

Rajasthan Rajya Vidyut Prasaran Nigam Limited

(CIN: U40109RJ2000SGC016485)

(An ISO: 9001-2008 Certified Company)

Office of the Executive Engineer (T&C), RRVPNL, Bikaner
66 KV GSS Premises, Sagar Road, Bikaner Phone No 0151-2226272.

NO: RRVPNL / Executive Engineer (T&C) /Bikaner /Tech. /Estt/D. 769 Dated 28/10/16

To,

All enlisted contractors of the circle.

Sub.-: Consent for Construction work of LILO Sridungargarh-Ratangarh transmission line for 132 KV
GSS, Kitarar

Ref.-: CLRC order No. RVPN : SE: TLPC: Steel: A-III/TN-3768/D. 81/3330 dated 28.02.2013
issued by SE (TLPC), RRVPNL, Jaipur (CLRC) and extended vide order No. RVPN :
SE: TLPC: Steel: A-III/TN-3768/D. 2301 dated 23.12.2014 issued by SE (TLPC),
RRVPNL, Jaipur

Dear Sir(s),

In reference to above cited subject and letter under reference, you are requested to give your consent for Construction work of LILO Sridungargarh-Ratangarh transmission line for 132 KVGSS, Kitarar on approved CLRC rates, for which the G-Schedule is enclosed herewith. If your consent is not received in this office within 15 days from the issue of this order, it will be presumed that you are not interested to execute the works in the circle.

Enclosed:- As above



(Er. A.K. Malhotra),
Executive Engineer (T&C),
R.R.V.P.N.Ltd., Bikaner

Phone no.:- 0151-2226272, 9414061376

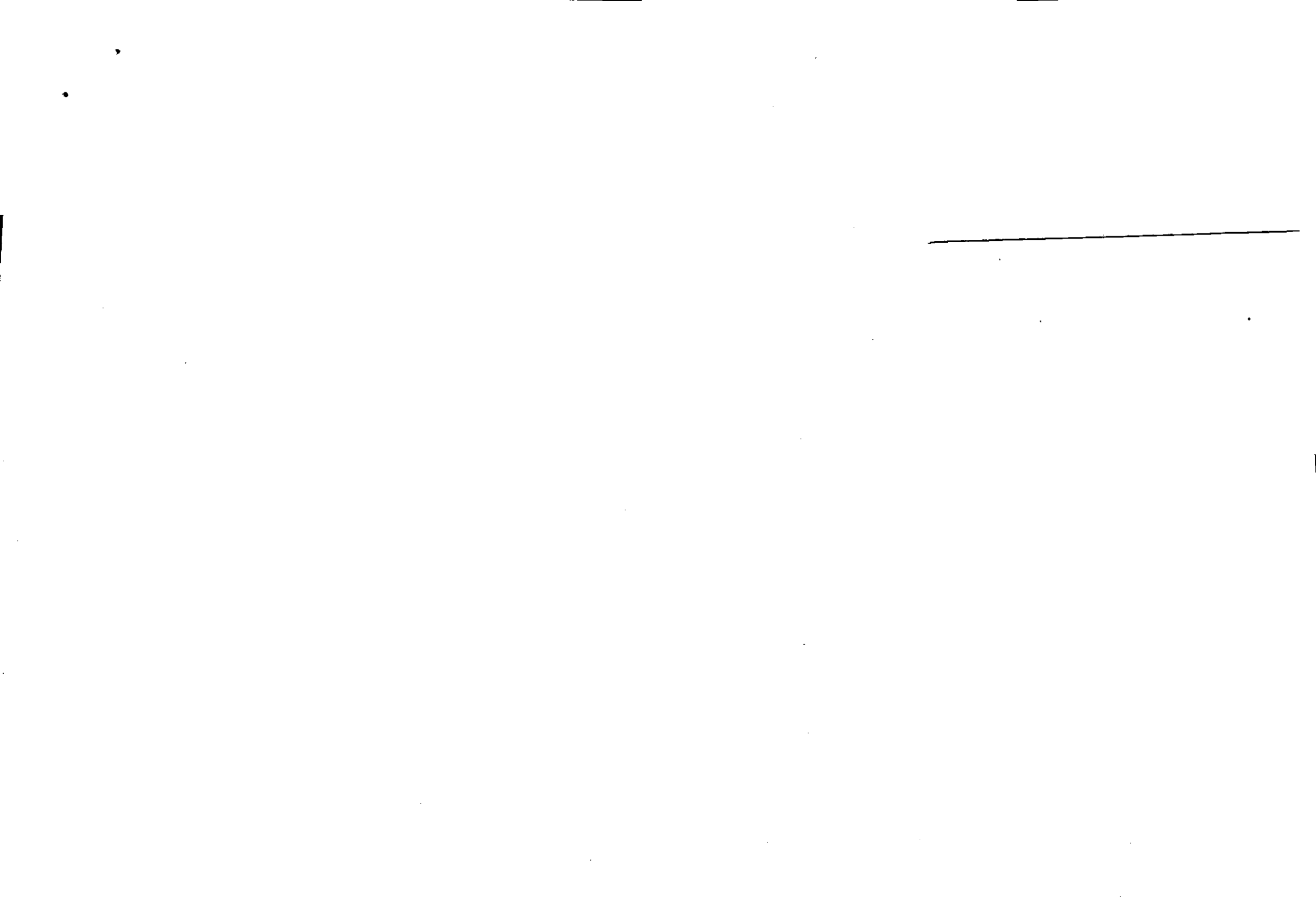
Email:- xen.cm.bikaner@rvpn.co.in

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

1. The Zonal Chief Engineer (T&C), RVPN, Jodhpur.
2. The Superintending Engineer (T&C), RVPN, Bikaner
3. The Feeder Manager o/o SE (T&C), Bikaner with request to upload in the RVPN Website
4. The Assistant Engineer-II(T&C), RVPN, Bikaner

Executive Engineer (T&C),
R.R.V.P.N.Ltd., Bikaner

Email:- xen.cm.bikaner@rvpn.co.in



**G-Schedule for construction of 132 KV S/C Sri Dungeregarh- Ratangarh Tr. Line LILO for 132 KV
GSS Kitasar**

1	2	3	4	5	6
	Discription of Works		Qty	Rate	Amount
1	<u>Detail Survey As per tentative route</u> Which includes the following major activities: Pegging of line route, Providing of survey Pillar at an interval of 3-4 Km in the route with required jungle clearance for survey profile preperation of approved route on graph sheet and marking of offset on either side of the line marking of side clearance for hills sand dunes etc as per specification and tower Scheduling	KM	3	4875.00	14625.00
2	<u>Check Survey as per approved route of line which includes-</u> Re-checking of the line route as per approved profile chainage,tower centre marking pit marking bisection of angle tower as required at site	KM	3	1812.00	5436.00
3	<u>Excavation</u> Excavation excluding backfilling including shoring shuttering dewatering etc upto the required depth as per foundation specification/ drawing				
	(i) Normal soil	CUM	1450.00000	144.00	208800.00
4	<u>Setting of template & Stub /Anchor Bolt</u> Setting of template & Stub/Anchor bolt & removal after concreting excluding cost of excavation and concreting but including backfilling with excavated borrowed earth (with lead & lift) in layers with ramming and watering as per specification				
	(A) 132KV D/C towers up to +6 m. Extn.				
	(i) TTA	NOS	5	1861.00	9305.00
	(iii) TTB	NOS	2	2597.00	5194.00
	(iv) TTD	NOS	3	3014.00	9042.00
	(B) 220 KV D/C towers up to +6 m. Extn.				
	(iv) TTD	NOS	1	4152.00	4152.00
5	<u>CONCRETING</u> Providing and laying cement concrete for all types of foundation as per latest ISS:456 including cement sand, dtone aggregate 20 mm nominal size, water etc., preparing surfaces, shuttering mixing placing ramming,cutting, finishing as per specification and drawings				
	(i) 1:3:6	CUM	20.0000	4746.00	94920.00
	(ii) 1:4:8	CUM	20.0000	4217.00	84340.00
	(iii) 1:2:4	CUM	170.0000	4890.00	831300.00
	6. Steel Reinforcement	MT	2.00000	42795.00	85590.00
6	<u>Earthing:</u> A) Earthing of towers with pipe type Earthing excluding supply of pipes, wires, flats & Connectors but including Coke/Charcoal etc. excavation/auguring and back filling in all types of soil	SET	11	1091.00	12001.00
7	<u>ERECTION OF TOWERS</u> Erection of super structures including D-Schackles, ACD, Hangers,u-bolt, step bolts, danger plate, phase plate number plate etc. Also including tackwelding of bolts &nuts upto bottom cross arm/ beam level including application of Zinc rich paint				
	(A) 132 KV Double circuit Tower				
	(i) Tangent tower (TTA)	NOS	5	7343.00	36715.00
	(ii) Small angle tower (TTB)	NOS	2	10583.00	21166.00
	(iv) TTD	NOS	3	17093.00	51279.00
C/F				TOTAL	1473865.00

					TOTAL	1473865.00
B/F	(B) 220 KV D/C towers					
	(iv) TTD	NOS	1	25270.00	25270.00	
8	Erection of 3 meter extension including tack welding of all bolts & nuts and application of Zinc rich paint					
	(A) 132 KV Double circuit Tower					
	(i) Tangent tower (TTA)	NOS	2	1123.00	2246.00	
9	Erection of 6 meter extension including tack welding of all bolts & nuts and application of Zinc rich paint					
	(A) 132 KV Double circuit Tower					
	(i) Tangent tower (TTD)	NOS	1	4313.00	4313.00	
	(B) 220 KV D/C towers					
	(iv) TTD	NOS	1	6061.00	6061.00	
10	Conductor stringing A) Stringing of ACSR Panther including hosting, of Insulator string, laying, Jointing & tensioning, of conductor, clamping with Armour Rods and Fixing of Vibration Dampers per route Km. of the Line					
	i) 6 Conductor D/C Line.	KM	3.000	32148.00	96444.00	
11	Earth wire stringing Stringing of galvanized steel standard wire including Laying, jointing & tensioning, clipping and fixing vibration dampers and earth bond etc.					
	i) One no. 7/3.15 mm galvanized wire	KM	3.000	3737.00	11211.00	
12	Conductor Restranging A) ReStringing of ACSR Panther including hosting, of Insulator string, laying, Jointing & tensioning, of conductor, clamping with Armour Rods and Fixing of Vibration Dampers per route Km. of the Line					
	i) 3 Conductor S/C Line.	KM	4.256	22079.00	93968.22	
13	Earth wire Restranging Re-Stringing of galvanized steel standard wire including Laying, jointing & tensioning, clipping and fixing vibration dampers and earth bond etc.					
	i) One no. 7/3.15 mm galvanized wire	KM	4.256	3737.00	15904.67	
14	DISMENTLING OF TOWERS Dismantling of super structures including D-Schackles, ACD, Hangers, u-bolt, step bolts, danger plate, phase plate number plate etc. Also the member piece joint with tackwelding of bolts & nuts upto bottom cross arm/ beam level. same is deposite in site store from loc. to site store with proper stacking of material					
	(A) All type of Tower Meterial	MT	2.0	3255.00	6510.00	
TOTAL						1735792.90
ADD 64 % ABOVE AS PER BSR						1110907.45
GRAND TOTAL						2846700.35

(Rs. Twenty Eight Lacs Forty Six Thousand Seven Hundred Only)


Executive Engineer (T&C)
RRVPLN Bikaner


Assistant Engineer-II (T&C)
RRVPLN Bikaner

