



WADIA INSTITUTE OF HIMALAYAN GEOLOGY,
(An Autonomous Institution of Department of Science & Technology
Government of India)
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OPEN TENDER DOCUMENT

TECHNICAL BID DUE TO OPEN ON 29.06.2020

No:S-2/65-P(Radon Monitoring System)/WIHG/MPGO-II/2019-2020 Dated 29.05.2020

Sub : INVITATION OF TENDER

To

Dear Sirs,

We intend to purchase **(Radon Monitoring System)** as per the details/specifications mentioned below. You are requested to submit your sealed tender/quotation/proforma invoice for the same on your own letterhead as per the details mentioned below under term No. '5' of the Terms & Conditions:-

Sl. No	Description of Items	Quantity
1.	(Radon Monitoring System)/WIHG/MPGO-II Specification: As per Annexure-I	02 Nos.

TERMS AND CONDITIONS

1. Detailed terms & conditions of supply MUST be mentioned in your offer.
2. A Demand Draft for an amount of **Rs. (Rs.900.00 Tender fee + GST @ 18%) 1062.00** or its equivalent foreign currency in the shape of a Demand Draft in the name of the Director, Wadia Institute of Himalayan Geology, Dehra Dun MUST be submitted with your technical bid of tender towards tender fee. Tenders not accompanied by Tender Fee will not be considered.

3. Detailed technical specifications of offered System **MUST** be mentioned and the technical literature/write-up on offered item(s) must be submitted with your offer, failing which the offer will be liable to be rejected.

4. Comprehensive on site warranty for a minimum period of **twelve months** against any malfunctioning from the date of satisfactory installation, commissioning and final acceptance of supply **MUST** be available on the offered system. The warranty clause on these lines **MUST** be clearly mentioned on both technical and commercial bids. Offers with other warranty clauses will not be considered. After sales service facilities in India should also be available. Details of warranty/guarantee and the after-sales service facilities available in India must be specifically mentioned in your offer, failing which the offer will be liable to be rejected.

5. The sealed tenders/quotations/offers are to be submitted in **two parts** as under:-

The technical and commercial bids should be submitted on your own letterhead in separate sealed envelopes. **Your technical bid should be submitted in one of the sealed covers superscribed "(RADON Monitoring System)" due to open on 29.06.2020** The other sealed envelope should contain your commercial bid and should be superscribed "Commercial offer for (Radon Monitoring System)" Both these sealed envelopes should be submitted in a third sealed cover superscribed "Tender for (Radon Monitoring System) " due to open on 29.06.2020.

The undermentioned documents/details **MUST** be submitted with your technical offer.

- a) Demand Draft towards tender fee.
- b) Relevant technical literature.
- c) Details of training and after-sales-service facilities available.
- d) Details of warranty (elaborative as per term No. '4').
- e) Details of users and copies of the user certificates of the proposed model/make of **(Radon Monitoring System)** (as per term No. '14').
- f) Details of para-wise/itemwise compliance statement (offers without compliance report will be liable to be rejected).

6. Rates quoted by Indian suppliers in Indian Rupees, **MUST** be for delivery on F.O.R. Dehra Dun basis. Only tax, as applicable, will be paid extra by us. Payment will be made after satisfactory receipt, installation & acceptance of supply.

7. Being a Research & Development Institution, we are exempted from payment of excise duty and are entitled for payment of basic custom duty on concessional rates. Therefore Indian suppliers are advised to quote their rates accordingly.

8. 100% payment to overseas suppliers will be made by us through wire/Telegraphic Transfer. However, 80% payment will be released on receipt of consignment and the balance 20% payment will be released after satisfactory installation/commissioning and acceptance of supply.

9. Commercial offer from overseas manufacturers/suppliers **MUST** be submitted on the following lines and must be for supply on f.o.b. basis :-

- (a) Ex-works cost.
 (b) (-) Less Indian Agent's Commission, if any, payable in Indian currency after satisfactory installation and acceptance of supply.
 (c) Net ex-works cost.
 (d) f.o.b. charges upto international airport of despatch in supplier's country.
 (e) Net f.o.b. cost.
10. Installation of the equipment will be done at MPGO Kopardhar near Ghuttu by the firm or its Indian agent. Operational training will be required. In case installation/training charges are to be paid extra, the same **MUST** be specified in the offer, failing which the offered rates will be treated as inclusive of installation/training charges. Installation and training clauses **MUST** be clearly mentioned in your offer (both in technical and commercial bids).
11. Delivery period required by you **MUST** be clearly mentioned in your offer.
12. Your offer **MUST** be valid for a minimum period of **one hundred twenty days** from the date of opening of technical bids and validity period **MUST** be mentioned in your offer. Air-freight charges on imported consignment will be paid by us in India in Indian currency. Insurance of the imported consignment will also be arranged by us.
13. Your offer **MUST** reach us by 13.00 hrs. on **29.06.2020**. In their own interest, the tenderers must ensure that their tender reaches us in time. Tender will be opened at 15.00 hrs. on the same day. Late tenders or delayed tenders will not be considered. In case the due date happens to be a closed day because of any of the reasons, tenders will be opened at 3 p.m. the next working day.
14. Details of the users of your product(s), who have used the quoted system(s) in geological applications, especially the users in India, and the contact person(s) (with complete address and FAX / Telephone Nos.) **MUST** be sent with your offer.
15. In case Indian Agents submit offer on behalf of their overseas principals, proper Authorisation Certificate from the principals on their (Principals) letterhead **MUST** be submitted in original with the technical bid, **failing which the offer will not be considered**.
16. **Earnest Money :-** An earnest money for an amount of **Rs. 84,000.00 (Rupees Eighty Four Thousand only)** or its equivalent foreign currency **MUST** be submitted with the **Technical bid** in the shape **FDR/Bank Guarantee in the name of the Director, Wadia Institute of Himalayan Geology, Dehra Dun (India)**, failing which the offer will not be considered.
- Kindly note that the FDR/Bank Guarantee towards earnest money **MUST** be submitted with the Technical Bid. The Bank Guarantee shall remain in force upto and including forty five (45) days beyond the period of bid validity of 120 days after opening of technical bid. **Offers not accompanied by earnest money will not be considered.** Earnest money in any other shape will not be considered.
17. **Security Deposit :-** Before placement of necessary Purchase Order, the successful tenderer will have to submit security deposit @5% to 10% of order value in the shape of a Fixed Deposit Receipt/Bank Guarantee, that shall be valid till completion of warranty period.

18. Firms quoting against this tender and seeking exemption for EMD/s being registered with NSIC or any such govt. body, must enclose the legible copy to valid Certificate issued by such authorities.
19. Risk Purchase Clause :- If the supplier fails to supply the goods in correct quality and quantity within the stipulated delivery period, liquidated damages @1% per week for a maximum period of ten weeks will be deducted from the balance payment of the supplier. If the ordered materials are not supplied even after the delay of said period of ten weeks, termination/cancellation of the order will be considered and in such a situation, the purchaser will have the right to forfeit the security deposit of the tenderer and procure the material(s) or services from elsewhere upon such terms and in such manner as it deems appropriate and the supplier shall be liable to pay the purchaser for any excess costs for such similar goods or services.
20. Resolution of Disputes : All disagreements, disputes, difference that may arise between the Wadia Institute of Himalayan Geology and your firm/agency which cannot be resolved through mutual negotiations shall be referred to an Arbitrator appointed in accordance with the provisions of relevant Indian or International Law as the case may be. The venue of the proceedings and arbitration shall be Dehradun, INDIA.
21. Amendment(s) in the tender document required if any, will be made available in our website and accordingly, the prospective bidders are required to keep themselves updated till four days of tender opening.
22. The Director, Wadia Institute of Himalayan Geology, Dehra Dun (India) reserves the right to reject any or all tenders without assigning reasons thereof.

Yours faithfully,

Store & Purchase Officer, for Director

Two (02) radon monitoring systems are required for the continuous measurement of radon in soil at 10m depth and in water at 50m depth with data processing/storage unit.

Specifications for radon monitoring system (Quantity required:02)

1. Radon Monitoring System		
1.1	Power	12 VDC Batteries chargeable through AC/ Solar panel
1.2	Operating temperature	0°C to 45°C
1.3	Sampling Rate	Minimum 15 minutes
1.4	Data Storage	At least six months data in the internal or external storage
1.5	Radon Concentration range	0 – 40,000 cps or 5.0 – 700,000 Bq/m ³
1.6	Measurements	(a) Continuous radon measurement in air, soil (10m depth) and water (50m depth). (b) For continuous radon measurement in water the probe/kit will be submerged in water permanently.
1.7	Status display	Digital display for working status of the system
1.8	Interface	USB/RS232 and accessibility to Ethernet/LAN interface
2.0	Software	(i) Software should support real time status monitoring (ii) Software should support the transferring of data through data logger to PC (iii) The data should be accessible in any usable format like ASCII or Excel etc.
3.0	Data processing/storage unit	(i) Form factor: All in one (ii) 8 th Gen. (or later) Intel Core i7 processor (iii) 16 GB 2666MHz DDR4 RAM (iv) 1TB 7200 rpm SATA Hard Disk Drive (v) 19.6" or higher Display size (vi) Integrated 10/100/1000 Gigabit Ethernet (vii) Windows 10 Pro (64 bit)
4.0	Installation and training	(i) Installation will be done at MPOG Kopadhar near Ghuttu region – Tehsil Ghanshali, Tehri, Garhwal. Site is 250 Km away from Dehradun including 01 Km path way. (ii) Onsite training of operations of the radon monitoring system for 2-3 persons.
5.	Warranty	02 year onsite warranty