

Puncom invites sealed bids from reputed experienced parties against its advertisement published in "Dainik Bhaskar" on 9th October 2020 as per below mentioned details:

1. **TYPE OF WORK:**

Sub- contracting The Telecom Work of Installation & Commissioning of STM, MUX, Battery, Battery Charger, Rack etc. in Madar-Rani Section of Ajmer division of North Western Railway.

2. **TENDER SCHEDULE:**

Date of Publishing on Puncom Website : 9th October 2020
Last date of Submission of sealed bids : 19th October 2020 at 03.00 PM
Date of Opening of sealed bids : 20th October 2020 at 12:30 PM

3. **ELIGIBILITY CRITERIA:**

- a. The party must have valid PAN and GST Number.
- b. The Party should have capacity to deploy technical manpower (Engineers, Diploma engineers as well as Labour) as per Railway requirement who are Proficient in installation, wiring and commissioning of PUNCOM Make PD MUX, SMPS Charger, Tejas Make STM, Battery Sets, SPDs etc.
- c. The party should have the ability to meet the running expenditure, to execute this contract.
- d. The party should have not been blacklisted by any Govt. / PSUs or any other agencies earlier.

4. **TERMS & CONDITIONS:**

- a. All terms and conditions as per Railways LOA placed on PUNCOM with "LOA No. AJMER DIVISION-S AND T / SNT-AII-30-2019-20 / 00814660018182 Dated 17/04/2020" for Provision of Installation of STM-1 between Madar - Rani Section will be applicable.
- b. The quoted rates should be inclusive all applicable Taxes/GST, transportation, loading & unloading charges of PUNCOM/Railway Material from the Railway store to the sites and returning of leftover materials, if any, to the Railway store and minor installation material, if any.
- c. The contractor shall comply with all the provisions of GST, Labor Laws, Income Tax or other taxes as applicable in the concerned state. Any penalty / fine / interest etc. for non-compliance for the laws shall be borne by the contractor.
- d. During execution of work, if any Engineer/Diploma Engineer is required to be deputed (at Ajmer or at any other location) to satisfy the demand of North Western Railway then same will be deputed by the Contractor at his own cost.
- e. Due to COVID-19 pandemic, contractor has to take full precautions for his own safety and the safety of his workmen. The liability of the staff deputed by the contractor lies with the Contractor itself. Contractor has to abide by all the guidelines issued from time to time by Govt. of India/Govt. of Rajasthan or any local authority.
- f. Installation/commissioning work certification from Railways and MB entry is in contractor's account.
- g. Detailed Terms & Conditions of work order/payment terms shall be intimated / finalized mutually with the L1 / eligible contractor.
- h. The entire work is to be completed as per guidance/requirement of North Western Railways Jodhpur.

5. **Payment terms:**

- a) Total amount quoted by contractor should be inclusive of all applicable taxes and Contractor shall submit GST paid invoice so that PUNCOM may take input credit for the same.
- b) Payment to the contractor will be made after receipt of payment from Railways on back to back basis. However payment pertaining to GST will be made after availment of credit is ensured to Puncom i.e when ITC is reflected online in GST return to Puncom's a/c.
- c) The Security Deposit equivalent to 5% of the total contract value as per following details will be retained from the running bills of the contractors. This amount will be deducted / retained from the running bills submitted at the rate of 10% of the bill amount till the full security deposit is recovered and this amount will be released after completing the project in all respects and

after Puncom's S.D is released from Railway. The security amount will be forfeited in case the contractor fails to execute the contract as per the requirements of Railways.

6. **Completion Period:**

The entire work shall be completed within 60 days from the date of issue of work order or as per the requirement of NWR Ajmer.

7. **HOW TO APPLY:**

- a. Interested Parties will submit their offers in a sealed envelope Super-scribed as "Ref. PMD-FI-4.1459/Ajmer dated 9th October 2020" and should be addressed to Head Projects, PUNJAB COMMUNICATIONS LIMITED, B-91, PHASE VIII, INDUSTRIAL AREA, S.A.S. NAGAR Mohali – 160071.
- b. Party will sign all the pages of the document and submit its prices in the sealed cover. Prices will only be mentioned on the schedule of work attached at Annexure- I.
- c. Party must ensure that all documents under eligibility criterion are available with him and will be submitted before allocation of work.
- d. In case of any query, the parties may contact Head Projects. Phone :0172- 2237101(4 lines), 0172-5022901 (4 Lines), 0172-2237133 (Direct), FAX : 0172-2237125, E-MAIL : projects@puncom.com

8. **EVALUATION:**

- a. Bids must be received by the designated authority at the address specified not later than 03:00 pm on due date. The Puncom may at its discretion, extend this due date and time for the submission of bids.
- b. Any quotation received after the due date and time for submission of bids prescribed by the Puncom shall be rejected and returned unopened to the bidder.
- c. Puncom shall evaluate in detail and compare the bids as per the eligibility conditions laid down in this document.
- d. Work will be allotted to Party, who has quoted lowest prices and meets all eligibility conditions laid down by Puncom.
- e. Puncom reserves all rights to accept or reject wholly or partially any or all bids at any time prior to award of contract without assigning any reasons and without incurring any liability of Puncom's action on the above grounds, to the affected parties.
- f. PUNCOM reserves the right to distribute the job among more than one eligible party.
- g. PUNCOM reserves the right to increase or decrease the value of contract as per the variation order (if any) placed on PUNCOM by Railway.

9. **TERMINATION OF CONTRACT:**

In the event of contractor showing lack of attendance to the work or negligence or unfair performance, PUNCOM reserve the right to terminate the contract at any stage.

Schedule of Work**Type of work:**

Telecom Work of Installation & Commissioning of STM, MUX, Battery, Battery Charger, Rack etc. in Madar-Rani Section of Ajmer division of North Western Railway.

| Sr. No. | Description of Item | Unit | Qty | Unit Rate | Amount |
|---------|---|------|-----|-----------|--------|
| 1 | Installation, wiring, testing & commissioning of managed SDH (STM-1 Add/Drop MUX) and upgradeable to STM-4) | No. | 24 | | |
| 2 | Installation, wiring, testing and commissioning of 2 Mb Programmable Primary Digital drop insert multiplexer as per RDSO Specs. IRS TC- 68/2004 (Amnd.1) or latest with conference facility and other stipulation to tender documents and fully wired for 30 channel complete with power supply card, remote control, supervision facility and all other accessories, installation material, manuals etc. The above MUX should be equipped with following circuits: - i) 2 wire/ 4 wire E&M VF circuits (minimum 16 nos ckts) ii) Subscriber loop circuits (minimum 4 nos ckts) iii) Minimum 2x 64 Kbps codirectional data circuits (minimum 3 nos ckts.) OR 64 Kbps co- directional data circuits (minimum 6 nos ckts.) iv) Exchange loop interface circuits (minimum 8 circuits) v) This also includes connecting all pigtails, optical patch cords etc to the SDH equipments. This also includes connection of SDH and primary MUX equipment with all interface cards to the 48V Bus including supply of wires and connectors termination of all evens on DDF taking PVC cable over runway or a wall and termination of VF interface circuit to the Krone type. | No. | 24 | | |
| 3 | Installation of Surge and Lightning protection arrangement for OFC equipments installed in OFC huts/ASM office and up to the level of the circuits derived from MUX at the stations as per Drg.No. CSTE/NWR/SOR /26. | No. | 24 | | |
| 4 | Installation, wiring, testing and commissioning of SMF VRLA battery 48 V/200AH, battery bank means 24 Nos. of Cells / Batteries of 2V/200 AH with all associated connectors / Cables and accessories as per RDSO specification no. IRS-S 93/96A with latest amendment. Make - Amara Raja, HBL Power system or Similar. | No. | 24 | | |
| 5 | Installation, wiring, testing and commissioning of SMPS based battery charger, 48 V, 25 Amps in N+1 configuration i.e. using 3 modules of 12.5 Amps with automatic switching between modules as per RDSO Technical Specifications RDSO/SPN /TL/ 23/1999 Ver.4 Amendment-1 or latest. It shall be equipped with surge and lightning protection of ' B' and 'C' class as per instructions of site in charge. This includes cost of installation of DC bus bar of 48 V DC, power wires etc. All the wiring shall be done with the suitable size of power wires through proper casing / capping and as per instructions issued by site engineer incharge. | No. | 24 | | |

| Sr. No. | Description of Item | Unit | Qty | Unit Rate | Amount |
|---------|--|------|-----|-----------|--------|
| 6 | installation and complete indoor wiring of 19 inch covered Rack of size 2035 mm x 600 mm x 600 mm(Approx.) as per Drg.No.CSTE/NWR /SOR/24. The rack shall be complete with all fittings for housing SDH equipments, Primary MUXES, DDF, MDF using crone modules and other equipments like runway ladders etc completely wired and equipped with integrated protection modules for all channels as per technical specifications and other stipulations of tender document. It should be possible to lock all the equipments with only order wire telephone remaining outside the rack. | No. | 24 | | |
| 7 | Installation, testing & commissioning of Ethernet Card in STM-1 compatible with item no.1 | No. | 24 | | |
| 8 | Installation, testing & commissioning of Network Management System (NMS) for both STM-I ADMs & Primary Digital Drop/Insert MUX including associated application software, power supply arrangement along with all accessories as mentioned in respective tender document. Application software will be licensed software This also includes necessary interface if required at way side stations for achieving the end objective of patching and switching of equipment from NMS. It also includes Installation of furniture (Godrej or any repudiated make) i.e. PC/Printer table, revolving chair and one side rack as aproved by site engineer. | No. | 01 | | |
| Total | | | | | |

TOTAL Amount inclusive of GST (In figures) Rs. _____

TOTAL Amount inclusive of GST (In words) _____