



RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LIMITED

Corporate Identity Number(CIN):U40109RJ2000SGC016485

Reg office: Vidyut Bhawan, Janpath, Jyoti Nagar ,Jaipur-302005

OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) RAMGARH, JAISALMER

Phone no. 9413374143

NIT NO. – 01 /2017-18

D-52
12/05/17

Sealed tenders are invited from competent and experienced contractors/firms under this division for erection of 220/132KV, 160 MVA Transformer at 220KV GSS RVPN , Ramgarh(Jaisalmer).

Copy of tender specification with G-Schedule can be obtained from the office of the undersigned by remitting the cost of specification(not refundable) as above in cash or crossed demand draft in favor of the Accounts officers (T&C) RVPN, Ramgarh(Jaisalmer).The Tenders will be received up to 03:00PM on the date of specified in tenders and will be opened on the same day at 04:00PM in the presence of the tenderers who choose to be present purchase of specification is essential for tenderers for submission of tenders.

Details of Tenders Cost, earnest money and date of opening can be also be seen on website www.rvpn.co.in or also taken from this office.

**EXECUTIVE ENGINEERS (220 KV GSS)
RVPN, RAMGARH ,JAISALMER**

**Executive Engineer
220 kv GSS, RVPN
Ramgarh (Jaisalmer)**



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NO.RVPN/XEN/(220 KV GSS) /RMGH/S.PUR/F. /TN.O1(2017-18)/D 52 DATE:- 12/05/17

TENDER SEPECIFICATION (01/2017-18)

NAME OF WORK	-	Erection Of 220/132KV,160MVA Transformer at 220kv GSS Ramgarh.
Description of work	-	As per G-schedule
Cost of work	-	Rs. 133480.00
NIT No. and date	-	01/2017-18 and Date :- 12.05.2017
Date of Opening	-	22.05.2017
Tender cost	-	Rs. 750/-
Estimated cost	-	Rs. 133480.00
Prices	-	Prices are inclusive all type levied taxes & insurance charge etc. Exclusive of service Tax.
Earnest money	-	Rs.2670/-
Completion period	-	30 Days.
Validity of tender	-	120 days from the date of Tender.

THIS TENDER SPECIFICATION CONSISTS OF FOLLOWING SECTIONS

SECTION-I	-	INSTRUCTIONS TO TENDERS
SECTION-II	-	GHENERAL CONDTION OF CONTRACT
SECTION-III	-	G-SCHEDULE(Rates should be filled-up by the renderers.)

EXECUTIVE ENGINEERS (220 KV GSS)

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Ramgarh (Jaisalmer)

Tender cost Rs..... deposited vide C. R .no.....dated.....

Issued To :-


OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) RAMGARH
RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

PART.A G- SCHEDULE of labour contract work for Erection work of 160 MVA 220/132 KV TRANSFORMER at
220 KV GSS RAMGARH

- 1.) The rates for the erection works given in this BSR are inclusive of all types of labour charges but exclusive of of service tax, sales tax and insurance charges, etc.
2.) The Base Date for the rates given in this schedule is 01.04.2017.

CODE NO.	DESCRIPTION	UNIT	RATE (Rupees)	Quantity	Amount (Rupees)
1.	2.	3.	4.	5.	6.
1.	EARTH MESH WORK				
A-1	Laying of earth mesh with 25m.m./28m.m. dia M.S. Rod at a depth of 0.80 metre from top level of foundations, including excavation of trench of required depth and backfilling of the same, transportation of M.S. Rods from site store to locations, welding of M.S. Rod to M.S. Rod along the length, at crossings and with earth electrodes as per drawing, application of bitumen compound and covering with bitumen impregnated tape on all welded joints, for the type of soil prevalent at 0.80 metre below top level of foundations (M.S. Rod of above sizes & M.S. Flat as required shall be made available by RVPN).				
	(A) In case electricity is made available by RVPN with out charges				
	i) Normal dry soil	Metres	24.00	10	240.00
	ii) Hard soil / Murram / Black cotton soil	Metres	26.00	20	520.00
	iii) Soft rock	Metres	35.00	10	350.00
	iv) Hard rock (with blasting)	Metres	54.00	0	0.00
	v) Hard rock (blasting prohibited)	Metres	60.00	0	0.00
B-1	Laying of earthing risers of 50x6m.m. / 50x10m.m. / 50x12m.m. size M.S. Flat at a depth of .80 metre from top level of foundations, including excavation of trench of required depth and backfilling of the same, transportation of M.S. Flat from site store to locations, preparation of risers, bending as per requirement (after heating if necessary), fixing on and 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 welding of extra length of M.S. Flat if required, application of bitumen compound and covering with bitumen impregnated tape on all welded joints, painting of all surfaces of risers above ground level with red oxide and green paint, for the type of soil prevalent at 0.80 metre below top level of foundations (M.S. Rod of above sizes & M.S. Flat as required shall be made available by RVPN).				
	(A) In case electricity is made available by RVPN with out charges				
	i) Normal soil	Metres	27.00	10	270.00
	ii) Hard soil / Murram / Black cotton soil	Metres	28.00	20	560.00
	iii) Soft rock	Metres	38.00	10	380.00
	iv) Hard rock (with blasting)	Metres	59.00	0	0.00
	v) Hard rock (blasting prohibited)	Metres	65.00	0	0.00
J	Erection of 220KV Class EHV Transformer (tank already palced on foundation with wheels).Including transportation of accessories from site store to locations,erection of HV,IV,LV & Neutral bushings,main & OLTC conservators,radiators,equalizing pipe line,marshalling kiosk,etc as per manufacturer's drawing,preparation of oil,oil filling,dehydration of transformer (filtration machine,oil tank & operating staff shall be provided by RVPN),electrical wiring from individual equipment,e.g.,Buchholz relay,MOLG,OSR,etc.to marshalling kiosk,etc,but excluding testing & commissioning of tarnsformer.				
a	If electricity is available & arranged by RVPN without charges.	Nos.	128596.00	1	128596.00

C/F 130916.00
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Executive Engineer
220 KV GSS, RVPN
Ramgarh (Jaisalmer)

CODE NO.	DESCRIPTION	UNIT	RATE (Rupees)	Quantity	Amount (Rupees)	
1.	2.	3.	4.	5.	6.	
2					B/F	130916.00
3	Erection of Control & Relay Panels complete in all respect including transportation from site store to control room, placing on foundation / cable trench as per lay out, interconnection between Control & Relay panels and with existing panels, fixing of side / top covers and doors, earthing to existing earth trip in control room, connection of bus wiring to existing panel and between control and relay panel, as required.					
	iii) Simplex Panel, DC Panel, RTCC Panel, PLCC Panel, etc.	Nos.	632.00	1	632.00	
4	LAYING AND TERMINATION OF CABLES					
	iii) Termination of wires of cables with copper conductor using copper terminal ends (pin or ring type as required of Dowell's or equivalent make as approved by the Engineer-in-Charge) duly crimped with crimping tool, including making wire ends ready for crimping, ferruling & dressing of wires, etc., as required, including cost of terminal ends for all wires, for each cable at both ends for cables of the following sizes.					
	a) 2c x 2.5 sq.mm.	Each	21.00	2	42.00	
	b) 3c x 2.5 sq. mm.	Each	32.00	4	128.00	
	c) 4c x 2.5 sq. mm.	Each	43.00	6	258.00	
	d) 6c x 2.5 sq. mm.	Each	64.00	0	0.00	
	e) 10c x 2.5 sq. mm.	Each	106.00	0	0.00	
	f) 12c x 2.5 sq. mm.	Each	128.00	4	512.00	
	g) 16c x 2.5 sq. mm.	Each	169.00	0	0.00	
	h) 18c x 2.5 sq. mm.	Each	191.00	4	764.00	
	iii) Termination of wires of cables with copper conductor using copper terminal ends (pin or ring type as required of Dowell's or equivalent make as approved by the Engineer-in-Charge) duly crimped with crimping tool, including making wire ends ready for crimping, ferruling & dressing of wires, etc., as required, including cost of terminal ends for all wires, for each cable at both ends for cables of the following sizes.					
	i) 4c x 4 sq. mm.	Each	57.00	4	228.00	
Total					133480.00	

TOTAL

(Rs. one lac. thirty three thousand four hundred eighty only)

133480.00

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