

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 projects being developed by TANGEDCO:-

1)	Description:	<p>1) Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the establishment of Uppur Thermal Power Project (2 x 800 MW) in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu.</p> <p>2) Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the North Chennai Thermal Power Station Complex, Thiruvallur District, Tamil Nadu</p> <p>(Detailed scope of work as mentioned under Section-III of this specification).</p>
2)	Specification No.	OE/TNEB/2012/1.
3)	Earnest Money Deposit:	2% of cost price excluding any tax
4)	Last date for Submission of Bid:	16.00 Hrs. IST on 27.02.13
5)	Date & Place of Opening of technical bid:	<p>16.01 Hrs. IST on 27.02.13</p> <p>Rm.005, Ground Floor, Department of Ocean Engineering, IIT Madras, Chennai 600036</p> <p>If the due date happens to be a holiday, the tender will be received & opened on the next working day.</p> <p>The date of opening of commercial bid will be informed on the day of technical bid opening.</p>



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:	In Duplicate.
9)	Clarification to be obtained from:	<p>Prof. K. Murali The Project Coordinator Department of Ocean Engineering IIT Madras, CHENNAI - 600 036 TAMIL NADU Phone no.: 044- 2257 4816 Email.: murali@iitm.ac.in dr.murali.iitm@gmail.com</p> <p>(or)</p> <p>Prof. S. A. Sannasiraj The Project Coordinator Department of Ocean Engineering IIT Madras, CHENNAI - 600 036 TAMIL NADU Phone no.: 044- 2257 4817 Email.: sasraj@iitm.ac.in</p>
10)	Cost of Tender Document	Nil
11)	Tender Inviting Authority:	<p>The Dean, IC & SR IIT, Madras, Chennai – 600 036</p> <p>Telephone No: (91) (44) 2257 8061 Fax No: (91) (44) 2257 0545</p>



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SECTION -I
INSTRUCTION TO BIDDERS

1.1 General:

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

- (i) "Preparation of a Marine Environmental Impact Assessment / Environmental Management Plan Report (Marine EIA/EMP Report)" for the establishment 2 x 800 MW Uppur Supercritical Thermal Power Project in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu.
- (ii) "Preparation of a Marine Environmental Impact Assessment / Environmental Management Plan Report (Marine EIA/EMP Report)" for the establishment 1x 800 MW North Chennai Thermal Power Station complex in Thiruvallur District, Tamil Nadu.

1.2 Scope of work:

- (i) To assess the Marine Environmental Impact due to the cooling water intake and discharge for the proposed **Uppur Thermal Power Project** (2x800 MW) for the finalised location of the cooling water intake and outfall points based on marine impact assessment as per Ministry of Environment and Forests (MOEF), Government of India stipulations. Details of thermal dispersion modeling for the purpose of the above will be supplied by IIT Madras.
- (ii) To assess the Marine Environmental Impact due to the cooling water discharge for all the Power Stations discharging into the existing Pre-Cooling water channel of the North Chennai Thermal Power Station, viz., (1) Existing North Chennai Thermal Power Station Stage-I (3 x 210 MW), (2) Proposed North Chennai Thermal Power Project Stage-II (2 x 600 MW), (3) Proposed North Chennai Thermal Power Station Stage-III (1 x 800 MW), (4) Vallur Thermal Power Project (3 x 500 MW) – under execution and (5) Proposed Ennore SEZ Thermal Power Project (2 x 800 MW) and to suggest Marine Environmental Mitigation Measures for Environmentally safe discharge of the cooling water as per Ministry of Environment and Forests (MOEF), Government of India stipulations. Details of thermal dispersion modeling for the purpose of the above will be supplied by IIT Madras.



(As detailed in scope of services mentioned under Section-III of this specification).

1.2.1 Specification No: Oe /tneb /2012/1.

1.3. Eligible Bidders

1.3.1

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

1.3.2

All bidders shall provide their eligibility and credentials in Section 2 (Page 22, 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): 2% of cost price without tax

1.6 Schedules for Receipt and Opening of Bid:

- a) Last date and time for receipt of bids : 16.00 Hrs. IST on 27.02.13
- b) Date and time for opening of technical bid: 16.01 Hrs. IST on 27.02.13
- c) The date of opening of commercial bid will be decided on the day of opening of technical bid

1.7 Submission of Tender:

Tender should be furnished in two sealed covers, super-scribed as "Preparation of Marine EIA/EMP Report for (i) Uppur Thermal Power Project and (ii) North Chennai Thermal Power Station separately. The first cover should contain the technical bid. The second cover should contain the commercial bid. The commercial bid will be open only after confirming the technical bid is in line with the Invitation.



The offer should be addressed to:
Prof. K. Murali
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 to **ROOM No.005, 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 **Room No. 005, Ground Floor, 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.

1.9.5 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

- i. The Uppur Thermal Power Station is located in Uppur, Valamavoor and Thiruppalaikudi villages of Thiruvadanai Taluk, Ramanathapuram District in the State of Tamil Nadu. The site is about 28 kms north of Ramanathapuram Town.
- ii. The North Chennai Thermal Power Station is located in Ahipattu village, Thiruvallur Taluk, Tamil Nadu. The site is about 30 km north of Chennai city.

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 separately for each project in the respective schedules 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:-

Uppur Thermal Power Project & North Chennai Thermal Power Station:

- 10% advance payment along with the work order
- 15% on completion of field studies for first season
- 10% on submission of Draft REIA Report
- 10% on submission of Final REIA Report
- 15% on completion of field studies for second season
- 10% on completion of field studies for third season
- 10% on submission of Draft CEIA Report
- 10% on submission of Final CEIA Report
- 10% on clearance from MoEF

In case of delay in preparation/submission of Marine EIA/EMP Report as per MOEF Stipulations, the LD clause will be operated then and there at each and every stage of payments

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 IITM 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. IITM may reject the offers with other terms of payment.



2.7 Schedule of Submission of Report:

Submission of Draft Rapid Marine:	2 months from the date of award of EIA Report work
Submission of final Rapid Marine : Report	2 weeks from the receipt of EIA IITM's comments on the draft Rapid Report
Submission of draft Comprehensive: Marine EIA/EMP Report	12 months from the date of award of work
Submission of Final Comprehensive: Marine EIA/EMP Report	2 weeks from the receipt of IITM's comments on the draft Comprehensive Report.

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 ($\frac{1}{2}\%$) 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. SECURITY DEPOSIT

- 2.10.1.** Within 21 days of receipt of the letter of Acceptance, the successful bidder shall deliver to the Employer a Performance Security in any of the approved forms with warranty for an amount equivalent to 5% of the Contract price plus additional security for unbalanced Bids.
- 2.10.2.** The above Security Deposit shall be furnished within **10 days** from the date of acceptance of the Purchase order failing which the contract is liable for cancellation. In the event of acceptance of Security Deposit on delay, the interest at the rate of **22%** for the delayed period shall be paid by the Bidder.



2.11 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 Bidder is exempted from payment of income tax, the documentary evidence for the same has to be furnished.

2.12 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.

2.13 ARBITRATION

Arbitration is not applicable to this contract.

2.14 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 IITM 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.

2.15 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.

2.16 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.

2.17 EVALUATION AND COMPARISON OF TENDER OFFERS

- a) The evaluation of the Tender will be done as per IIT Madras guidelines.
- 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) Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the establishment of Uppur Thermal Power Project (2 x 800 MW) in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu &

(2) Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the North Chennai Thermal Power Station, Thiruvallur District, Tamil Nadu

3.0 SCOPE OF SERVICES:

Option-A

1. Collection of baseline data for physical, chemical and biological characteristics of the water body in the pre-cooling channel, Ennore creek and nearshore water body in the creek, viz., temperature, salinity, pH, Dissolved Oxygen, Biological and Chemical Oxygen Demand, Dissolved Nitrate, Nitrite, Ammonia, Dissolved phosphate, Total Nitrogen, Total phosphate and Sediment Quality, viz., Petroleum hydrocarbons and Trace Metals in sediments.
2. Collection of Meteorological Data.
3. Assessment of status of flora and fauna in the vicinity of the proposed facilities, viz., Microbiological studies, Phytoplankton, Zooplankton and Benthos and fishes.
4. Identification of potential impacts on marine ecology during construction and operation of marine facilities.
5. Evaluation of mitigation measures to minimize the impact of marine facilities on marine ecology during construction and operation.
6. Preparation of Marine Environment Management Plan and post project monitoring.

Option-B

1. All the above studies + tide and current measurement and reporting.

Uppur Thermal Power Project:

TANGEDCO is contemplating “Closed Cycle Cooling Water System” / for the Uppur Thermal Power Project. It is proposed to install a Desalination plant of 18 MLD to meet the internal requirement of fresh water in power plant.



It is proposed to have a Closed Cycle System with the sea water requirement of about 25,000 m³/hr. The above quantities are inclusive of the water requirement for the desalination plant. Tentative locations of the intake and outfall are given in Dwg.1.

North Chennai Thermal Power Station Complex:

Presently 3 units of 210 MW are under operation in the North Chennai Thermal Power Station Complex. The cooling water system is "Once Through" sea water cooling system for this power plant. The quantum of 90,000 m³/hr is discharged into the Pre-Cooling Channel of 4.5 km length and finally discharged into the Bay of Bengal.

Now TANGEDCO has proposed to establish (i) 2 x 600 MW North Chennai Thermal Power Project Stage – II and (ii) 1 x 800 MW North Chennai Thermal Power Project Stage – III within the NCTPS Complex. The NCTPP Stage – II units will be cooled through "Once Through System" and the NCTPP Stage – III unit will be cooled through "Closed Cycle System". The water requirement for NCTPP Stage – II is 2,00,000 m³/hr and for the NCTPP Stage – III is 10,000 m³/hr. The coolant water is proposed to be discharged into the NCTPS Pre-Cooling Channel. Tentative locations of the intake and outfall are given in Dwg.2.

TANGEDCO has also proposed to establish a 2 x 800 MW Ennore SEZ Thermal Power Project in NCTPS Ash Dyke area and the units have been proposed to cooled through "Closed Cycle System". The quantity of coolant water is about 15,000 m³/hr. The coolant water is proposed to be discharged into the NCTPS Pre-Cooling Channel.

TANGEDCO, in Joint Venture with M/s. NTPC is establishing 3 x 500 MW Vallur Thermal Power Project and the units have been proposed to cooled through "Closed Cycle System". The quantity of coolant water is about 20,000 m³/hr. The coolant water is proposed to be discharged at the mouth of the Pre-Cooling Channel.

The Consultant / contractor should assess the Marine Environmental Impact due to the cooling water discharge for all the above Power Stations discharging into the existing Pre-Cooling water channel of the North Chennai Thermal Power Station and suggest Marine Environmental Mitigation Measures for Environmentally safe discharge of the cooling water as per Ministry of Environment and Forests (MOEF), Government of India stipulations.

Based on the Rapid Marine EIA Study Report submitted by the consultant, TANGEDCO will apply for the statutory clearances from MoEF for Environmental clearance and CRZ clearance. Any clarification raised by the statutory authorities on the Report submitted seeking clearances for the project will have to be attended by the consultant and suitable guidance shall be given to TANGEDCO for obtaining clearance. The consultant has to attend Expert



appraisal committee meeting of Thermal committee and Infrastructure development committee of MoEF/New Delhi whenever required.

The inputs given by IIT / TANGEDCO, if any, for preparing the Reports are only guidelines and the Consultant shall make his own efforts to study the site conditions and offer the consultancy services. The omission of specific reference to any of the activities connected in the preparation of the above reports which is necessary for obtaining Statutory Clearances and satisfactory commissioning of the plant shall not relieve the contractor of his responsibility to provide such consultancy services to complete and at no extra cost.



COMMERCIAL BID
SCHEDULE OF FEES - I

SPECIFICATION NO. oe/tneb/2012/1-1

Name of the Work: Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the establishment of Uppur Thermal Power Project (2 x 800 MW) in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu

Sl. No.	Description	Prices in Rs.
1.	<p>Lump sum Charges for preparation of Rapid and Comprehensive Marine Environmental Impact Assessment / Environmental Management Plan Report and to indicate the suitable Cooling Water Intake and Outfall locations based on the Marine Study for establishment of 2x800 MW coal based supercritical Thermal power plant in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu.</p> <p>The fees shall be inclusive of the following and all other taxes including service tax:</p> <p>(1) Expert Fees (2) Travel and living expenses (3) Computer charges (4) Local transport (5) Boarding, lodging and taxes & duties (6) EIA studies as per scope of services (7) Three (3) copies of Draft Rapid Marine EIA/EMP Report (8) Forty (40) copies of Rapid Marine EIA/EMP Report(Hard &Soft) (9) Three (3) copies of Draft Comprehensive Marine EIA/EMP Report (10) Ten (10) copies of Final Comprehensive Marine EIA/EMP Report(Hard &Soft) (11) Computer soft copies of the Reports and Drawings (12) Attending Expert appraisal committee meeting of Thermal Projects and Infrastructure Development committee of MoEF/New Delhi whenever required. Any other facility required by TANGEDCO for the satisfactory execution and completion of the Consultancy Services.</p>	

Note:

Rate per additional copy of Marine EIA Report may be furnished separately
COMMERCIAL BID



SCHEDULE OF FEES – II

SPECIFICATION NO. oe/tneb/2012/1-2

Name of the Work: Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the North Chennai Thermal Power Station complex, Thiruvallur District, Tamil Nadu

Sl. No.	Description	Prices in Rs.
1.	<p>Lump sum Charges for preparation of Rapid and Comprehensive Marine Environmental Impact Assessment / Environmental Management Plan Report for the North Chennai Thermal Power Station complex, Thiruvallur District, Tamil Nadu.</p> <p>The fees shall be inclusive of the following and all other taxes including service tax:</p> <p>(1) Expert Fees (2) Travel and living expenses (3) Computer charges (4) Local transport (5) Boarding, lodging and taxes & duties (6) EIA studies as per scope of services (7) Three (3) copies of Draft Rapid Marine EIA/EMP Report (8) Sixty (60) copies of Rapid Marine EIA/EMP Report(Hard & Soft) (9) Three (3) copies of Draft Comprehensive Marine EIA/EMP Report (10) Twenty (20) copies of Final Comprehensive Marine EIA/EMP Report(Hard &Soft) (11) Computer soft copies of the Reports and Drawings (12) Attending Expert appraisal committee meeting of Thermal Projects and Infrastructure Development committee of MoEF/New Delhi whenever required. Any other facility required by TANGEDCO for the satisfactory execution and completion of the Consultancy Services.</p>	

Note:

Rate per additional copy of EIA Report may be furnished separately.

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 IIT Madras,
an Institution under Human Resources Department, Govt. of India, Chennai-600
036 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 or District court at
..... or Sub-court ator at the District Munsiff court at
..... as the case may be.

IN CONSIDERATION of IIT Madras 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 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,
Dean
IIT Madras
Chennai 600036
Tamil Nadu

- Sub.: (1) Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the establishment of Uppur Thermal Power Project (2 x 800 MW) in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu.
- (2) Preparation of Marine Environmental Impact Assessment Environmental Impact Management Plan Report for the North Chennai Thermal Power Station Complex, Thiruvallur District, Tamil Nadu.

Dear Sir,

With reference to your Invitation for bid dt. 06 Feb. 2013, I/we, having examined all relevant specifications, terms and conditions, hereby submit our Proposal for selection as EIA Consultant for the above studies.

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 EIA Consultant 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 format 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 Accreditation/ Registration with MOEF
[Attach copy]

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</u> <u>Name</u>	<u>Name</u> <u>of the</u> <u>Employer</u> <u>*</u>	<u>Descrip-</u> <u>tion of</u> <u>work</u>	<u>Contract</u> <u>No.</u>	<u>Value of</u> <u>contract</u> <u>(Rs.</u> <u>Million)</u>	<u>Date of</u> <u>issue of</u> <u>work</u> <u>order</u>	<u>Stipulated</u> <u>period of</u> <u>completion</u>	<u>Actual date</u> <u>of</u> <u>completion</u> <u>*</u>	<u>Remarks</u> <u>explaining</u> <u>reasons</u> <u>for delay</u> <u>and work</u> <u>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)

1.3.6 List of clients for similar projects completed/ ongoing in
the years 2009-10, 2010-11 and 2011-12

Sl.no	Completed	Ongoing
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- 1.
- 2.
- 3.
- 4.



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.: (1) Preparation of Marine Environmental Impact Assessment / Environmental Impact Management Plan Report for the establishment of Uppur Thermal Power Project (2 x 800 MW) in Thiruvadanai Taluk, Ramanathapuram District, Tamil Nadu.
- (2) Preparation of Marine Environmental Impact Assessment Environmental Impact Management Plan Report for the North Chennai Thermal Power Station Complex, Thiruvallur District, TamilNadu.

Dear Sir,

I/We, _____ (Applicant's name) herewith enclose the Financial Proposal for selection of my/our firm as EIA Consultant for above.

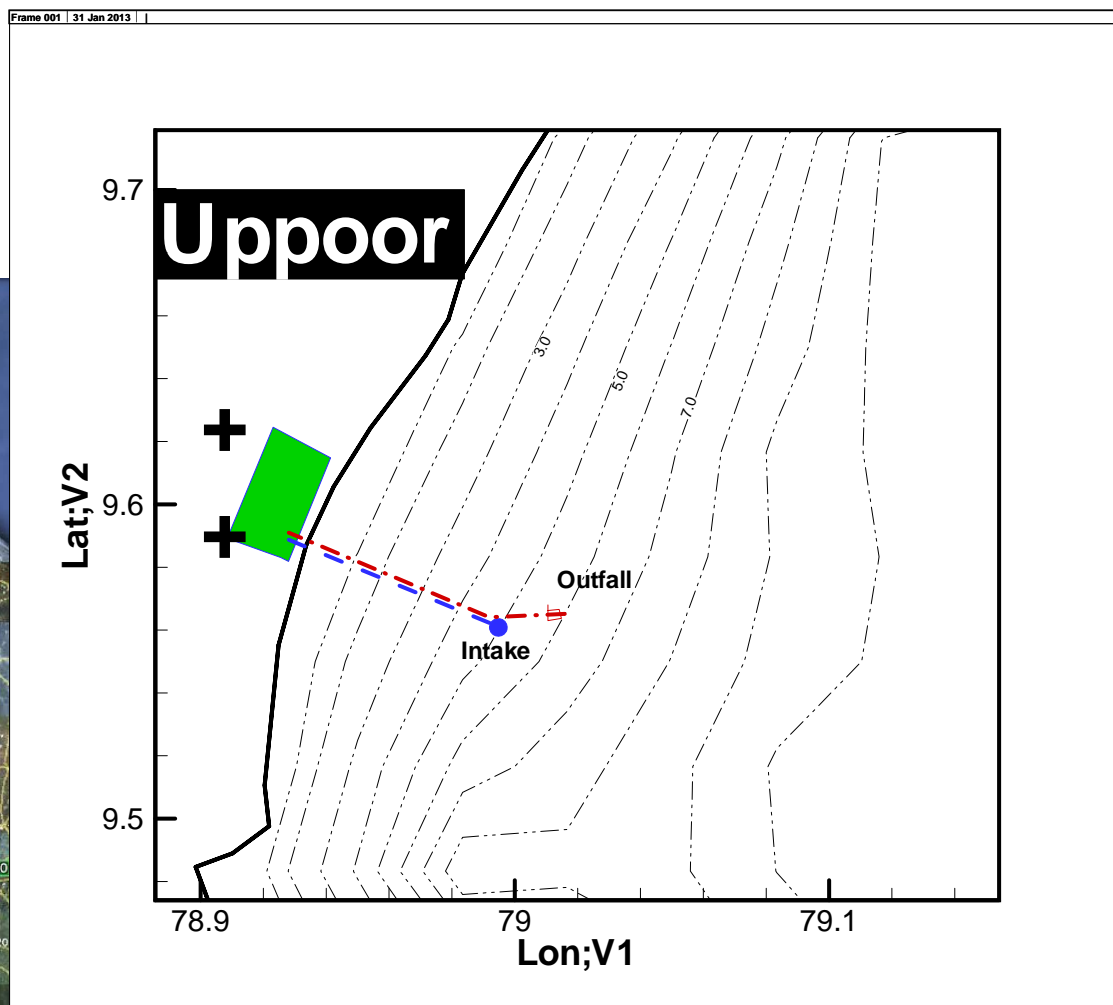
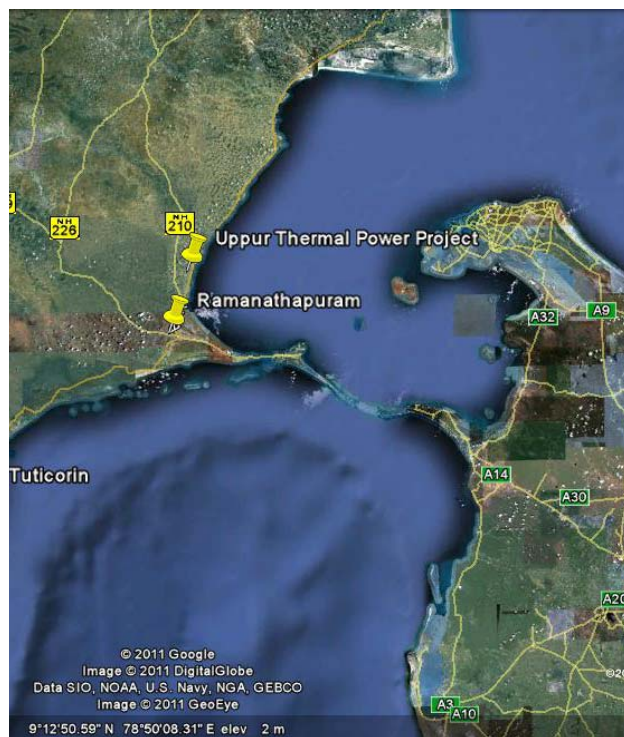
I/We agree that this offer shall remain valid for a period of 90 (ninety) days from the Proposal Due Date or such further period as may be mutually agreed upon.

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.





DWG.1 Location Map of UPPOOR TPS and Intake / Outfall.

[Handwritten signature]



DWG.2 Location Map of NCTPS pre-cooling channel.

A handwritten signature in blue ink, appearing to be "A. R. S.", located at the bottom left of the page.