



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

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NO: RVPN/SE/T&C/COR/TECH/F. 46 /D. 285

/Date: July 11, 2016

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

Subject: Construction of 36 kV Capacitor Bank -III at 132kV GSS KAPASAN.  
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 July 20, 2016 positively for carrying out the following **work Under CLRC rates:**

“Earthing, Structure Erection, Bus bar Jumpering, Equipment Erection and other work for Construction of 36 kV Capacitor Bank -III at 132kV GSS KAPASAN” under the Jurisdiction of XEN (T&C) CHITTORGARH.

Serial Number	Name of Work	Tentative Amount	Remarks
1	Earthing, Structure Erection, Bus bar Jumpering, Equipment Erection work and other work for Construction of 36 kV Capacitor Bank -III at 132kV GSS KAPASAN	₹ 62395/-	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 (2016-17) detail.
2. Copy of registration certificate as registered contractor.
3. Copy of Tax Clearance Certificate.

*Shailesh*

(S B THAKORE)

SUPERINTENDING ENGINEER (T&C)  
RVPN CHITTORGARH

Copy to: -

1. THE EXECUTIVE ENGINEER (T&C)/(220KV GSS) RVPN CHITTORGARH
2. THE FEEDER MANAGER (T&C) RVPN AJMER.

*Shailesh*

SUPERINTENDING ENGINEER (T&C)  
RVPN CHITTORGARH

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

Name of Scheme:- Erection of 33KV Capacitor Bank-III at 132KV GSS Kapasan.

Work Incharge :- AEN(T&C),RRVNL,Chittorgarh.

G-SCHEDULE

Sr.No.	DISCRPTION	UNIT	RATE (Rs.)	QTY.	AMOUNT IN Rs.
1	<b>I. EARTH-MESH WORK</b>				
A1	A-1 Laying of earth mesh with 25mm/28mm.Dia M.S.Rod at a depth of 0.80meter from top level of foundation including excavation of trench of required depth and back filling of the same transportation of M.S.Rod from site store to location Welding of M.S.Rod along thr length at crossinh and withearth electrodes as per drawing application of bitumen compound and covering with bitumen impregnated tape on all welding joints for thr type of soil prevalent at 0.80meter below top level of foundation (M.S. Rod of above size & M.S. flat as required shall be made available by RVPN)				
	(a) In case electricity is made available by RVPN without charges				
	(i) Normal Dry soil	Mtrs	18	50	900
	(ii) Murram/Black cottan/hard soil/Dense soil	Mtrs	19	50	950
	(iii) Soft rock/disintegrted rock	Mtrs	26	20	520
	(iv) Hard rock ( Blasting Prohibited )	Mtrs	45	10	450
B1	B-1Laying of earthing risers with 50X6mm/50X10mm/50X12mm size M.S.Flat at a depth of .80meter from top level of foundations, including excavation of trench of required depth and back filling of the same transportation of M.S.Flat from site store to location Welding /bolting to equipment/ structure and peaks of structures,laying in the trench,welding to the earth mesh of M.S.Rod as per drawing,including of extra length of M.S.Flat if required . Application of bitumen compound and covering with bitumen impregnated tape on all welding joints,painting of all surfaces of risers above ground level with red oxide and green paint for all type of soil prevalent at 0.80meter below top level of foundation (M.S. Rod of above size & M.S. flat as required shall be made available by RVPN)				
	(a) In case electricity is made available by RVPN without charges				
	(i) Normal Dry soil	Mtrs	20	50	1000
	(ii) Murram/Black cottan/hard soil/Dense soil	Mtrs	21	20	420
	(iii) Soft rock/disintegrted rock	Mtrs	29	5	145
	(iv) Hard rock ( Blasting Prohibited )	Mtrs	49	5	245
C1	C-1Placing /driving of earth electrode of 25/28mm dia M.S. Rod of length 3.30meter (approx.) to a depth -3.80meters from the top level of foundatin, including excavation of pit as per required and back filling of the same, transportation of M.S.Rod from site store to location, cutting of M.S. Rod todesired length preparation of one end as spike if necessary, welding of earth electrode to earth mesh of M.S. Rod as per drawing , application of bitumen compound and covering with bitumen impreganated tape on all welding joints for the type of soil prevalent at 4.80meter below top level of foundation (M.S.Rod of above size & M.S. flat as required shall be made available by RVPN)				
	(a) In case electricity is made available by RVPN without charges				
	(i) Normal Dry soil	Nos	150	1	150
	(ii) Murram/Black cottan/hard soil/Dense soil	Nos	250	1	250
	(iii) Soft rock/disintegrted rock	Nos	400	1	400
	(iv) Hard rock ( Blasting Prohibited )	Nos	794	1	794

*Singh*  
JEN

*Assistant Engineer*  
ASSISTANT ENGINEER  
(T&C) R.R.V.P.N.L.  
CHITTORGARH

Sr.No.	DISCRIPTION	UNIT	RATE (Rs.)	QTY.	AMOUNT IN Rs.
2	<b>2.ERECTION OF SUB-STATION STEEL STRUCTURES</b> columns,beams lighting mast and equipment structure ( excluding Circuit Breakers and Capacitor Banks) of all types including transportation of structure members, nuts & bolts,washers,etc. from site store to locations as required .Their assembly placing on foundation ,foxing of template with foundation bolts as required,lavelling and preparing for grouting as required but excluding grouting,erection after grouting and tightening & punching of nuts &bolts ( Maximum Height of structures up to 20 meters)	MT	1744	2.5	4360
3	<b>3.BUS-BAR WORK</b>				
	A.Stringing of 220KV, 132KV, 33KV & 11KV Bus Bar of ACSR conductor,including transpotation of conductor ,disc insulator ,cleanoing and assembly of disc insulators as required along with fitting of bolted type or compression type tension hardware as made available (compression machine shall be provided by RVPN on rent free basis),making up at one end stringing of conductors between the beams with specified sag and tension ,also equalizing sag and fitting spacers and spacer T-clamps for twin conductor for three phases of conductors in each buis section.				
	(i) Single ACSR Panther	Section	875	1	875
3B	B. <b>JUMPERS OF ACSR CONDCUROR</b> ( 3Nos., Y-type) between bus to equipment or between equipment to equipment bus to bus, including transportation of conductor, disc insulatores and hardware from site stores to location, cleaning and assembly of disc insulators as required, cutting required length of conductors, making connections, fixing of spacer, T- clamps as required tightening of clamps/ connectors, dressing etc. for three phase				
	(ii) Single ACSR Zebra/ Panther conductor	Set	250	15	3750
4	<b>4.SRTINGING OF EARTH WIRE</b> (Size 7/3.15mm or 7/4.00mm) including transporation of earth wire, tension hardware etc. from site to locations.laying and cutting required length of earth wire fitting of bolted type or compression type hardware as made available ( compression machine shall be provided by RVPN on rent free basis) making up to at one end stringing of earth wire between structure peaks with specified sag and tension jumpering and connecting earth bonds for single earth wire.	Each	219	3	657
5	<b>5.ERECTION OF SUB-STATION EQUIPMENTS</b>				
5D	D.Erection of insulators on already erected steel structure including transportation of frame Pis. Contacts, Machanism- box clamps & connectors, etc. from site store to locations. Minor fabrication as required, and fixing of terminal connectors, etc. adjustment/alignment of isolator and its earth blade if provided for their smooth operation and adjustment if required after jumpering.				
	(ii) 33/11 KV				
	a) With Out Earth Blade	Nos.	688	1	688
	a) With Single Earth Blade	Nos.	1025	2	2050
5F	F. Erection of 2X33KV or 2X11KV Capacitor Bank with Series Reactor & Residual Voltage Transformer/Neutral Current Transformers,including transportation of equipments,structures members nuts & bolts,washers,clamps & connectors etc. from site store to location assembly of structure their placing on foundation,levelling and preparing for grouting as required but excluding grouting assembly of capacitor bank cells on frames as required & their connections as per manufacturer's drawings, fixing of terminal connectors.	Each	13875	1	13875

*Singh*  
Jen

*Arora*  
ASSISTANT ENGINEER  
(T&C) R.R.V.P.N.L.  
CHITTORGARH

Sr.No.	DISCRIPTION	UNIT	RATE (Rs.)	QTY.	AMOUNT IN Rs.
50	G. Erection of 33KV or 11KV Circuit Breakers including transportation of equipment,structure members,nuts & bolts , clamps & connectors etc. from site store to location .assembly of support structure their placing on foundation,levelling and preparing for grouting as required but excluding grouting ,assembly/placing of poles,mechanism box etc. on support structure as per manufacturer's drawing,fitting of terminal connectors etc. but excluding commissioning of CB.				
	(i) 33KV or 11KV outdoor Type ( VCB / SF6 )	Nos.	5563	1	5563
51	I. Erection of Post insulators on already erected structures including transporation of Pls nut & bolts, clamps & connectors, etc from site store to locations. fabrication of base frame & assemble if required, fixing of clamps. Etc.				
	(iii) 33KV or 11KV	Nos.	56	6	336
6	6.Erection of Control & Relay Panels complete in all respects including transportation form site store to control room ,placing on foundation /cable trench as per layout ,,interconnection between control & relay panels ,fixing of side /top covers and doors . earthing to existing earth strip in control room connection of bus wiring to existing panel and between control and relay panel as required.				
	(iii) Simple Panel ,DC Panel ,RTCC Panel ,PLCC Panel etc.	Nos.	475	1	475
7	7.Erection of Marshalling Kiosk/Line Matching Unit ( LMU) / Line Matching & Distribution unit ( LMDU) complete in all respects including transporation to site to location, Placing on foundation/cable trench as per lay out, preparing for grouting etc.				
	(ii) 33Kv & 11 Kv Marshalling Kiosk	Nos.	144	1	144
	<b>TOTAL AMOUNT IN Rs.</b>				<b>38997.00</b>
	<b>Tender Premium @60% above BSR 2011</b>				<b>23398.20</b>
	<b>TOTAL AMOUNT IN Rs.</b>				<b>62395.20</b>

*In Rs. Sixty Two Thousand Three Hundred Ninty Five Only.*

*Singh*  
JEN

*M. Singh*  
Xin(t&c)  
R.V.N Chittor

*Parash*  
ASSISTANT ENGINEER  
(T&C) R.R.V.P.N.L.  
CHITTORGARH