

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. 704

/Date: 27.10.2016

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

Subject: Consent for Construction of 132 KV S/C Kapasan-Bhopalsagar line

Reference:

1. CLRC order NO: RVPN/SE/TLPC/STEEL/A-III/TN-3768/D. 81/3330

Date 28.02.13

2. Extension of CLRC order NO: RVPN/SE/TLPC/XEN(STEEL)/A-III/TN-

3768/D. 2301 Date 23.12.14

You are hereby requested to submit your consent latest by closing hours of November 08, 2016 positively for carrying out the following **work Under CLRC rates:**

"Construction of 132 KV S/C Kapasan-Bhopalsagar line for 132kV GSS

BHOPALSAGAR"

Serial	Name of Work	Tentative	Remarks
Number		Amount	
1	Construction of 132 KV S/C Kapasan-	₹ 8711541/-	As per "G SCHEDULE"
ļ	Bhopalsagar line for 132kV GSS		
	BHOPALSAGAR		

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

SUPERINTENDING ENGINEER (T&C)
RVPN CHITTORGARH

Copy to: -

- 1. THE ZONAL CHIEF ENGINEER (T&C_AZ) RVPN, AJMER.
- 2. THE EXECUTIVE ENGINEER (T&C) RVPN, CHITTORGARH.
- 3. THE ASSISTANT ENGINEER (T&C) RVPN, CHITTORGARH.
- 4. THE ACCOUNTS OFFICER (T&C) RVPN CHITTORGARH

SUPERINTENDING ENGINEER (T&C)
RVPN CHITTORGARH

OFFICE OF THE ASSISTANT ENGINEER (T&C) RVPN, CHITTORGARH

G- Schedule for Construction of 132 KV S/C Kapasan- Bhopalsagar line (Line length 14.5 K Approx.) based on BSR 2008 of line

	SAP					
S.No.		Description	Unit	Quantity	Rate	Amount
1	PRJ1077	Detail survay as per tentative route: Which indcludes the following majour activites Pagging of line route providing ofsurvey piller at an interval of 3-4 kms.	km.	14.5	4875	70687.5
2	PRJ1055	Check survey as per approved route of line which includes: Re-checking of the line route as per approved route. Profile chainage tower centre marking pit marking bisectin of angle tower as required at site.	km.	14.5	1812	26274
		Excavation:- Excavation excluding backfilling including shoring shuttering dewatering etc up to the required depth as per foundation Specification Drawing				
3	PRJ1192	()	cum.	200	144	28800
	PRJ1191	The state of the s	cum.	1000	305	305000
}	PRJ1193		cum.	1000	337	337000
	PRJ1190	(iv) Hard rock Setting of templet & stub/anchor or bolts;- Setting of	cum.	100	706	70600
	<u>.</u>	template & Stub/Anchor Bolt & Removal after concreting excluding cost of excavation and concreting but including backfilling with excavated borrowed earth (A)132 KV single circuit Tower up to +6m.extension				
	PRJ1233	(i) Tangent tower (TTA)	Nos.	30	1427	42010
ſ	PRJ1234	(ii)Small angle tower (TTB)				42810
4	PRJ1235	(iii)Medium angle tower (TTC)	Nos.	8	1635	13080
7	PRJ1236	(iv)Large angle cum dead end tower (TTD)	Nos.	4	2388	9552
-		(B)132 KV double circuit Tower up to +6m.extension	Nos.	5	2470	12350
j	PRJ1209	TTA	Man		1061	
	PRJ1210	TTB	Nos.	$\frac{2}{2}$	1861 2597	3722
	PRJ1212	TTD	Nos.	5	3014	5194 15070
		(C) 220 KV double circuit narrow baseTower up to +6m.extension (up to 350 mtr span)	7100.		3014	13070
4	PRJ1216	(i)Large angle cum dead end tower (TTD)	Nos.	4	3319	13276
5		Concriting:-Providing and laying cement concrete for all types of foundation as per latest ISS:456 including cement sand, stone aggregate 20 mm nominal size, water etc.				
	PRJ1056	(A)1:1.5:3 mix	Cum	120	5065	775450
		(B) 1:2:4Mix	cum	300	5965 4890	775450 1467000
]		(C) 1:3:6 Mix	cum	50	4746	237300
6]	PR 11060	Steel Reinforcement ;- Cutting, bending, welding of joints if required, fixing and placing of steel reinforcement as per specification and drawings includding material.	mt		42795	984285

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ASSISTANT ENGINEER

(T&C) R.R.V.P.N.L

CHITTORGARH

S.No	SAP service code	Description	Unit	Quantity	Rate	Amount
		Earthing:-		·		
7	PRJ1083		set	20	1364	27280
	PRJ1085		set	40	1091	43640
		Erection of Super structure including D- shakels, ACD, hangers, U- Bolts, Step bolts, Danger plate, Phase plate, Number Plate Etc. also including tack welding of bolts and nuts upto bottom cross arm/beam level including appliation of Zinc Rich Paint. (A)132 KV single circuit Super structure.	ř .			
	PR I1 158	(i) Tangent tower (TTA)	4			<u> </u>
		(ii)Small angle tower (TTB)	Nos.	30	5291	158730
	PRJ1160		Nos.	8	6222	49776
	PRJ1161		Nos.	4	6639	26556
	PKJ1101	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Nos.	5	9332	46660
	PRJ1099	.+3mtr extension of 132 KV single circuit tower				0
8.		()	Nos.	5	882	4410
٥٠	PRJ1098	(ii)Small angle tower (TTB)	Nos.	2	1235	2470
	PRJ1097	(iii)Medium angle tower (TTC)	Nos.	1	1459	1459
/ -	FKJ1090	<u> </u>	Nos.	1	1779	1779
	DD 11120	.+6 mtr extension of 132 KV single circuit tower (i) Tangent tower (TTA)	<u> </u>			
	PRJ1128	(ii)Small angle tower (TTB)	Nos.	4	1764	7056
	PRJ1128	(iii)Medium angle tower (TTC)	Nos.	1	2825	2825
	PRJ1126		Nos.	1	3014	3014
	TKJ1120	(iv)Large angle cum dead end tower (TTD)	Nos.	11	3511	3511
	PRJ1154	(B)132 KV double circuit Super structure. TTA				
	PRJ1155	TTB	Nos.	2	7342	14684
i	PRJ1157	TTD	Nos.	2	10583	21166
İ	11(31137		Nos.	5	17093	85465
9	PRJ1095	.+3mtr extension of 132 KV Double circuit tower TTA			_	
ŀ	-PRJ1094	TTB	Nos.	1	1123	1123
\mathcal{A}	PRJ1092	TTD	Nos.	1	1571	1571
ŀ	1 KJ 1092		Nos.	1	2261	2261
ŀ	PRJ1122	.+6Meter Extension of 132 kv D/C.				
		(C) 220 KV double circuit narrow baseSuper structure.(up to 350 mtr span)	Nos.	1	4317	4317
104	PRJ1165	(i)Large angle cum dead end tower (TTD)	Nos.	4	27664	110656
	DD 11120	.+ 6 mtr extension of 220 KV double circuit narrow base tower				110000
-4	PRJ1130	(i)Large angle cum dead end tower (TTD)	Nos.	4	6180	24720
11	ľ	Conductor stringing; - Strining of ACSR Panther onductor includding hositing of insulator string, laying, jointing & tensning of conductor, claimbing with armour road and fixing of vibration dam-per per rout Km. of line.				
F	PRJ1063	(A) 3 Conductor for S/C Line.	lem	-12 $+$	22070	061015
_ <u></u>		(B) 6 Conductor for D/C Line.	km.	12	22079	264948
		Earthwire stringing:- Stringing of galvanised steel standerd	km.	2.5	32148	80370
12		wire includding laying, jointing & tensning, clamping, cliping and fixing vibration damper and eart bond etc.				
	PRJ1086 (A) One No.7/3.15mm galvanised wire.	km.	14.5	2727	541065
	·····	/)	KIII.	14.5	3737	54186.5

Acres 122

S.No	SAP service code	Description	Unit	Quantity	Rate	Amount
13		Restringing of ACSR panther conductor: Dismantiling of vibration and armour rods.fitting in rollers, detensioning, holding and lowering of conductor, de-hoisting of insulator string as required, adding/removing and jointing of conductor, hoisting of insulator string, lifting of conductors				
		into rollers & re-tensioning, jointing, fitting of armour rods and vibration dampers and clamping per route KM of the linesection to be restrung dismantled material not re-used to be deposited in our stores & stacked				
	PRJ1198	(i) 3 conductor for S/C Line	km.	0.7	22079	15455.3
		Revetment	10000		22019	13433.3
14	PRJ1195	nominal size (crusher broken) in fondation plinth, using 1 Cement: 5 Sansd: 10aggregate mix	Cum	7.0	1575	11025
	PRJ1197	(B) Random rubble stone masonary for revetment in 1:5 cement sand morter including providing and fixing 100 mm dia pcc drain pipe& raised and cut pointing on storn masonary in 1:3 cement sand mortor Excluding Excivation but including back filling inside the rivetment using excivated /borrowed earth in layers not excluding 20 cm in depth and consoliding each deposited layer by ranning and watering	Cum	200.0	1508.00	301600
4	PRJ1196	(C) Radom rubbledry stone pitching including preparing surface etc. complete with raised & cut pointin in cement sand mortar 1:3, curing etc.	Cum	10.0	543.00	5430
_	PRJ1054	(D) cement concrete copping grade 1:2:4 mix (1 cement: 2 coarse sand: 4 grade stone agregade) rounding of edges etc. but excluding th cost of nosing of steps etc. complited for 75 mm thick with normal size agreedate.	Sqm	50.0	242.00	12100
}		Total				5807694.30
ŀ		Tender premium @ 50 % above BSR 2008 as per CLRC 2013 Total amount				2903847.15
		- West Will				8711541.00

Amount in words:- Eighty Seven Lacs Eleven Thousand Five Hundred and Forty One only.

Need

Acres 122

ASSISTANT ENGINEER

(T&C) R.R.V.P.N.L.

CHITORGARH

Executive Engineer (T&C) RRVPNL, Chittorgarh

> Superintending Engineer (T&C) **RVPN** Chittorgarh