

NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR
SILCHAR – 788 010 (ASSAM)

No: NITS-PS-416-CE-DRS Proj-Dr.A.Sil-16

Date : 13.08.2016



NOTICE INVITING TENDER

**FOR DRILLING OF BOREHOLES FOR SPT-N TESTS INCLUDING SUBSURFACE SOIL INDEX
PROPERTIES UP TO 30 M DEPTH IN THE SILCHAR CITY**

LAST DATE & TIME OF SUBMISSION : 13.09.2016 up-to 02.00PM

DATE & TIME OF OPENING : 13.09.2016 at 03.30PM



राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

सिलचर, कछार, असम - 788 010

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NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR

SILCHAR, CACHAR, ASSAM – 788 010

Tel.No. (Director) : (03842) 224879

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NOTICE INVITING TENDER

No: NITS-PS-416-CE-DRS Proj-Dr.A.Sil-16

Date : 13.08.2016

Sealed tenders are invited in two parts (Technical & Financial) bid for the following work in National Institute of Technology Silchar, Silchar, Assam – 788 010

NAME OF THE WORK	: <u>DRILLING OF BOREHOLES FOR SPT-N TESTS INCLUDING SUBSURFACE SOIL INDEX PROPERTIES UP TO 30 M DEPTH IN THE SILCHAR CITY</u>
TENDER NO.	: No: NITS-PS-416-CE-DRS Proj-Dr.A.Sil-16
PERIOD OF WORK COMPLETION	: As per order
EARNEST MONEY	: 5,000.00
COST OF TENDER	: INR 500.00

DATE OF SUBMISSION AND OPENING OF TENDER

Last date for submission of sealed tender at NIT Silchar, Cachar, Assam – 10	: 13.09.2016 up-to 02.00PM
Date of opening of Tender	: 13.09.2016 at 03.30PM
Venue of opening of Tender	: Office of the HOD, CE Dept, NIT Silchar

In case, firm has downloaded the tender documents from the Institute website i.e. www.nits.ac.in, they must ensure that requisite tender fee/ cost of INR 500.00 is enclosed in the form of Account Payee Demand Draft from any commercial bank in favour of "Director, NIT Silchar" payable at SBI NIT Silchar Branch with their tender, failing which the tender will be treated as incomplete and will be ignored

The sealed tender may be sent either by registered post or by hand to Purchase Section, National Institute of Technology Silchar, Cachar, Assam – 788 010 between 0900 hours to 1730 hours on any working day till the due date and time. This tender document can also be downloaded from the web site www.nits.ac.in. The technical bid and financial bid may be kept in envelope superscribing "**Bid for DRILLING OF BOREHOLES FOR SPT-N TESTS INCLUDING SUBSURFACE SOIL INDEX PROPERTIES UP TO 30 M DEPTH IN THE SILCHAR CITY.**"

Sd/-
REGISTRAR

PART A : TECHNO – COMMERCIAL BID

TECHNICAL SPECIFICATIONS FOR DRILLING OF BOREHOLES FOR SPT-N TESTS INCLUDING SUBSURFACE SOIL INDEX PROPERTIES UP TO 30 M DEPTH IN THE SILCHAR CITY

GENERAL:

The purpose of the investigation is to determine the field insitu properties of the subsurface soil. The depth of the boreholes will be up-to 30m from the existing ground level and planned within Silchar Municipal Council area, at Silchar City. SPT and UDS samples to be obtained at the prescribed depths in each borehole. The quantity of SPT and UDS 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 PI and Co-PIs of the Project officials and local site conditions.

(b) After completion of drilling, each 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 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 investigators representatives.

(c) After completion of drilling, each borehole should be filled up by appropriate material to prevent any accident or damage due to it.

(d) Static Water Level (SWL) measurements to be done after a minimum period of 24 hours from back washing.

(e) If collapsible nature of soil is encountered, casing has to be put in stages.

3. Bore Hole:

(a) Preferably 150 mm dia boreholes below existing ground level up-to 30 m depth.

(b) Collection of Undisturbed Samples (UDS) at every 3 m depth for each borehole as per IS:2132 (1986). Sample should be collected in new shelly (provided by contractor) as per Indian Standard.

(c) Performing Standard Penetration Tests (SPT) at every 3 m depth for each borehole as per IS: 2131 (1981).

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 institute in any circumstances. The contractor has to arrange for water tanker at its own.

6. Mud Disposal:

The bore will be constructed in the city of Silchar. Due to city conjunction and space problem in the city, 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.

PRE QUALIFYING CRITERIA:

1. EMD in the form of Pay Order or Demand Draft in favour of Director, NIT Silchar payable at SBI, NIT Silchar Branch must be submitted in a separate envelope. **Tender not accompanied with EMD/ EMD submitted in any forms other than PO & DD will not be accepted.**
2. Only the reputed agencies /firms with valid registration are eligible for submission of the tender.
3. Complete tender in all respects duly signed & stamped on each and every page by the authorized signatory of the bidder as a token of acceptance of all the terms and conditions of tender.
4. The bidder's average annual financial turnover during the last three financial years ending 31st March 2016 should be at least 5.50 lakhs. Certified copy of duly audited Balance Sheet and profits & loss Account statement for the FY 2013-14, 2014-15 & 2015-16 must be submitted.
5. The bidder should have experience in successfully completion of similar works. Copies of Pos/award letters along with the proof of satisfactory completion/performance in support of experience for the works executed by the bidders must be submitted. NIT Silchar reserves the right to cross check the documents from the issuing department.
6. Bidder must submit acknowledgement of IT return of last three financial years i.e. FY . 2013-14 & 2014-15 & 2015-16.
7. The Bidder must submit the copy of the PAN card.
8. Bidder should have the service tax registration no. if the services come under the net of Service Tax. Copy of the same must be submitted, if applicable.
9. In case of Partnership, copy of registration with Registrar of Firms to be submitted and in case of company certificate of incorporation is to be submitted.
10. In case of Firm/Companies the tender documents must be signed by a authorized signatory or a person holding a valid power of attorney and a copy of such power of attorney should be attached with the technical offer.
11. The Bidder must Submit a declaration (enclosed at Annexure –F1), that no case is pending with the police/ court against the proprietor/ firm/ partner or the company (Agency). As well as the bidder has not been suspended / blacklisted by any organization.
12. No deviation certificate as per Annexure –F2 (enclosed) must be signed and stamped.
13. Bidder must submit the technical details in the enclosed format (Annexure-F3).
14. Bidder must submit the bidder's details in the enclosed format (Annexure-F4).
15. Bidder must submit the check list enclosed at annexure-F5 after duly filled and signed.
16. Price bids of only those bidders, whose bids are found technically acceptable, will be opened. The opening date for price bid will be informed to the technically qualified bidders separately by phone, post or e-mail.

GENERAL CONDITIONS:

1. Tenders received late /in open condition/without EMD & Cost of Tender/ not meeting the tender Condition / incomplete in any respect will be rejected.
2. The rate should be indicated both in words and figures. All entries in the Tenders must be written clearly typewritten. Over-writing should be avoided. Corrections, if any, should be attested with signature by the bidder.
3. **Validity of rates will be 6 months from the date of opening of tender (Technical Bid)**
4. Prices quoted by the bidder should be inclusive of all taxes, freight, carrying charges, loading & unloading charges etc. but, excluding Service Tax (If any). However, the Service Tax will be paid by NIT Silchar on actual after submitting documentary proof only.
5. NIT Silchar reserves the right to go for REVERSE AUCTIONING to get the most competitive rate.

6. Work will be awarded on overall lowest bidder. However NIT Silchar reserves the right to cancel/scrap the tender without assigning any reason whatsoever. The rate will be quoted in figure as well as in words .
7. If any information/documents submitted by the firm are found false/fake at any stage, the tender will be cancelled and earnest money deposited shall be forfeited.
8. **Liquidated damage for delay in completion of work** : Extension of time for completion of work may be granted by NIT Silchar where delay is not attributable to the contractor. In case the contract is not completed within the schedule date of completion , a penalty of ½% per week subject to maximum of 10% of the contract value will be deducted as Liquidated damage.
9. **Liquidated damage for quality of work** : If the quality of item(s) is not satisfactory, NIT Silchar reserves the right to impose the LD up to 10% of the work order value.
10. The payment of final bill will be made as per accepted rates for the satisfactory work done as per details given in item & its specification. No advance payment will be made by NIT silchar.
11. The payment of final bill will be made only after obtaining certificate of satisfactory completion of work . No. claim will be entertained after signing of the final bill.
12. All payment will be subject to deduction of taxes at source as per applicable rules.
13. Bidders are advised to study carefully the tender documents and the conditions before quoting their bid. All the pages of the tender document should be signed by the bidders as a token of acceptance.
14. No party shall be permitted to tender for work in NIT Silchar in which any of their near relatives is an employee connected with the award and execution of the contract. They shall also intimate the names of persons who are working with them in any capacity or subsequently employed by them and who are near relatives of any employee of the NIT Silchar. Any violation of this condition which comes to the Notice of the NIT Silchar after the contract is awarded will entitle the NIT Silchar to treat the contractors as having committed a breach of contract and to exercise all the rights and remedies available to the NIT Silchar on account thereof.
15. **EARNEST MONEY DEPOSIT (EMD)** : The EMD in the form of Pay order or Demand Draft in favour of "*Director NIT Silchar*", payable at State Bank of India, NIT Silchar Branch will only be acceptable. Tenders not accompanied with EMD/ EMD submitted in any forms other than PO & DD will not be accepted. Earnest Money Deposit shall be returned shortly to all un-successful bidders after award of work The EMD does not carry any interest. The tender not accompanied with EMD will be rejected. The Earnest Money is liable for forfeiture in the event of:
 - a) The tenderer revokes his tender within the validity period or increase his earlier quoted rates
 - b) The tenderer does not commence the work within the period as per LOI/ Contract
16. The contractor shall not be entitled to any interest with respect to the EMD or any money which may be due to him from NIT Silchar to make progress or other payments.

Sd/-
REGISTRAR
NIT SILCHAR

DECLARATION

I / We hereby declare that no case is pending with the police/ court against the proprietor/ firm/ partner or the company (Agency). Also I /We have not been suspended / blacklisted by any PSU / Government Department / Financial Institution / Court.

(Signature & seal of the contractor)

Place:

Date:

NO DEVIATION CERTIFICATE

Notwithstanding anything mentioned in our bid, we hereby accept all the terms and conditions of this tender and we do not have any deviation to this tender enquiry. We hereby undertake and confirm that we have understood the scope of work properly and shall be carried out as mentioned in this tender enquiry.

(Signature & seal of the contractor)

Place:

Date:

TECHNICAL BID**ANNUAL TRUN OVER (IN INR)**

2015 – 16	2014 – 15	2013 – 14

EXPERIENCE

No. of Works	Value	Customer Name

SIMILAR WORKS

Work done	No. of Works	Value	Customer Name

PAN CARD NO. :

SERVICE TAX NO. :

INCOME TAX RETURN

2015 – 16	2014 – 15	2013 – 14

EMD DETAILS

CHEQUE / DD / PAY ORDER No.	Date	Amount

WORK IN HAND AND VALUE (NAME OF THE CUSTOMER ALSO TO BE GIVEN)

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Note: Copies of all documents to be attached**(Signature & seal of the contractor)**

Place:

Date:

BIDDERS DETAILS

Name of the Contractor /Party/ Firm	:	<input type="text"/>
Name of Authorized Representative	:	<input type="text"/>
Phone Nos.	:	<input type="text"/>
Mobile Nos.	:	<input type="text"/>
Fax No.	:	<input type="text"/>
E-Mail Address	:	<input type="text"/>
Web Site Address (If Any)	:	<input type="text"/>

(Signature & seal of the contractor)

Place:

Date:

CHECK-LIST (TECHNICAL BID)**SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER**

S. No	Description of Requirement	Yes / No / NA	Page No.
1.	EMD in the form of Pay order or Demand Draft in favour of “Director, NIT Silchar” in a separate envelope		
2.	Details of work experience, satisfactory work performance certificates		
3.	Copies of the audited Balance sheet and Profit & Loss account statement of last three financial years i.e. 2013-14, 2014-15 & 2015-16 duly certified by CA		
4.	Acknowledgement of I-T return of last three financial years i.e.2013-14, 2014-15 & 2015-16		
5.	Copy of the PAN card.		
6.	Copy of Service Tax registration certificate		
7.	In case of Partnership, copy of registration with Registrar of Firms		
8.	In case of company certificate of incorporation		
9.	In case of Firm/Companies a copy of power of attorney		
10.	Declaration enclosed at Annexure – F1		
11.	No deviation certificate enclosed at Annexure – F2		
12.	Technical details as per Annexure-F3		
13.	Bidder’s detail as per Annexure- F4		
14.	All the pages of tender document have been signed		
15.	Sealed envelope of price bid submitted.		

(Signature & seal of the contractor)

Place:

Date:

PRICE SCHEDULE

Prices of the work and material must be as per tender specifications. Prices must be including excise, taxes, VAT, packing and forwarding insurance, freight, loading and unloading charges etc.

Sr. No.	Description	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)
1	Drilling of 150 mm dia boreholes through all kinds of soil upto 30 m as per IS: 1892 (1979)		m		
2	Conducting Standard Penetration Tests in boreholes at every 3 m depth interval as per IS: 2131 (1981)		Nos.		
3	Collecting Undisturbed Soil Samples from boreholes at every 3 m depth interval as per IS: 2132 (1986)		Nos.		
4	Collecting Disturbed Samples wherever Undisturbed Samples are not encountered		Nos.		
5					
Total (in Rs.)					
Grand Total (in Rs.)					
Rs. in words					

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

Sites: Silchar city
Stamp

Tenderer's Signature &

I/ we have gone through all the Special & General Conditions and the contractor's obligations enclosed with this tender document and agree to abide by these.

Note: In case of discrepancy in rates between figure & words the higher will be taken for evaluation of bid and lower value will be taken for award of work.

(Signature & seal of the contractor)

Place:

Date: