

Centre for Industrial Consultancy and Sponsored Research (IC & SR)

IIT Madras

INVITATION FOR BID

For and on behalf of IC & SR, IIT Madras, sealed tenders are invited in Duplicate under Single Part Tender System for the following project:-

1)	Description:	Field survey of near shore slope along IGCAR coastal stretch, tide & wave measurements (Detailed scope of work as mentioned under Section-III of this specification).
2)	Specification No.	OED/2013/026/IGCA/JSM
3)	Earnest Money Deposit:	Nil
4)	Last date for Submission of Bid:	16.00 Hrs. IST on 20.12.13
5)	Date & Place of Opening of technical bid:	16.01 Hrs. IST on 20.12.13 Conference room, Department of Ocean Engineering, IIT Madras, Chennai 600036 If the due date happens to be a holiday, the tender will be received & opened on the next working day. The date of opening of the commercial bid will be on the same day or will be informed on the day of technical bid opening.
6)	Validity of offer:	90 days from the date of opening.
7)	Method of submission of tender:	Two Cover System.
8)	Number of tender offer copies to be furnished:	Two
9)	Clarifications to be obtained from:	Prof. J.S. Mani Project Coordinator Department of Ocean Engineering IIT Madras, Chennai - 600 036 Tamil Nadu. Phone no.: 044- 2257 4806

		Email.: jsmani@iitm.ac.in
10)	Cost of Tender Document	Nil
11)	Tender Inviting Authority:	The Dean, IC & SR IIT, Madras, Chennai – 600 036 Telephone No: (91) (44) 2257 8061 Fax No: (91) (44) 2257 0545

jsmani

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SECTION -I
INSTRUCTION TO BIDDERS

1.1 General:

Separate sealed competitive bid under "Two Cover Tender" is invited in Duplicate by the under mentioned for and on behalf of IIT Madras for the following work:

(i) Field survey of nearshore bathymetry, beach profiles, directional wave and tide measurements for Kalpakkam Coast.

1.2 Specification:

1. The project requires conducting nearshore bathymetry survey from LTL upto 8 m depth into the sea. The survey shall be carried out covering 9 km distance along the coast and 8 m depth into the sea , with a spacing of 25 m c/c between the transects.
2. Beach profiling by RTK survey should be carried out from LTL to the nearest beach berm. The measurement shall be carried out covering 9 km along the coast , with a spacing of 25m c/c between the transects.
3. Directional wave measurement during the above period should be carried out.
4. Tidal measurement using self recording tide gauge during the above period should be carried out.

1.2.1 **Specification No:** OED/2013/026/IGCA/JSM

1.3. Eligible Bidders

1.3.1

This *Invitation for Bids* is open to all bidders.

1.3.2

All bidders shall provide in Section II (Page 8, Forms of Bid and Qualification Information

1.3.3

Government-owned enterprises in the Employer's country may only participate if they are legally and financially autonomous, operate under commercial law and are not a dependent agency of the Borrower or Sub-borrower.

1.3.4

Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Bank in accordance with sub-clause 37.1.

1.4 Cost of Tender Document: Waived

1.5 EARNEST MONEY DEPOSIT (EMD): Nil

1.6 Schedules for Receipt and Opening of Bid:

- a) Last date and time for receipt of bids : 16.00 Hrs. IST on 20.12.13
- b) Date and time for opening of technical bid: 16.01 Hrs. IST on 20.12.13
- c) The date of opening of commercial bid might be on the same day or will be decided on the day of opening of technical bid.

1.7 Submission of Tender:

Tender should be furnished in sealed cover, super-scribed as "Field survey for Kalpakkam Coast".

The offer should be addressed to:

Prof. J.S. Mani
The Project Coordinator
Department of Ocean Engineering
IIT Madras, CHENNAI - 600 036, TAMIL NADU

and if handed over in person, the same shall be handed over at **Rm.101, Department of Ocean Engineering, IIT Madras** on or before the due date and time specified above.

1.7.1

The Bidders have the option of sending the bid by Registered post, Courier or submitting the bid in person, so as to ensure that the bids are received in the specified office of the Purchaser, by the date and time indicated in the Sl.No.1.5 above. Bids submitted by Telex/ Fax/ Telegram/e-mail etc. will not be accepted.

1.8 Opening of Tender

The tenders will be opened at **Conference room, Department of Ocean Engineering, IIT Madras** on the due date and time prescribed in the presence of such of those tenderers who may desire to be present. If the due date for tender opening happens to be a holiday, the tenders will be opened on the next working day.

The individuals attending the opening of tenders should be duly authorized by the participating firms in the tender.

If the tenderer has any doubt about the meaning of any portion of this specification, he may address the Project co-ordinators which should reach at least one week before opening of this tender. Any clarification received after this date will not be entertained.

1.9 Tender Inviting Authority

**THE Dean,
IC & SR IIT, Madras, Chennai – 600 036**

Telephone No: (91) (44) 2257 8061

Fax No: (91) (44) 2257 0545

SECTION – II

COMMERCIAL AND TECHNICAL CONDITIONS

2.1 GENERAL

The scope of services shall be as detailed in Section - III of this specification.

2.2 LOCATION

IGCAR is located at Kalpakkam of Kancheepuram district in the state of Tamilnadu. The site is about 40km south of Mahabalipuram.

2.3 COMPLETENESS OF TENDER

The tender should be complete in all aspects. The tenderer shall furnish all relevant details called for in the specification with supporting documents wherever required for considerations by IC & SR. The tenders not containing the complete details as requested in the specification are liable for rejection.

2.4 PRICES

Tenderers shall quote FIRM Price only. Shall quote price in the respective schedule as prescribed in the specification.

2.5 VALIDITY OF TENDERS

Tenders should be valid for acceptance for a period of at least ninety (90) days from the date of tender opening. In case any bidder quotes a lower validity period than that called for, his offer shall be liable for rejection. In exceptional circumstances, the purchaser may solicit the bidder's consent to an extension of the period of the validity. The request and response thereto shall be made in writing (including fax or telex).

2.6 PAYMENT TERMS:-

- 50% advance payment along with the work order
- 25% on submission of draft report
- 25% on final report submission

2.6.1 Payment will be made by Cheque / Bank transfer on any one of the commercial banks or their branches in India as may be decided by IC & SR from time to time. If the contractor requests for DD payment, Exchange Commission for issue of bank draft will be to the account of the consultant.

2.6.2 Offers agreeing to the above terms of payment will be preferred. IC & SR may reject the offers with other terms of payment.

2.7 Schedule of Submission of Report:

Submission of Draft report : 2 months from the date of award of work

Submission of final report : 2 weeks from the receipt of comments from IIT Madras

2.8 FORCE MAJEURE

2.8.1

Neither the Contractor nor the Purchaser shall be considered in default in performance of its obligations hereunder if such performance is prevented or delayed for any causes beyond the reasonable control of the party affected, such as war, hostilities, revolution, riot, civil commotion, epidemic, major fires, explosions, floods, earthquakes or because of any law, order, proclamatory regulations or ordinance of Government or because of any act of God, provided notice in writing of such cause with necessary evidence that the obligation under the Contract is thereby affected or prevented or delayed, is given within 14 days from the happening of the event and in any case it is not possible to serve the notice within 14 days period, then within the shortest possible period without delay. In case the force majeure conditions prolong beyond a continuous period of 6 months, the Purchaser shall be entitled to decide the further course of action including revisions in the terms of Contract, if any.

2.8.2

As soon as the cause of Force Majeure has been removed, the party whose ability to perform its obligation has been affected shall notify the other party the actual delay occurred on account of such activities.

2.8.3

Although the time for completion of work shall be suitably extended (not exceeding the period during which the work was stopped on account of

Force Majeure clause), such extension shall not result in any financial claim by the Contractor against the Purchaser or any account of such a delay for any other reason whatsoever.

2.9 LIQUIDATED DAMAGES AND PENALTIES

The delivery/completion period given in the clause 2.7, "Period of contract" shall be guaranteed under liquidated damages clause given below:

2.9.1

If the Contractor fails to complete the works within the time fixed by the purchaser in the purchase/acceptance order of the contract or any extension there of, the purchaser shall recover from the contractor as Liquidated Damages, a sum of half percent (½%) of the Contract price of the delayed portion of the work for each completed week of delay and the total Liquidated Damages thus recovered shall not exceed 10% of the Total Contract price.

2.9.2

If the contractor has not completed the supply/work or has only supplied/ executed the work in part, which could not be beneficially used by the IC & SR (due to incomplete supply/execution), Liquidated damages will be worked out and deducted on the basis of the entire contract price and not on the value of the delayed portion.

2.9.3

The defaulting contractors are liable to pay to the IC & SR, in addition to the Liquidated damages for delay, the actual difference in price, wherever IC &SR orders the delayed quantity to be supplied / executed by other agencies at a higher rate.

2.10 SERVICE TAX & INCOME TAX

The price quoted shall be firm and shall be inclusive of all statutory levies and taxes including service tax. Necessary income tax will be deducted at source on each bill as per the regulations in force. If the Institution is exempted from payment of income tax, the documentary evidence for the same has to be furnished.

2.11 JURISDICTION FOR LEGAL PROCEEDINGS

No suit or any proceedings in regard to any matter arising in any respect under this contract shall be instituted in a Court Save in the City Civil Court of Chennai or the Courts of Small Causes at Chennai. It is agreed that no other courts shall have jurisdiction to entertain any suit or proceedings even though part of the cause of action might arise within their jurisdiction. In case any part of cause of action arises within the jurisdiction of any of the courts in Tamil Nadu and not in the courts in the Chennai City, it is agreed to between the parties that such suits or proceedings shall be instituted in a court within Chennai and no other court outside Chennai shall have jurisdiction, even though any part of the cause of action might arise within the jurisdiction of such courts.

The bidders shall furnish an undertaking in a non-judicial stamp paper of value Rs.80/- agreeing to the above condition as per schedule furnished in Annexure-II.

2.12 ARBITRATION

Arbitration is not applicable to this contract.

2.13 SPECIAL CONDITIONS

The tenderers should clearly indicate their acceptance or otherwise to the following terms and conditions.

1. Specific acceptance of IIT's terms of payment.
2. IIT's terms of Liquidated damages for delay in completion of work.
3. Validity of tender.

If no indication is given by the tenderer in his offer, it is presumed that the tenderer is agreeable to the terms and conditions of IC & SR mentioned in the specification.

All information in the bid shall be in ENGLISH only. All corrections, over typing etc. in the tender should be attested.

Tenderers are advised to post sufficiently early so as to ensure that the tenders reach this office in time. Tenders though posted in time but delayed in transit by post will not be considered, if received after the due date and time.

2.14 DEVIATIONS IN TENDER

Offers which conform to the specification without any deviation will be preferred. If the tenderer wants to deviate from any of the terms and conditions, the same shall be mentioned clearly.

2.15 REJECTION OF TENDERS

IIT Madras reserves the right

- a) Not to accept the lowest or any tender.
- b) To reject any or all the tenders without assigning any reasons thereof.
- c) To relax or waive any of the conditions stipulated in the tender specification as deemed necessary in the best interest of the project for good and sufficient reasons.
- d) To revise the quantum of works/completion period of work of any or all the items covered by this enquiry during the pendency of contract and to terminate the contract in between the agreed stipulated period.

2.16 EVALUATION AND COMPARISON OF TENDER OFFERS

- a) The evaluation of the Tender will be done as per IIT Madras guidelines IC & SR.
- b) The evaluation shall include contract value of works with applicable sales/service tax, etc.,
- c) In case of discrepancy between the prices quoted in words and in figures, the lower of the two shall be considered.

SECTION – III

TECHNICAL SPECIFICATION

CONSULTANCY SERVICES FOR:

1.0 Field survey of nearshore slope along IGCAR coastal stretch and tide & wave measurements

2.0 Specification:

1. The project requires conducting nearshore bathymetry survey from LTL upto 8 m depth into the sea. The survey shall be carried out covering 9 km distance along the coast and 8 m depth into the sea , with a spacing of 25 m c/c between the transects.
2. Beach profiling by RTK survey should be carried out from LTL to the nearest beach berm. The measurement shall be carried out covering 9 km along the coast , with a spacing of 25m c/c between the transects.
3. Directional wave measurement during the above period should be carried out.
4. Tidal measurement using self recording tide gauge during the above period should be carried out.

SCHEDULE OF FEES - I

SPECIFICATION NO. OED/2013/026/IGCA/JSM

Name of the Work:

**Field survey of near shore slope, tide & wave measurements along
IGCAR coastal stretch, Kalpakkam, Tamilnadu**

Sl. No.	Description	Prices in Rs.
1.	<p>Lump sum Charges for Field survey of nearshore slope along Kalpakkam coastal stretch and tide & wave measurements</p> <p>The fees shall be inclusive of the following and all other taxes including service tax:</p> <ul style="list-style-type: none">(1) Expert Fees(2) Travel and living expenses(3) Computer charges(4) Local transport(5) Boarding, lodging and taxes & duties(6) Three (3) copies of Draft & final report(7) Computer soft copies of the Reports and Drawings	

SIGNATURE :
NAME :
DESIGNATION :
DATE :
PLACE :
SEAL

ANNEXURE-I

UNDERTAKING TOWARDS JURISDICTION FOR LEGAL PROCEEDINGS (NON JUDICIAL STAMP PAPER VALUE RS.80/=)

This undertaking executed at.....
on this..... (Date)..... (Month) Two thousand and by
M/sRegistered under Companies Act,
1956 having its registered office at
hereinafter called the contractor (which expression shall where the context so
admits mean and include its successors in office and in favour of Tamil Nadu
Generation and Distribution corporation Limited, a company incorporated
under the company Act 1956, having its registered office at No. 144, (Old NO.
800), Anna Salai, NPKRR Maaligai, Chennai-600 002 herein after called the
purchaser (which expression shall where the context so admits means and
includes its successors if Office and assigns).

WHEREAS a contract for the supply ofhas been awarded in
favour of the contractor under the Purchase order No.....dated.....

AND WHEREAS in accordance with the terms of the above Purchase order, the
contractor has to furnish un undertaking to the effect that no suit or any
proceedings in regard to any matter arising in any respect under this contract
shall be instituted in any matter in any respect under this contract shall be
instituted in any court other than in the High court, Madras of District court at
..... or Sub-court ator at the District Munsiff court at
..... as the case may be.

IN CONSIDERATION of the Board having agreed to accept the undertaking the
contractor hereby undertakes that no suit or any proceedings in regard to any
matter arising in respect of this contract shall be instituted in any court, save in
the High court , Madras or District court at.....or sub court at
..... Or at the District Munsiff court atas the case
may be it is agreed that no other court shall have jurisdiction to entertain any
suit or proceedings, even though , part of the cause of action might arise
within their jurisdiction. In case any part of the cause of action might arise
within the jurisdiction of any other Courts in Tamil Nadu and rest within the
jurisdiction of Courts outside the State of Tamil Nadu , then it is agreed to
between the parties that such suits on proceedings shall be instituted in a court
within the State of Tamil Nadu and no other Court outside the State of Tamil
Nadu shall have jurisdiction.

IN WITNESS WHEREOF Thiru.....of
M/s hereby put his hand and seal for due observance of the
undertaking in the presence of the following witnesses

COMPANY SEAL		SIGNATURE	:
DESIGNATION	:		
COMPANY	:		
DATE	:		

WITNESSES:
1)
2)

APPENDIX-I

(See Clause 2.1.3)

TECHNICAL PROPOSAL

Form-1

Letter of Proposal
(On Applicant's letter head)

(Date and Reference)

To,
Prof. J.S.Mani
Dept. of Ocean Engineering
IIT Madras
Chennai 600036
Tamil Nadu

Sub.: Field survey of nearshore bathymetry, beach profiles, directional wave and tide measurements for Kalpakkam Coast.

Dear Sir,

With reference to your Invitation I/we, having examined all relevant specifications, terms and conditions, hereby submit our Proposal for the Field survey of nearshore bathymetry, tide and wave measurements.

All information provided in the Proposal and in the Appendices are true and correct and all documents accompanying such Proposal are true copies of their respective originals.

This statement is made for the express purpose of appointment as the Field Surveyor for the aforesaid Project.

In the event of my/our firm being selected as the Consultant, I/we agree to enter into an Agreement in accordance with the form at Annexure-I bid document.

The Financial Proposal is being submitted in **a separate cover** for Option A/B (strike out whichever is inapplicable. This Technical Proposal read with the Financial Proposal shall constitute the Application which shall be binding on us.

I/We agree and undertake to abide by all the terms and conditions of the Invitation for bid. In witness thereof, I/we submit this Proposal under and in accordance with the terms of the Invitation for bid.

Yours faithfully,

(Signature, name and designation of the Authorised Signatory)
(Name and seal of the Applicant / Lead Member)

APPENDIX-I

Form-2

Particulars of the Applicant

(The information to be filled in by the Bidder in the following page will be used for purposes of qualification.)

I. **for Individual Bidders**

1.3.1 Name of the firm:

1.3.2 Registration:

1.3.3 Principal place of business: -----

1.3.4 Previous experience of the Bidder, on works of a similar nature over the last three years.

<u>Project Name</u>	<u>Name of the Employer</u>	<u>Description of work</u>	<u>Contract No.</u>	<u>Value of contract (Rs. Million)</u>	<u>Date of issue of work order</u>	<u>Stipulated period of completion</u>	<u>Actual date of completion</u>	<u>Remarks explaining reasons for delay and work completed</u>
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1.3.5 Audited financial statement for last three years :
(Attach for the years 2009-10, 2010-11 and 2011-12)

APPENDIX-II

FINANCIAL PROPOSAL

Form – 1

Covering Letter

(On Applicant's letter head)

(Date and Reference)

To,
The Dean,
IC & SR,
IIT Madras,
Chennai 600036.
Tamil Nadu

Sub.: Field survey of nearshore bathymetry, beach profiles, directional wave and tide measurements for Kalpakkam Coast.

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I/We, _____ (Applicant's name) herewith enclose the Financial Proposal for the Field survey of nearshore bathymetry, tide and wave measurements for above.

I/We agree that this offer shall remain valid for a period of 90 (ninety) days from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature, name and designation of the Authorized Signatory)

Note: The Financial Proposal is to be submitted strictly as per Schedule-I and Schedule-II of the Invitation for bid.