipment, in case oil stains are present, then washing is to be done with use of detergent solution. (l) Cleaning of CR Panels from inside. (m) Tightening of clamps & connectors and spacers on over head bus conductors and gantries (at a max height of 25 meter using safety belts.)Also tightening of clamps / connectors of all associated equipments connected to such overhead bus. (n) Providing other related work assistance as may be required by in charge.</p> <p>(I) 132KV Bays(1 No. supervisor + 6Nos. workmen) (II) 33 KV Bays (1 No. supervisor + 5Nos. workmen)</p>							
		Each bay	1892	05	One Times	9460.00		
		Eachbay	1666	07		11662.00		
		TOTAL (A)					21122.00	

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S.NO	PARTICULARS	UNIT	RATE IN Rs.	NO. OF TRF.	FREQ.	AMOUNT	REMARK
2.0	MAINTENANCE OF POWER TRANSFORMERS						
	Maintenance of power transformer for the following types of power transformer s (All spares , lubricating material and only special material & general T&P shall be arranged by the contractor)						
	(a) Cleaning of porcelain bushing.						
	(b) Checking of tightening of clamps & connectors.						
	(c) Cleaning of buchloz & oil surge relays.						
	(d) Cleaning of glass of all oil levels indicators.						
	(e) Cleaning of marshaling box, cooler control cubicle, thermometer etc .as provided.						
	(f) Assistance to RVPN in attending to oil leakage from tr. Body & bushing.						
	(g) Checking of oil level in oil filled bushing.						
	(h) Checking of Drycol air drying system.						
	(i) Assistance to RVPN in measurement of IR values						
	(j) Assistance to RVPN in measurement of earth resistance.						
	(k) Assistance to RVPN in testing of PRD.						
	(l) Assistance to RVPN in checking of tripping circuits of buchholz & wdg. , oil temperature control& protection scheme.						
	(m) Checking of OLTC gear operation						
	(n) Assistance to RVPN in checking of auto circuits of cooling banks						
	(o) Taking of oil samples for testing						
	(p) Assistance to RVPN in carrying out other special measurements as may be required						
	(q) Providing of other related work assistance as may be required by work incharge.						
	(i) 132/33KV,20/25 MVA (5Nos. workmen)	Each Trf.	1220	2	One	2440.00	
	(ii) Auxiliary Supply Station Transformer (3Nos. workmen)	Each Trf.	774	1	Times	774.00	
					TOTAL (B)	3214.00	

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S.NO.	PARTICULARS	UNIT	RATE IN Rs.	NO. OF BUS	FREQ.	AMOUNT	REMARK
3.0	MAINTENANCE OF BUS BAR & ASSOCIATED EQUIPMENTS						
	Maintenance work of bus bars of various voltages levels. (All spares , lubricating material and only special material & general T&P shall be arranged by the contractor) (a) Tightening of clamps & connectors on over head bus conductor & gantries (at a max height of 25 meter using safety belts) Also tightening of clamp/connectors of all bus side associated equipment. (b) Replacement of all worn out clamps & connectors of bus during work under item no. (a) (c) Cleaning of all insulators of suspension & tension string of bus bar and insulator of bus isolators, bus CVTs / PTs. (d) Checking of operation of bus isolators and their alignment including motorized operation (e) Maintenance of operation 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 incharge						
	132KV Bus Bar (1 No. supervisor + 4Nos. workmen)	Each Sec.	1446	2	One Times	2892.00	
	33KV Bus Bar (1 No. supervisor + 4Nos. workmen)	Each Sec.	1351	2		2702.00	
					TOTAL (C)	5594.00	
					TOTAL (A+B+C)	29930.00	
	Add 60% of total Rs. 29930.00					17958.00	
					GROSS AMOUNT	47888.00	47888.00



**ASSISTANT ENGINEER
132 KV GSS RVPNL
RIICO-REENGUS(SIKAR)**