



**RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LTD.**

**OFFICE OF THE EXECUTIVE ENGINEER (T&C), Udaipur.**

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NO.RRVPN/XEN/(T&C)/UDR/PUR/F. 06(2017-18) /D.236

Dt. 11 .07.2017

**NOTICE INVITING LIMITED BID**

Limited Sealed tenders are invited from the Eligible and experienced Contractors for Earth mesh, Structure and Equipment Erection, Bus Bar and Cabling work of 132 KV Railway (TSS) Bay at 132 KV GSS MAVLI.

Specification number.	RRVPN/XEN/( T&C)/UDR/ PUR /NIB No.06/ 2017-18
Name of the work	Earth mesh, structure and equipment erection, bus bar and cabling work of 132 KV Railway (TSS) Bay at 132 KV GSS MAVLI.
Due date of submission of tenders	Up to 03.00 PM on 18/07/2017
Date of opening of tenders	At 3.30 PM on 18/07/2017
Period of completion.	Within 01 month from date of issue of work order.
Name of contract.	132 KV Railway (TSS) Bay at 132 KV GSS MAVLI.
Estimated cost	Rs.99412/-
Tender cost	Not applicable
Earnest money	Not applicable

Encl: G' Schedule and Instruction to the contractor.

EXECUTIVE ENGINEER(T&C)  
RRVPN, UDAIPUR

## Annexure A : Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall -

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) not obstruct any investigation or audit of a procurement process;
- (g) disclose conflict of interest, if any; and
- (h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

### Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
  - a. have controlling partners/ shareholders in common; or
  - b. receive or have received any direct or indirect subsidy from any of them; or
  - c. have the same legal representative for purposes of the Bid; or
  - d. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
  - e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
  - f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
  - g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/ consultant for the contract.

## **Annexure B : Declaration by the Bidder regarding Qualifications**

### **Declaration by the Bidder**

In relation to my/our Bid submitted to ..... for procurement of ..... in response to their Notice Inviting Bids No..... Dated..... I/we hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:  
Place:

Signature of bidder  
Name :  
Designation:  
Address:

## **Annexure C : Grievance Redressal during Procurement Process**

The designation and address of the First Appellate Authority is \_\_\_\_\_

The designation and address of the Second Appellate Authority is \_\_\_\_\_

### **(1) Filing an appeal**

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

- (2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.
- (3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

### **(4) Appeal not to lie in certain cases**

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) determination of need of procurement;
- (b) provisions limiting participation of Bidders in the Bid process;
- (c) the decision of whether or not to enter into negotiations;
- (d) cancellation of a procurement process;
- (e) applicability of the provisions of confidentiality.

### **(5) Form of Appeal**

- (a) An appeal under para (1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.

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## **Annexure D : Additional Conditions of Contract**

### **1. Correction of arithmetical errors**

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

### **2. Procuring Entity's Right to Vary Quantities**

(i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.

(ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.

(iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.

(c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorised representative.

**(6) Fee for filing appeal**

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

**(7) Procedure for disposal of appeal**

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall,-
- (i) hear all the parties to appeal present before him; and
  - (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.

FORM No. 1

[See rule 83]

**Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012**

Appeal No .....of .....

Before the ..... (First / Second Appellate Authority)

**1. Particulars of appellant:**

(i) Name of the appellant:

(ii) Official address, if any:

(iii) Residential address:

**2. Name and address of the respondent(s):**

(i)

(ii)

(iii)

**3. Number and date of the order appealed against and name and designation of the officer / authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:**

**4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative:**

**5. Number of affidavits and documents enclosed with the appeal:**

6. \_\_\_\_\_ Grounds \_\_\_\_\_ of \_\_\_\_\_ appeal:

.....

.....

..... (Supported by an

affidavit)

7. \_\_\_\_\_ Prayer:

.....

.....

.....

.....

Place .....

Date .....

Appellant's Signature

**3. Dividing quantities among more than one Bidder at the time of award (In case of procurement of Goods)**

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.



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**G - SCHEDULE FOR THE WORK OF EARTH MESH, STRUCTURE ERECTION, EQUIPMENT ERECTION, BUS BAR AND CABLING OF 132 KV RAILWAY (TSS) BAY AT 132 KV GSS MAVLI**  
**WBS No.:- CBAY/15.10.01**

RVPN BSR-2017 issued vide L.No. RVPN/SE(Contracts-II)/XEN-4/F. D. 45 JAIPUR, DATED 21.04.2017

BSR Item No.	Description	Unit	Rate	Qty	Total
<b>1</b>	<b>EARTH MESH WORK</b>				
<b>A</b>	Laying of earth mesh with 25mm/28mm.dia. M.S.Rod at a depth of 0.80 metre from top level of foundations, including excavation of trench of required depth and back filling of the same, transportation of M.S.Rod 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 meter below top level of foundations(M.S.Rod of above sizes & M.S.Flat as required shall be made available by RVPN)				
	<b>a) In case electricity is made available by RVPN without charges.</b>				
	i) Hard soil/Murram/black cotton soil	Metres	26.00	90	2340
<b>B</b>	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 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)				
	<b>a) In case electricity is made available by RVPN without charges.</b>				
	ii) Hard soil/Murram/black cotton soil	Metres	28.00	180	5040
<b>C</b>	Placing /Driving of earth electrode of 25/28mm dia M.S.Rod of length 3.30 metres(approx ) to a depth of -3.80 metres from the top level of foundations, 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 4.80 metres below top level of foundations (M.S.Rod of above sizes & M.S.Flat as required shall be made available by RVPN)				
	<b>a) In case electricity is made available by RVPN without charges</b>				
	iii) Soft rock	Nos.	532.00	5	2660
<b>2</b>	<b>ERECTION ON SUB-STATION STEEL STRUCTURES</b> columns, beams, lighting mast and equipment structures (excluding Circuit Breakers and Capacitor Banks) of all types including transportation of structure members, nuts & Bolts, washers etc. from site store to locations, their assembly, placing on foundation, fixing of template, with foundation bolts as required, levelling and preparing for grouting as required, but excluding grouting, erection after grouting and tightening and punching of nuts & bolts (Maximum height of structures) upto 20 metres).	M. T.	2321.00	13	30173
<b>3</b>	<b>Bus-Bar Work</b>				
<b>A</b>	Stringing of 2.0 KV, 33 KV & 11 KV Bus B 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 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 to one end stringing of conductors between the beams with specified sag and tension, also equalising sag and fitting spacers and spacers T-Clamps for twin conductor for three phases of conductors in each bus - section				
	i) Single ACSR Zebra	Section	1356.00	2	2712
	ii) Single ACSR Panther	Section	1165.00	1	1165
<b>B</b>	<b>JUMPERS</b> of ACSR Conductor (3 nos. Y type ) between bus to equipment, or Between equipment to equipment or between bus to bus, including transportation of conductor, disc insulator and hardware from site store to location , cleaning and assembly of disc insulator as required along with fitting of suspension hardware and erection as required cutting to required length of conductor, marking connections fixing of spacers & spacers t-clamp as required, tightening of clamps/ connectors, dressing, etc., for three phase				
	i) single ACSR ZEBRA/PANTHER Conductor	Set	333.00	20	6660
<b>4</b>	<b>STRINGING</b> of Earth wire(size 7/3.15 min or 7/4.00 mm) 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	292.00	4	1168
<b>5</b>	<b>ERECTION OF SUB STATION EQUIPMENTS</b>				
<b>B</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 transportation from site store to locations, fabrication of base frame, fixing of terminal connectors, tightening of nuts & bolts etc. complete in all respects				
	ii) 132 KV CT/PT/CVT	Nos.	1415.00	9	12735
<b>C</b>	Erection of Lightening Arrester on already erected steel structure including transportation of base frame, P.I.'s 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, final adjustment if, required after jumpering.				
	ii) 132 KV	Nos.	1422.00	3	4266
<b>D</b>	Erection of Isolators on already erected steel structure including transportation of base frame, P.I.'s, contacts, Mechanism-box, clamps & connectors, etc. from site store to locations, Minor fabrication as required, and fixing of terminal connectors,				
	ii) 132 KV				
	a) Without Earth Blade	Nos.	2596.00	2	5192
	b) With Single Earth Blade	Nos.	3045.00	1	3045
<b>I</b>	Erection of post insulator on already erected structure including transportation of p's, nut-bolts, clamps and conductors etc., from site store to location, fabrication of base frame and assembly if required, fixing of clamps etc.				
	ii) 132KV	Nos.	665.00	6	3990
<b>6</b>	Erection of Control & Relay Panels complete in all respects including transportation to site store to control room, pacing on foundation / cable trench as per layout, interconnection between Control & Relay panels and with existing panels and with existing panels, fixing of side / top covers and doors, earthing to existing earth strip in the control room, connection of bus wiring to existing panel and between control and relay panel as required.				
	ii) Duplex Panel	Nos.	1265.00	1	1265
<b>7</b>	Erection of Marshalling Kiosk / Line Matching Unit (LMU) / Line Matching & Distribution Unit (LMDU) complete in all respects including transportation to site store to location, pacing on foundation / cable trench as per layout, preparing for grouting of foundation bolts but excluding grouting etc.				
	i) 220 KV or 132 KV Marshalling Kiosk	Nos.	374.00	2	748
<b>10</b>	<b>Laying and termination of cable</b>				
<b>A</b>	<b>Control Cables</b>				
	i) Laying of P.V.C insulated unarmoured/ armoured control cables of 1.1 KV grade with copper conductor in cable trench as per specification as required, including transportation of cable drums, from site store to location, laying in cable trenches, cutting to required length, placing them on cable racks/ cable trays/ cable batton & dressing, including removing and refixing trench cover as required, making necessary connections testing, cable marking on both the terminating ends, etc as required for all the sizes from 2CX2.5 sq. mm to 20CX2.5 sq. mm, 4X4 sq. mm and 4X6 sq. mm				
	(a) Unarmoured control cables	Metres	5.00	1900	9500

(ii) Fixing of control cables in position with single compression nickel plated brass cable glands conforming 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) 19 sq. mm unarmoured control cables	Nos.	44.00	40	1760
(c) 21 sq. mm unarmoured control cables	Nos.	67.00	36	2412
(e) 32 sq. mm unarmoured control cables	Nos.	96.00	2	192
(ii) 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 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.				
(c) 4CX2.5 sq. mm	Each	43.00	20	860
(d) 6CX2.5 sq. mm	Each	64.00	8	512
(f) 12CX2.5 sq. mm	Each	128.00	2	256
(h) 18CX2.5 sq. mm	Each	191.00	1	191
In case all the wires of any cable are not got terminated, then a deduction at the rate of Rs. 6.00 shall be made for each end of the wires not terminated.				
(i) 4CX4 sq. mm	Each	57.00	10	570.00
In case all the wires of any cable are not got terminated, then a deduction at the rate of Rs. 7.00 shall be made for each end of the wires not terminated.				

TOTAL 99412  
GRAND TOTAL 99412

RS:- Ninty Nine thousand Four Hundred and Twelve Only

  
JUNIOR ENGINEER (T&C)  
RVPNL, KANKROLI

  
ASSISTANT ENGINEER (T&C)  
RVPNL, KANKROLI

  
EXECUTIVE ENGINEER (T&C)  
RVPNL, UDAIPUR

~~SUPERINTENDING ENGINEER (T&C)  
BRVNL, UDAIPUR~~