



RVPN
An ISO 9001:2008
Certified Company

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
(Reg. Office: Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur-302 005)
OFFICE OF SUPERINTENDING ENGINEER (T&C)

Merta City, Nagaur- 341510, Telephone No.01590-220141

Fax No.220141, E-mail: se.tnc.merta@rvpn.co.in

No. RRVPNL/SE/T&C/MTC/Tech./F./D2629 Dated: 01.03.2017

TENDER ENQUIRY-TN- 08/2016-17

Sealed tenders are invited from reputed and eligible contractors for construction of 1 NO. 33 KV bay at 132 KV GSS Nawa City (Nagaur)

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| 1. Specification No. | RVPN/SE/T&C/TN- 08/2016-17 |
| 2. Name of Work | For construction of 1 NO. 33 KV bay at 132 KV GSS Nawa City (Nagaur) |
| 3. Estimated Cost | Rs 82,000.00 |
| 4. Tender Cost | Rs 100/- (Non-Refundable) |
| 5. Earnest Money | Rs 1650/- |
| 6. Validity Period of Offer | 120 Days |
| 7. Last Date for sale of Specification | 16.03.2017 up to 1:00 PM |
| 8. Last Date for submission of tender | 16.03.2017 up to 2:30 PM |
| 9. Due Date of Opening of Tender | 16.03.2017 at 3:00 PM |
| 10. Tender Cost Receipt No. |Date..... |
| 11. Earnest Money Receipt No. |Date..... |

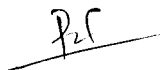
Encl.:-G-Schedule, Relevant price schedule with terms & condition.

Note: - For more detail kindly visit Tenders under Ajmer Zone on RVPN site i.e. <http://energy.rajasthan.gov.in>.

Superintending Engineer (T&C)
RVPN, Merta City (Nagaur)

TERMS AND CONDITIONS

1. **Qualifying Requirement:** Only those firms who have completed construction of any 220/132 KV GSS on labour contractor of minimum of Rs 5.0 Lacs and have completed within the contract time of the work order in last two year will be qualified for tender. A completion certificate issued by authority not below the rank of Superintending Engineer is to be enclosed as proof of qualification.
2. The tender should be addressed to the Superintending Engineer (T&C), RVPN, Merta City having office at 400 KV GSS , Ren Road, Merta City(Nagaur).
3. Besides above, only such contractors should apply, who are already registered with provident fund Commissioner. The copy of certificate in this respect should be attested by Notary Public and signed by the bidder or by authorized representative of the firm.
4. **RAJASTHAN VALUE ADDED TAX, LEVIES & DUTIES:**
 - a) In accordance with the scope of works, this is a labour contract of erection from the "FREE ISSUE" material, hence no VAT will be leviable. However tax on such labour contracts if levied, shall be to the Contractor's account.
 - b) Service Tax: The tenderer shall quote the prices inclusive of applicable service tax. Any liability towards service tax, if arises/applicable, inclusive of cost of material to be supplied by RVPN free of cost, shall be to the firms account. The tenderer shall give service tax registration number. Any statutory variation in service tax will be to contractor's accounts.
 - c) Work Contract Tax: The work contract tax will be deducted at the applicable laws on the value of erection, testing & commissioning activities. Any liability arising on A/c of work 10 contract tax will be to the contractor's account. Any statutory variation in the work contract tax will be to the contractor's accounts.
 - d) Income Tax: If any income tax, surcharge on income tax or any other corporate tax is attracted under the law then the same shall be paid by him as per Government rules / deducted from his bills / invoices at the prevailing rate and if such tax is not applicable, then the contractor can claim reimbursement of the same from the relevant competent authority. However necessary TDS certificate(s) shall be issued by Nigam's paying Authority.
5. The tender along with relevant documents as per eligibility criteria shall be submitted in closed/sealed envelope duly super scribe as "**Tender for construction of 1 NO. 33 KV bay at 132 KV GSS Nawa City (Nagaur)**".
6. The under signed does not bind himself to accept the lowest or any other tender and Reserve the right to reject any or all tender's without assigning any reason thereof
7. The quoted rates shall be valid for 120 days from the date of opening tenders.
8. The work shall be completed as per "G" schedule within 45 days from the date of placing of work order/LOI or date of issue of layout.
9. 90% payment shall be arranged/released as per Nigam's payment policy on completion of work as per specification through RTGS by the. Accounts Officer (T&C), RVPN, Merta City after receipt of verified bills/Invoice by the consignee.
10. All addition and/or alterations in the tender must be clearly initialed.
11. The Rate's should be quoted the FIRM prices inclusive of all taxes and duties, insurance, and other related cost both in words and figures.
12. All the documents issued; shall be submitted by the Tenderer duly filled up in all respect with seal and signature on each page.
13. Tender received late due to any reason or which are incomplete shall not be accepted for consideration,
14. Quantity of items may vary at the time of placement order.
15. Balance 10 % payment will be released after 3 month from the date of satisfactory completion of work.
16. The Tenderer will have to deposit Tender cost by cash and EMD by cash/DD in favour of Account Officer (T&C) RVPN, Merta City.



PRICE SCHEDULE

Name of work: Construction of 1 NO. 33 KV bay at 132 KV GSS Nawa City (Nagaur)

Name of firm/Tenderer: -

Description of Work	Rate as per G-Schedule	% Above/Below Rate as per G-Schedule	Amount in Rs. Above/Below Rate as per G-Schedule	Total Price (2+4)
1	2	3	4	5
Construction of 1 NO. 33 KV bay at 132 KV GSS Nawa City (Nagaur)	51403.00			

Total Rs (In Words).....

1. I/ We have read all terms and conditions of the relevant Tender Enquiry against TN No. 08/2016-17. These are acceptable to us.
2. Our Offer is valid for 120 days from the date of opening of tenders.
3. The work shall be completed within stipulated period and as per instructions/letter of the Work In-Charge.
4. The quoted rate is firm in all respect till completion of work including of insurance charges, all taxes & duties
5. Safe execution of work shall be our responsibility.
6. We shall be responsible for any "Fatal" or "Non-Fatal" accident taking place due to our negligence.

Date ___ / ___ / ___

Signature _____

Place _____

Name of Signatory _____

Phone/ Mobile / Fax _____

Name of Firm _____

Address _____

G-SCHEDULE

1.Name of Work: Construction of 01 Nos. 33 KV Feeder Bay at 132 KV GSS Nawacity (Deposit work)

2.BSR :- RVPN/SE(SSPC)/XEN(TK)/BSR/A1/D.21 dated 04.04.2011

S. NO.	BSR Ref.	PARTICULARS	UNIT	UNIT RATE	QTY.	AMOUNT
1	1	EARTH MESH WORK				
	1(A-1)	Laying of earth mesh with 25mm/28mm dia ,M.S. Rod at depth Of 0.80 metre from top of foundation including excavation of Trench of required depth and backfilling of the same transporta- tion of M.S.Rods from site store to locations, welding of 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 required shall be made available by RVPN)				
		a) In case electricity is made available by RVPN without charges				
		i) Normal dry soil	Mtr.	18.00	100	1800.00
		ii) Hard soil/Murram/Black cotton soil	Mtr.	19.00	100	1900.00
2	1(B-1)	Laying of earthing risers of 50x6mm/50x10mm/50x12mm size M.S.Flat 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.Flat from site store to location preparation of risers, bending as per requirement (after heating if necessary), fixing on and welding/bolting to equipment/ structure abd oeajs if 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 surface 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 without charges				
		i) Normal dry soil	Mtr.	20.00	100	2000.00
		ii) Hard soil/Murram/Black cotton soil	Mtr.	21.00	100	2100.00
3	1(C-1)	Placing/Driving of earth electrode of 25/28mm dia M.S.Rod of Length 3.30 meters (approx) to a depth of 3.80 meters from the top Level of foundation including excavation of pit as required and back filling of the same, transportation of M.S.Rod from site store to locations, cutting of M.S.Rod to desired 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 impregnated tape on all welded joints for the type of soil prevalent at 3.80 meters below top level foundations (M.S.Rod of above sizes & M.S.Flat as required shall be made availa-ble by RVPN)				
		a) In case electricity is made available by RVPN without charges				
		ii) Hard soil/Murram/Black cotton soil	Nos.	250.00	6	1500.00
4	2	ERECTION OF SUB-STATION STEEL STRUCTURES columns, Beams ,lighting mast and equipment structures (excluding Circuit Breakers and nuts & bolts, washers etc from site store to locations Their assembly, placing on foundation, fixing of template, with Foundation, fixing of template,. with foundation bolts as required Leveling 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	1744.00	10	17440.00
5	3	BUS-BAR WORK:				
	3(A)	STRINGING of 220KV,132KV, 33KV & 11KV Bus Bar of ACSR conductor , including transportation of conductor,disc Insulator and tension hardware from site stores to location laying And cutting required length of conductor, cleaning and assemblyof disc insulators as required along with fitting of bolted type or compression tape 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 spacer T-Clamps for twin conductor for three plates of conductors in each bus-section				
		i) Single ACSR Panther	Sec.	875.00	1	875.00

		ii) Single ACSR Zebra	Sec.	1019.00	1	1019.00
6	3(B)	JUMPERS OF ACSR conductor (3 nos Y- type)between bus To equipment or between equipment to equipment or between bus, including transportation of conductor, disc insulators and hardware from site stores to locations, cleaning and assembly of disc insulators as required along with fitting of suspension hardware and erection as required, cutting required length of conductor making connections, fixing of spacers & spacer T-Clamps as required, tightening of clamps/connectors, dressing etc, for three phases.				
		i) Single ACSR Zebra/Panther Conductor	Set	250.00	15	3750.00
7	4	STRINGING of Earth wire(size 7/3.15 mm or 7/4.00mm) Including transportation of earthwire, tension hardwares Etc.from site store to locations laying and cutting required Length of earthwire,fitting of bolted type or compression Type hardware as made available (compression machine Shall be provided by RVPN on rent free basis) making up at One end stringing of earthwire between structure peaks with Specified sag and tension, jumpering and connecting earth Bonds, for single earthwire.	Each	219.00	2	438.00
8	5	ERECTION OF SUB-STATION EQUIPMENTS:				
	5(B)	Erection of Current Transformer/Potential Transformer/ Capacitive voltage Transformer /Series Reactor /Residual Voltage Transformer /Neutral Current Transformer with Clamps & connectors, on already erected steel structure including transport-Tation of base frame,fixing of terminal connectors,tightening of nuts & bolts etc. complete in all respect.				
		iii) 33KV or 11KV CT/PT	Nos.	400.00	3	1200.00
9	5(C)	Erection of Lightening Arrestor on already erected steel structure Including transportation of Lightening Arrestor,clamps & connectors Surge counter etc. from site store to locations fabrication of base frame Fixing of terminal connectors, surge counter, tightening of nuts and Bolts etc. complete in all respect.				
		iii) 33KV or 11 KV	Nos.	238.00	3	714.00
10	5(D)	Erection of Isolators on already erected steel structure Including transportation of base frame,P contacts mechanism 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 final adjustment if required after Jumpering.				
		iii) 33KV				
		(a) without Earth Blade	Nos.	688.00	2	1376.00
		(b) with Single Eart blade	Nos.	1025.00	1	1025.00
11	5(H)	Erection of 33KV or 11 KV Circuit Breakers including transport- Tation of equipment, structure members nuts & bolts clamps &Connectors etc. from site store to location, assembly of support Structure their placing on foundation, leveling and preparing for Grouting as required, but excluding grouting assembly/placing of Poles, mechanism box etc on support structure as per manufacturer's Drawings fitting of terminal connectors, etc but excluding Commissioning of CB.				
		i) 33KV or 11KVV Outdoor Type (VCB/SF 6)	Nos.	5563.00	1	5563.00
12	6	Erection of Control & Relay Panels complete in all respect, Including transportation from site store to control room, placingOn foundation/cable trench as per layout, interconnection between Control & Relay panels and with existing panels fixing of site/top Covers and doors earthing to existing earth strip in control room, And relay panel as required.				
		iii) Simplex Panel, DC Panel,RTCC Panel,PLCC Panel,etc.	Nos.	475.00	1	475.00
13	7	Erection of Marshalling Kiosk/Line Matching Unit(LMU)/Line Matching & Distribution Unit (LMDU) complete in all respect Including transportation from site store to location, placing on Foundation/ cable trench as per layout, preparing for grouting Of foundation bolts but excluding grouting etc.				
		ii) 33KV or 11KV Marshalling Kiosk	Nos.	144.00	1	144.00
14	10	LAYING AND TERMINATION OF CABLES:				
	A	Control Cable;				

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10(A)	i) Laying of P.V.C insulated unarmoured/ armoured control cable of 1.1 KV grade with copper conductor in cable trenches as per specification as required, including transportation of cable drums from site store to locations, laying in cable trenches, cutting to required length, placing them on cable racks/cable trays/ cable batten & dressing, including removing and re-fixing trench covers as required making necessary connections, testing, cable marking on both the terminating ends, etc. as required for all sizes from 2c x 2.5 sq.mm to 20c x 2.5 sq.mm and 4c x 6 sq.mm.				
	a) Unarmoured control cable.	Mtr.	4.00	1500	6000.00
10(A)	ii) Fixing of control cable in position with single compression nickel plated brass cable glands confirming to IS: 12943 & having three metal washers and one rubber ring, including preparation of cable and drilling of corresponding holes in gland plates etc. as required, & including cost of cable glands, for each cable gland of size.				
	a) 19mm unarmoured control cable	Nos.	33.00	12	396.00
	c) 25mm unarmoured control cable	Nos.	50.00	10	500.00
10(A)	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.				
	b) 3c x 2.5sq.mm	Each	24.00	4	96.00
	f) 12c x 2.5 sq.mm	Each	96.00	6	576.00
	In case all the wires of any cable are not got terminated, then a deduction at the rate Rs.3.00 shall be made for each end of wires not terminated.				
	i) 4c x 4.0 sq.mm	Each	43.00	12	516.00
	In case all the wires of any cable are not got terminated, then a deduction at the rate Rs5.00 shall be made for each end of wires not terminated wires not terminated.				
	TOTAL				51403.00
Rs.in words:-Fifty One Thousand Four Hundred Three Only					



Junior Engineer (T&C)
RVPN, Merta City



Assistant Engineer (T&C)
RVPN, Merta City



Executive Engineer (T&C)
RVPN, Merta City