

Government of India
Bhabha Atomic Research Centre
Security Electronics & Software Systems Division

Ref: BARC/SESSD/NS/NIT/2022/6/I/20115/2022

Date: 18/4/22

Sub: **Technical Support for execution of Integrated Digital Wireless Trunking Network (IDWTN) project in Greater Mumbai for 3 years.**

On behalf of President of India, Head, **Security Electronics & Software Systems Division, E&I Group**, Bhabha Atomic Research Centre invites bids in a **sealed envelope through Registered Post/Speed Post of Indian Postal Services only** for the work given below as per Annexure-A enclosed herewith on or before 09/05/2022 up to 14.30 hrs.

Description of Job		
Technical support for execution of Integrated Digital Wireless Trunking Network (IDWTN) project in Greater Mumbai for 3 years		
a)	ITI technician (Electronics) as per scope of work	01 no.
b)	AC Multi-Utility Vehicle along with a regular driver, a standby driver as per scope of work	01 no.
c)	Helper as per scope of work	01 no.

The sealed quotation envelope shall contain Technical and Commercial parts of the offer in **two separate sealed envelopes superscripted with type of bid (differentiated clearly by the terms "TECHNICAL" and "COMMERCIAL" on the respective envelopes)**, **Description of job, Tender Ref. No. and due date** as mentioned above. The technical bids will be opened after the due date of this Notice Inviting Tender (NIT) and commercial bids of technically qualified bidders only will be opened subsequently.

The terms and conditions are given below:

1. The quotation envelope shall be superscripted with **Description of job, the Tender Ref. No. and due date** as mentioned above.
2. The complete quotation shall reach the following address on or before 9/5/2022 14:30 Hrs. by Registered Post/ Speed post.

(Kind Attn.: Shri Nikhil Saxena)
Head, SESSD
BARC, Trombay
Mumbai-400085
3. **Printed Letter Head:** Quotation should be printed on the letter head of the firm.
4. **Validity of the Offer:** Validity of the offer shall be for 90 days from the date of opening of quotation. Quotation must also indicate the validity of offer.
5. **Offer of Firm:** Bidder should provide **break-up of the cost for each year with year-wise percent increase against each item as specified above for Technical Support for execution of Integrated Digital Wireless Trunking Network (IDWTN) project in Greater Mumbai.** Incomplete offer or offer received after due date will not be

considered. Failure to provide all technical details will lead to rejection of offer.

6. All the tender rates should be inclusive of all taxes. Detailed Cost breakup including GST should also be provided. Adjustments (i.e. increase or decrease) in the rate of GST is not allowed. The vendor should mention HSN code and applicable GST for each of the items in the quotation clearly
7. If any of the employees, consultants, or partners of the company is an ex-BARC employee, the same must be stated in the quotation clearly.
8. **The bidder should submit the proforma of qualifying criteria for bidder in Annexure B.**
9. The Head, SESSD, reserves the right to extend the date of opening of the quotations.
10. Head, SESSD, reserves the right to accept/reject any or all quotations without assigning any reason.

[Signature]
18-04-22

[Signature]
18/04/22
(A. K. Bhattacharjee)
Head, SESSD

Annexure A

1 OVERVIEW OF WORK

Integrated Digital Wireless Trunking Network ((IDWTN) project is envisaged for rendering wireless communication for various agencies of DAE operating in the Greater Mumbai area. IDWTN will establish the much-needed communication infrastructure - even when conventional means of communication are affected - for personnel providing security and other essential services at various DAE establishments. The work constitutes providing all-round technical support for execution of the project for a period of 3 years.

2 VENDOR SCOPE OF WORK

- 1) The technician, helper and vehicle should be available from 09:00 hrs to 19:00 hrs on all working days. Their service may be required on weekends and holidays and even for late working hrs. on need basis.
- 2) The technical manpower, drivers and helper should have valid Police Verification Certificate (PVC).
- 3) The drivers and the helper should be polite and well-conversant in the local language and in Hindi, having good eyesight and bear sound characters.
- 4) Suitable replacement of technician, driver and helper should be provided when any of them are absent.
- 5) The performance of the technician will be assessed periodically. In case of unsatisfactory performance the technical manpower, the vendor should provide suitable replacement within a month of being notified.
- 6) The vendor should comply with all legal obligations and necessary documentation which include necessary permissions for conducting business, registration certificate, insurance, road tax, Pollution Under Control (PUC), etc.
- 7) The vendor shall arrange adequate accident insurance coverage of the manpower. BARC shall not have any liability arising out of any accident/injury caused to the manpower while executing the work.
- 8) The salaries of the technical manpower, cost of fuel/oil/lubricant, maintenance of vehicle, wages of driver and helpers, all taxes, toll charges, parking charges, comprehensive insurance, etc. shall be payable by the vendor and BARC shall have no liability other than quarterly charges towards the service.

2.1 ITI technician

- a) The vendor will provide 1 ITI technician (Electronics) with minimum 1 year relevant experience.
- b) The technician should possess good skills and physical fitness for field work.
- c) The technician shall be required to do the following:
 - i. Survey of sites and monitoring execution of work at sites.

- ii. Configuration and installation of Repeaters, Fixed sets, Vehicle mounted sets and Handheld portables.
- iii. Installation of antennas of Repeaters, Fixed sets and Vehicle mounted sets.
- iv. Installation of UPS with battery banks.
- v. Troubleshooting of wireless equipment including repair/replacement of PTT mike, DC power supply, battery charger, RF cable, fixed and vehicle mounted sets, handheld sets, antennas etc.
- vi. Installation and configuration of network switches with UTP and FO cable connectivity.
- vii. Field and lab testing of wireless equipment.
- viii. Record-keeping of deployment and servicing of equipment.
- ix. Any other activity as per project requirement.

2.2 AC Multi-Utility Vehicle along with a regular driver and a standby driver

- a) An AC Multi-utility vehicle (Scorpio or better) with a driver and a standby driver (both min. Matriculate with 1 to 2-year experience and aged between 18 yrs. to 50 yrs. old) will be used for transporting IDWTN project related equipment, accessories and personnel all across Greater Mumbai. The contractor should engage skilled drivers having valid LMV-TR driving license for the entire contract period.
- b) The vehicle will be governed by the following terms:
 - i. The vehicle should be manufactured in 2022 and registered in Mumbai. The vehicle will be subjected to inspection by a BARC representative whose decision is final and binding as regards suitability of the vehicle.
 - ii. **The kilometre usage of the vehicle will be maximum 1200 Kms. per month in all respects.** The calculation of mileage will commence from the reporting place and terminate at the end of duty for the day as required by BARC and will not be calculated from the vendor's office or garage or any other parking place.
 - iii. The driver should maintain log book supplied by BARC duly certified by the BARC representative.
 - iv. The vehicle should not be fitted with any Global Navigation Satellite System (GNSS) compatible equipment.
 - v. The same vehicle should be deployed daily. The vehicle will enter and exit BARC premises escorted by BARC representative.
 - vi. Parking of vehicle will be at BARC premises or Anushakti Nagar or vendor's office as per exigency.
 - vii. In the event of breakdown, servicing or maintenance of the vehicle, alternative vehicle should be provided within 2 hours. In such a case, distance from the vendor's office to breakdown site will not be considered for calculation of mileage.
 - viii. The vendor will be responsible for any fine charged by Police or other agencies, violation of traffic rules, losses, damage and accident of the vehicle or to any other vehicle, or injury to the drivers or any other third party.
 - ix. The vehicle should have Fastag monthly pass for paying tolls at toll plazas.

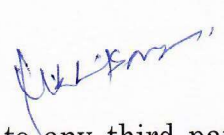
2.3 Helper

One helper (min. Matriculate and aged between 18 yrs. to 40 yrs. old) is required for loading and unloading of material as well as for general support in the field and office.

3 SCOPE OF WORK OF BARC

- 1) BARC will arrange for necessary security permissions for the entry of the manpower and vehicle inside BARC and other locations.
- 2) BARC will provide sitting place for manpower and instruments for repair of equipment.

4 GENERAL TERMS AND CONDITIONS

- 1) The work should be started within 30 days from the date of issue of the work order.
- 2) Security and transportation rules at BARC, Trombay, premises shall be strictly followed.
- 3) The complete details of the vehicle, tourist permit, road tax receipts, comprehensive insurance policy, drivers' licences, vehicle fitness certificate and RC book as well as PVC have to be submitted for verification at all times.
- 4) BARC has the right to ask the vendor to replace the technician, driver or helper if any of them is not found competent or disciplined.
- 5) The vendor should not engage any sub-contractor or transfer the contract to any other party.
- 6) No revision of price shall be entertained during the period of contract.
- 7) BARC reserves the right to terminate the contract by giving notice of **one** month without any financial obligation on either side.
- 8) In the event of cancellation of the contract, the payment will be made on pro-rata basis for the period during which service was provided. No payment for uncovered part of contract period shall be granted.
- 9) Confidentiality & Publicity Clause:
 - i. No party shall disclose any information to any third party concerning the matters under this contract strictly. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.
 - ii. This clause shall apply to the sub-contractor, consultants, advisers or employees engaged by vendor with equal force.
 - iii. "Restricted information" categories under Section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under Section 5 of the Official Secrets Act, 1923:-
 - iv. Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.
 - v. Prohibition against use of BARC's name without permission for publicity purposes:
 - vi. The contractor or sub-contractor, consultant, advisor or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, T.V. or Internet without the prior written approval of BARC.

5 PAYMENT TERMS

The payment terms are given below:

- 1) The total cost of the work order will be **paid on pro-rata basis at the end of each quarter (every three months)** after review of performance and satisfactory completion of each quarter.
- 2) No additional expenses for services of the vehicle and manpower for extra hours per day or extra days per month will be payable.
- 3) **In case of unavailability of technician, vehicle or helper without replacement on any day as required by BARC, deduction will be made on pro-rata basis from the bill besides imposing penalty of Rs. 500/- per day on each count.**
- 4) GST will be as applicable at the time of work accounting to government rules.
- 5) Income tax (IT) @ 2%, surcharge on IT as applicable and education cess @ 3 % (on IT & surcharge) will be deducted from the bill.
- 6) NO WCT (Work contract tax) will be paid.
- 7) The contractor/service provider will not be eligible to claim any interest on account of delay in receiving any payment.
- 8) No insurance charges will be borne by BARC.
- 9) The vendor is required to submit invoice in triplicate indicating the service contract number and the date, for arranging payment.
- 10) All the bills should include PAN number and GST number.
- 11) Documentary evidence towards payment of GST (receipt/acknowledgement) by the firm may be furnished for verification/records.
- 12) Payment will be made only through ECS. Name and address of the bank account number, IFS code, MICR no which appear in cheque leaf, should be quoted on the bill.
- 13) Work order number, period of contract & payment in quarter should be quoted in bills.

Note: Any levies coming in force due to future government orders shall be charged as per government directives.

Annexure B

Proforma of qualifying criteria for bidder

Sl. No.	Requirements	Compliance (Yes/No)
01	Udyam registration for MSME (Copy of Udyam certificate to be submitted)	
02	PAN and GSTIN (Copies of PAN and GST registration to be submitted)	
03	Experience of at least 3 years in dealing with similar works related to manpower and logistic support for wireless communication networks (Supporting documents/Purchase Orders for similar works undertaken for BARC or other government organizations)	
04	Fleet of min. 5 vehicles having All-India Tourist permits (Copies of registration of vehicles owned by the bidder to be submitted)	
05	Logistic support maintenance facilities including garage and parking	

Note: Indenting officer may visit service provider's site for verification/evaluation of the latter's facilities and seek further info./documents as deemed necessary.

[Handwritten signature]