

INSTITUTE OF SEISMOLOGICAL RESEARCH,
Nr. Pandit Deendayal University, Raisan, Gandhinagar
Ph-079-66739023/09, www.isr.gujarat.gov.in

Short Term Notice No.ISR/Borehole/2018

Sealed tender is invited On behalf of the Director General, Institute of Seismological Research (ISR), Raisan, Gandhinagar, sealed bid cover from reputed authorized firm/agencies, for drilling of boreholes in all kind of rock and soil having dia 150 mm. upto 100 m depth Near Mesow Dam, District Sabarkantha, Gujarat The bid document can be downloaded from the website indicated above. Any further clarification(s) or corrigendum(s) shall be communicated through the website.

Date: 19/09 /2018

(Administrative officer)

Bidding Document

For

Drilling of 3 Boreholes of 150 mm dia. up to 80 m depth and 1 borehole up to 100 m depth Near
Mesow Dam, District Sabarkantha, Gujarat

Invitation No.:

Director General
Institute of Seismological Research,
Next to Petroleum University,
Raisan Village, Gandhinagar – 382009
(079-66739012, 079-66739000)

TENDER NOTICE No.

Invitation for Bid (IFB)
INSTITUTE OF SEISMOLOGICAL RESEARCH (ISR)
Department of Science & Technology

The Institute of Seismological Research (ISR) invites bids through tendering system from eligible

bidders for:

“Drilling of 3 borehole of 150 mm dia. up to 80 m and 1 borehole up to 100 m depth near Mesow Dam, District Sabarkantha, Gujarat”

Sr. No.	Items Required	Quantity
1	Drilling of 3 borehole of 150 mm dia. up to 80 m and 1 borehole up to 100 m depth near Mesow Dam, District Sabarkantha, Gujarat	4

1.0 GENERAL DETAILS OF WORK:

S.no	Name of work	Tender EMD (Rs)	Time limit for completion of work
1.	Drilling of 3 boreholes of 150 mm dia. up to 80m and 1 borehole up to 100m depth near Mesow Dam, District Sabarkantha, Gujarat	15,000/-	30 days

1.1 Schedule of Tendering

1.	Uploading of Tender in ISR Website	19/09/2018
2.	Downloading of Tender Document End Date	09/10/2018
3.	Last Date of Submission (Hard Copy)	09/10/2018, 11:00 am
4.	Opening of Technical bid, after verification of technical documents, tender fee, etc.	09/10/2018, 12:00pm

1.2. DOWNLOADING OF TENDER DOCUMENT:

The tender documents for these works are available only in Electronic format which Bidder can download from the website www.isr.gujarat.gov.in. Interested eligible bidders may also obtain further information from Director, ISR, Gandhinagar, Gujarat from 10.30 to 18.10 hours during working days.

2.0 SCHEDULE OF TENDERING:

Interested Bidders can view these tender documents online but Bidders who are interested in bidding of these tenders can download tender documents and Bidders who wish to submit their offer shall pay tender fee in form of Account Payee Demand Draft payable at Gandhinagar drawn on any Nationalized Bank in favour of Institute of Seismological Research, Gandhinagar.

2.1 EMD (Earnest Money Deposit) and Tender Fee should be attached in separate envelope during opening of tender, Technical bid and Price bid.

- Latest Income Tax return, PAN and income tax ward where assessed.
- Registration Certificate
- Technical bid documents
- The bidder or his agent shall have adequate servicing facility in Gujarat.

3.0 SUBMISSION OF TENDER:

Bidder will have to submit separate account payee DD drawn in favour of ISR, Gandhinagar for tender document fee and EMD drawn in favour of Director General, ISR, Gandhinagar, Gujarat in physical form in the office of Director General, ISR, Gandhinagar, Gujarat 19/09/2018 for further details please refer Tender documents available online.

4.0 OPENING OF TENDER:

The technical bid will be opened on /09/2018 onwards Tenderer who wishes to remain present at ISR premise at time of tender opening can do so. Only one representative of each firm will be allowed to remain present.

INSTITUTE OF SEISMOLOGICAL RESEARCH, GANDHINAGAR
GEOTECHNICAL DEPARTMENT

IMPORTANT INFORMATION FOR THE TENDERERS

- Tender should be sent by Registered A.D./Speed Post/Hand Delivery.
- Tender Fee Rs. 1500
- Tender document upload: 19-09-2018
- Last Date & Time of submission of Tender: 09-10-2018 11:00 AM
- Date & Time of opening of Technical Bid: 09-10-2018 12:00 PM

Drilling of 3 borehole of 150 mm dia. up to 80m and 1 borehole up to 100m depth near Mesow Dam, District Sabarkantha, Gujarat

- A demand draft of Rs. 1500 for Tender in favour “Institute of Seismological Research, Gandhinagar” payable at Gandhinagar should be attached with the Tender and sealed Tender should be addressed to THE STORE & PURCHASE OFFICER, INSTITUTE OF SEISMOLOGICAL RESEARCH, NEXT TO PETROLEUM UNIVERSITY, RAISAN VILLAGE, GANDHINAGAR – 382009 should be sent so as to reach him before last date and time. Without tender fee, tender will not be considered.
- EMD of Rs. 15,000 in the form of Cash/DD drawn on nationalized bank in favour of “Institute of Seismological Research, Gandhinagar” payable at Gandhinagar should be attached with the tender. Without EMD tender will not be considered. Cash receipt must be attached with the tender.
- Successful tenderer shall have to deposit 5 % of the tender amount as security of bank guarantee of nationalized bank and shall have to sign a contract with ISR as per rules within 5 days after receipt of order, valid for 6 months.
- GST No. should be mentioned in tender as well as in the bill.
- Our standard payment term is 45 working days after submission of 3 hard copies of final report of the proposed drilling investigations. No advance payment or Performa invoice payment or bank through payment will be considered, even if any discount is offered for the same. This standard payment is applicable only when the tenderer fulfills above Condition If by any reason, payment is not received within 45 days than tenderer is not eligible to

claim/demand any compensations for loss of interest or thereof.

- Tenderer must give validity of tender for minimum 180 days from the date of price bid opened. Director General, ISR reserves the right (i) to change, alter or to waive any technical or commercial terms, conditions and qualification (ii) to reject all the tenders or the lowest or any other tender in part or full without assigning any reason whatsoever (iii) for making changes/relaxation in eligibility criteria at any time (iv) to split the tender and award to more than one tenderer in the interest of public. The tenderers shall have no cause of action or claim against ISR or its offices, employees, successors or assignee for rejection of his tender.
- Conditions of tender issued by ISR must be duly signed and should be attached with the tender.
- Tenderer shall have to submit three hard copies (one original + 2 duplicate) of the tender.
- Tenderer shall have to mention on the cover:

(A)Drilling Operations (Geotech lab), (B) Tender for, (C) Opening Date & (D)
Name of the tenderer

i). Xerox copies of the orders executed for similar works to be attached.

ii). Conditional tender will not be accepted.

iii). Bidder shall have to furnish name of bank, name of branch with address, A/c No., Type of Account, MICR No. and IFSC Code No. of Bank for refund of EMD on separate letter pad page.

- The evaluation will be done only on the basis of information submitted with the tender.
- Fresh details if required will have to be submitted.
- The bidders shall have to furnish their technical & financial details with the tender.
- If required, original certificate/documents have to be produced by the tenderer at the time of evaluation of tender.
- Even though the bidder meets the above qualifying criteria, he shall be disqualified if he has made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements and/or record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.

- The amount quoted against the “Total Amount Column” shall be considered final for lowest bidder evaluation. The total amount must be written in figures and words.
- Tenderer has to check the ISR website for Addendum if any before 48 hours of tender submission date & time. Tenderer who quote tender without attaching tender or the addendum will be rejected.
- Prices should be quoted in our separate Price Bid format Inclusive of all Taxes.
- At the submission date and time, tenderer who quote the tender without attaching the tender or the addendum will be rejected.

I/We fully agree to all the terms, conditions and specifications.

Tenderer's Signature
& Stamp

Administrative Officer
ISR, Gandhinagar

SECTION: I
(A) ELIGIBILITY CRITERIA AND DIFFERENT PARAMETERS FOR
TECHNICAL BID QUALIFICATION

(a) Post Qualification:

1. Tenderer should have carried out successfully complete work in soil/rock for at least 10 boreholes.
2. The determination will take in to account the Bidders financial and technical capabilities necessary to perform the contract. It will be based upon the examination of the documentary evidence of the Bidder's qualifications submitted by the bidder.
3. Tenderer must possess annual average turnover of Rs. 25 lacs during last two years.
4. It will be the tenderer's responsibility to deposit GST in the service tax department.
5. The documents will not considered for scrutinization without tender fee and EMD fee

(b) Parameters for Qualifications:

Sr. No.	ISR Requirements	Tenderer Data
1	Tender Fee Rs. 1500/- through DD	
2	E.M.D. Rs 15,000/- through DD	
3	Tenderer must have experience of successfully completed work in soil/rock (Minimum 10 boreholes)	
4	Annual average turnover of Rs. 25 lacs for the last two years	

6. The security deposit (5% of total work amount) must be submitted by L1 prior to initiate the work by Nationalized bank Demand Draft (DD) in the favor of **“Director General, Institute of Seismological Research”**

Tenderer Signature and Stamp with Date:

(B) SCOPE OF CONTRACTOR

1. Tenderer shall have to drill with labor and materials with site difficulties and discomfort ness.
2. The equipment and the works shall confirm in all respects of Indian and ASTM standards of engineering.
3. The tenderer has to arrange photographs of work at different stages of progress as per the instruction of site in charge from ISR.
4. Completion of work will only be considered after completion of the borehole as per suggestion of ISR Supervision.
5. Successful tenderer will have to start the drilling work within 15 days from the date of order. The total work shall be completed within 45 days of the date of order. The work of drilling the new borehole will have to start immediately on showing the exact site and work of all boreholes should be completed within the time specified above.
- 8 Payment –60 % payment of the work will be given after drilling completion of a borehole. Remaining 40 %payment will be given after successful completion of Site clearance and submission of final reports.
- 9 If the contractor does not complete any of the work as mentioned in the tender due to any reason, the payment for the work done will not be given to the contractor till work is completed satisfactorily.
- 10 The contractor shall have to keep qualified technical representative (preferably geologist) for full time to receive instruction.
- 11 The contractor shall be responsible for workman's compensation if any such case of death or injury. During the work, any damage to the Government property will be recovered from contractor's account.
- 12 The contractor shall have to keep record of workers working on site and will have to submit every week.
- 13 The rates shall be stated clearly in words and figures in price schedule of rates.
- 14 If any extra item comes up during process of work the same shall be carried out by the contractor and shall be paid at the rate fixed up by the Director General, ISR if not mentioned there.
- 15 Director General, ISR reserves the right to accept or to reject any tender in part or full without assigning any reason what so ever.
- 16 No terms of payment of the contractor will be accepted.
- 17 The materials must be as per technical specifications given in the tender documents.

- 18 Contractor has to make his own arrangement for water required for drilling of borehole. in any circumstances water and water tanker will not be provided by ISR. Any other terms of tenderer for water tanker will not be accepted.
19. Director General, ISR reserves the right (i) to change, alter or to waive any technical or commercial terms, conditions and qualification (ii) to reject all the tenders or the lowest or any other tender in part or full without assigning any reason whatsoever (iii) for making changes/relaxation in eligibility criteria at any time (iv) to split the tender and award to more than one tenderer in the interest of public. The tenderer's shall have no cause of action or claim against the Institute corporation or its officer's, employee's, successor's or assignee for rejection of his tender

Tenderer's Signature and Stamp with Date:

SECTION: II

(A) INSTRUCTIONS TO TENDERERS

1. EXAMINATION BY TENDERERS:

1.1 Prior to submitting the tender, each tenderer must do following steps:

- (a) Tenderer must have to visit the site, site condition and check site difficulties and discomfort ness at the drilling location.
- (b) Examine all instructions, eligibility criteria and specifications in the tendering document.
- (c) Familiarize him with all central, state and local laws, ordinance, rules, regulations and codes affecting the services including the cost of permits and licenses required for the work at the site.
- (d) No additional claim, discrepancy etc. shall be entertained after opening of tender.

2. TENDER PRICES:

The Tenderer shall fill the prices in the schedules indicated in price schedule of the tender document. On acceptance, the prices shall be valid throughout the period of contract.

3. DOCUMENTS COMPRISING THE TENDER:

The original and duplicate tenders prepared by the Tenderer shall be in two cover compromise of the following components:

Cover A: Eligibility Criteria and Technical Bid

(i) Tender Fee & EMD sealed cover

a). Technical tender documents with all experience certificates and eligibility criteria documents

(ii) Executed order's details with Xerox copies of order

Cover B: Price Schedule Cover

(i) Tender price schedule duly filled.

4. EARNEST MONEY DEPOSIT:

The Tenderer shall furnish, as part of its Tender, Earnest Money Deposit for the amount as indicated in the invitation for tender.

- 4.1 The EMD shall be determined in Indian rupees and shall be in form of Demand Draft drawn of Nationalized Bank in favour of “Institute of Seismological Research, Gandhinagar” payable at Gandhinagar.
- 4.2 Any Tender without Fee & EMD will be rejected by ISR as non-responsive.
- 4.3 Unsuccessful Tenderer’s earnest money will be discharged/returned as promptly as possible after the award has been finalized.
- 4.4 The successful Tenderer’s Earnest Money will be discharged upon the tenderer signing the contract and furnishing the security deposit.
- 4.5 No interest will be paid on Earnest Money Deposit and Performance Security Deposit.

5. TENDER VALIDITY:

Tender shall remain valid for 180 days from the date of price bid opened. Tender valid for a shorter period, may be rejected by the institute as non-responsive.

6. FORMAT and SIGNING of TENDER:

- 6.1 The Tenderer shall prepare two copies of the Tender clearly, making one “ORIGINAL” and other “DUPLICATE”.
- 6.2 The original and duplicate of the Tender shall be signed by the Tenderer or a person or persons duly authorized to sign the Tender. The power of attorney in favour of the person authorized to sign the Tender shall accompany the Tender. All pages of the Tender must be duly signed by the tenderer.

7. SUBMISSION OF TENDER:

- 7.1 Offer by Fax, E-mail OR received in open condition will not be considered.
- 7.2 The Tenderers shall seal the original and duplicate of the tender in one sealed envelope.
- 7.3 Tenderers are requested to submit the original and duplicate tender documents in two separate sealed envelopes and as per procedure given hereunder:

a) The Sealed Cover: A (Technical Bid, Tender Fee and EMD Cover)

Containing two sealed covers namely Cover – I and II

(i) Cover – I (EMD and Tender Fee Cover)

It will contain only demand draft payable at Gandhinagar or cash receipt.

(ii) Cover – II (TECHNICAL BID COVER)

It will contain eligibility criteria and technical bid.

b) The Sealed Cover – B (Price Bid Cover)

It will contain price schedule bid in which the prices are to be quoted by the tenderer. (Price bid should be in a separate cover) No condition will be accepted along with the price bid.

7.4 Both the envelopes as mentioned above from the Tender and will be placed in a sealed common envelope. The envelopes shall indicate the name and address of the Tenderer to enable the Tender to be returned unopened in case it is declared “Late Tender”. The outer envelope shall be addressed at the following address by Regd. A.D. Post/Speed Post/Hand Delivery.

**To,
Director General,
Institute of Seismological Research,
Next to Petroleum University, Raisan Village,
Gandhinagar – 382009**

7.5 Director General, ISR reserves the right (i) to change, alter or to waive any technical or commercial terms, conditions and qualification (ii) to reject all the tenders or the lowest or any other tender in part or full without assigning any reason whatsoever (iii) for making changes/relaxation in eligibility criteria at any time (iv) to split the tender and award to more than one tenderer in the interest of public. The tenderer's shall have no cause of action or claim against the corporation or its officer's, employee's, successor's or assignee for rejection of his tender.

8. SIGNING OF CONTRACT:

- 8.1 On receipt of the notification of award/order the successful tenderer has to execute the necessary arrangement with the institute as per the prevailing rules and regulations of institute, along with performance/security deposit.
- 8.2 Contract shall be constituted according to and subject to laws of India and State of Gujarat and under the jurisdiction of court of Gujarat at Ahmedabad only.

9. SECURITY DEPOSIT:

- 9.1 On receipt of notification of award from the institute, the successfully tenderer shall furnish 10% security deposit in accordance with the conditions of contract, in the form acceptable to the corporation within 15 days, valid for 6 months.
- 10.** Failure of the successful tenderer to comply with requirement of above clause shall constitute sufficient grounds for the annulment of the award and for the annulment of the award and forfeiture of the EMD, in which event the corporation may make the award to the next lowest evaluated tenderer or call for new tenders.

Tenderer's Signature and Stamp with Date:

Tenderer's Signature & Stamp

Administrative Officer
ISR, Gandhinagar

Bank Details:

Name of Party/Contractor:

Address:

Telephone No.:

E-mail ID:

PAN No(Self Attested zerox copy of Pan card).:

Name of the Bank:

Name of the Branch:

Address:

Account No.(IN full Digit):

Type of Account:

MICR No.:

IFSE Code No.:

The information given above is true to the best of my knowledge and belief.

Party's Stamp & Signature

SECTION: III

Drilling of 3 borehole of 150 mm dia. up to 80m and 1 borehole up to 100m depth near Mesow Dam, District Sabarkantha, Gujarat

GENERAL:

The purpose of the investigation is to determine the field in situ properties of the subsurface soil/rock. The approx. depth of the boreholes will be upto 80m to 100m from the existing ground level. Four boreholes are planned in Devni mori Sabarkantha District. SPT and UDS samples to be obtained at the prescribed depths in borehole. The in-situ field tests are to be conducted in a complete presence of ISR representatives. The quantity of SPT, UDS and Core sampling will vary according to the requirement at the site.

1. Definition:

- (a) Satisfactory completion of borehole drilling to the maximum prescribed depth in all sorts of soil, kankar, boulder or soft or hard rock. The stated depths are approximate and the contractor may have to go higher or lower depths as decided by the ISR officials and local site conditions.
- (b) After completion of drilling, borehole should be filled up by appropriate material to prevent any accident. The contractor will be responsible for any injury or accident in this condition

2. Drilling Procedure:

- (a) The contractor will employ direct mud rotary drilling rig (i. e. by direct rotary drilling rigs fitted with a heavy duty reciprocating mud pump).
- (b) The collection of the sample at every 3.0m depth interval will be contractor's responsibility and drilling work can be only stop after the permission of the ISR officials.
- (c) The drill monitoring chart and the physical onsite drilling logs to be maintained by the employed site geologist by the contractor with a mutual consent to the ISR representatives.
- (d) After completion of drilling, each borehole should be filled up by appropriate material to prevent any accident or damage due to it.
- (e) Static Water Level (SWL) measurements to be done after a minimum period of 24 hours from back washing.
- (f) If collapsible nature of soil is encountered, casing has to be put in stages.

3. Bore Hole:

- (a) 150 mm dia boreholes below existing ground level up to 80 m to 100m depth.
- (b) Collection of Undisturbed Samples (UDS) at every 3m depth for each borehole as per IS: 2132 (1986). Sample should be collected in new shelby (provided by contractor) as per Indian Standard.
- (c) Performing Standard Penetration Tests (SPT) at every 3m depth/as instruction of ISR representative for each borehole as per IS: 2131 (1981).
- (d) Collection of the core samples and estimation of the Core recovery (CR) and Rock Quality Designation (RQD)

4. Mud Packing:

After successful completion of drilling mud packing should be started. The packing should be done from ground level to the termination depth for the respective borehole.

5. Water Tanker:

The water tanker for the work of drilling and other activities for the borehole will not be provided by ISR in any circumstances. The contractor has to arrange for water tanker at its own.

6. Mud Disposal:

The bore will be constructed in and around the area of Devni Mori. To avoid any accident, the tenderer must dispose of mud and cutting after the completion of drilling work. It should not be staged at site. It will be the contractor's responsibility if any accident, police case, death, court case, injury happens due to not properly dispose of mud and cutting from the bore site.

7. Penalty:

We have mentioned 45 days' period for completion of drilling work in all respect as per tender specifications. If the contractor could not complete the work in specified time, penalty at a rate of 5% per week will be charged. If work is not completed during this penalty period than contract will be terminated, security deposit will be forfeited and party will be black listed.

Tenderer's Signature
& Stamp

Administrative Officer
ISR, Gandhinagar

PRICE SCHEDULE

Sr.No.	Description	Unit	Rate (In Rs.)	Amount
1	Drilling of 150 mm dia. Borehole through all kind of Soil upto 80m depth	Meter		
2	Drilling of 150 mm dia. Borehole through all kind of rock	Meter		
3	Conducting Standard Penetration Tests in boreholes at every 3m depth interval as per IS:2131 (1981)	1 Nos.		
4	Collecting Undisturbed Soil Samples from boreholes at every 3 m depth interval as per IS:2132 (1986)	1 Nos.		
5	Collecting Disturbed Samples Wherever Undisturbed Samples are not encountered	1 Nos.		
6	Collecting Core Samples	1 Nos.		
7	Casing rate per Meter (Casing will be used wherever required)	Meter		
	Total (In Rs.)			
Grand total Rs in word				

*The depth of drilling may vary based on the stratification.

Prices of the work and material must be as per tender specifications. Prices must be mentioned **including all taxes.**

*Note: The quantities mentioned are approximate. Payment will be made as per actual.

Bidder Sign with Seal

Tenderer's Signature & Stamp

Administrative Officer
ISR, Gandhinagar