



ENVIRONMENT PROTECTION TRAINING AND RESEARCH INSTITUTE (EPTRI)

(An autonomous Institute of Government of Telangana)

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Tender for Marine Impact Assessment for Kovvada Nuclear project

Date: 07-01-2019

Environment Protection Training and Research Institute (EPTRI), Gachibowli requires Notice Inviting Proposals from potential qualified consultancy agency / NABL or MoEF&CC accredited laboratory for providing consultancy services for Carrying out Marine baseline study of two seasons (winter and summer) for proposed Nuclear Power Project of 6 x 1208 MWe at Kovvada, Ranasthalam Mandal, Srikakulam District, Andhra Pradesh.

1. NPCIL awarded the work to conduct EIA studies to EPTRI for Kovvada Nuclear Power Project In the process to seek Environmental Clearance for the proposed project the marine baseline data needs to be collected for winter and summer seasons of 2018-19.
2. With this background EPTRI is calling for Tender from eligible bidders to assist EPTRI in carrying out the study. Interested parties are required to submit a techno commercial proposal for providing consultancy services for carrying out marine studies.
3. The EPTRI intends to hire a consultancy firm for the aforementioned assignment. Interested consultancy firms may download the related detailed, "Request for Proposal Document", which includes the Terms of Reference (ToR), Selection Criteria, etc. from website:www.eptri.com and submit technical and financial proposals in separate sealed covers mentioning the subject on top of the cover and send to EPTRI, Gachibowli, Hyderabad by **17-01-2019**.

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DETAILED REQUEST FOR PROPOSAL (RFP) DOCUMENT

For the Assignment: **Carrying out marine studies at Kovvada Nuclear power Project, Srikakulam, Andhra Pradesh for two seasons (winter and summer 2019).**

SECTION-1

TERMS OF REFERENCE / SCOPE OF SERVICES

1. Introduction

1.1. EPTRI has been entrusted by NPCIL with the work of EIA / EMP studies for Kovvada Nuclear Power Project in Srikakulam district, Andhra Pradesh State.

1.2. The EPTRI intends to hire a NABL or MoEF & CC accredited Laboratory for the aforementioned assignment.

2. Scope of Work

The scope of work shall include

- i. Baseline marine ecological assessment of the sea around the proposed nuclear power project.
- ii. The Scope of work covering various components shall be carried out in detail in a study area encompassing 16 km radius around the proposed project.
- iii. Establish marine baseline status for two seasons for the identified location. Data shall include history of tsunami, cyclone and any other hazards.
- iv. The baseline data related to marine shall be collected and analyzed for water quality and sediments.
- v. The offshore water samples will be collected at not less than 12 locations. The water samples shall be collected at surface, mid depth and bottom.
- vi. The analysis of water quality parameters shall cover pH, Temperature, Dissolved oxygen, Hardness, Ammonia, Inorganic Phosphates, Total Phosphates, Nitrites, Nitrates, total Nitrogen, Reactive Silicates, Silicate, Petroleum Hydrocarbons, Potassium, Chlorides, Calcium, Salinity, Alkalinity, Turbidity, Zinc, Iron, Copper, Cadmium, arsenic, Mercury.
- vii. The seabed sediment samples shall be collected at not less than 12 locations.
- viii. The analysis of sediment samples shall cover texture, total organic matter, total phosphorus, total nitrogen, calcium carbonate, cadmium, chromium, lead and mercury.
- ix. Sediment samples analysis should include Cadmium, Chromium, Lead and Mercury along with other parameters.
- x. Sampling shall be conducted at not less than 12 locations for biological quality parameters on phytoplankton biomass and group diversity, Zooplankton biomass, population and group diversity, benthic biomass, population and group diversity, coastal vegetation including mangroves, fisheries based on experimental trawling and available statistics and microbial population in water.
- xi. The start of sampling programme shall be communicated to EPTRI one week in advance. EPTRI staff member will be participating in the sampling programme.
- xii. Photographs covering the collection of samples of water, sediments, biological parameters, graphs etc., shall find place in the report.

- xiii. Participation in technical committee meetings constituted by Ministry, Environment & Forest, Public hearing and Andhra Pradesh Pollution control Board (APPCB), Andhra Pradesh Coastal Zone Management Authority and to provide replies to the relevant comments raised on study report.
- xiv. Defending before EAC meeting of MoEFCC for obtaining necessary Environmental Clearance.
- xv. Defending all the reports wherever and whenever required for obtaining Environmental Clearance from MoEFCC and from the competent authorities.

3. Terms and Conditions

The services of consultancy firm under each stage shall be treated as complete only after such services carried out by the consultancy firm are approved by EPTRI and accepted by the Competent Authority. Work shall be completed by the consultancy firm according to the time schedule agreed to. The works throughout the stipulated period of contract will be carried out with due diligence.

In the event of consultancy firm winding up or ceasing to exist or failing to complete the balance work within a mutually agreed or extended reasonable time frame, EPTRI will have the power to employ any other agency to complete the balance work at the proportionate cost originally assigned to consultancy firm.

In the event of failure on the part of consultancy firm to complete their work within a reasonable or extended time frame, as mutually agreed upon, committing a legally decreed breach of any one or more of the terms and conditions of the agreement, EPTRI will be entitled to rescind this agreement without prejudice to its rights to claim damages or remedies under the law & employ any other agency to complete the balance work at the proportional cost originally assigned to consultancy firm as per law. The case will be put forth to the Government or an arbitrator whose decision shall be binding on both parties.

EPTRI is not responsible for the equipment damage and loss during the complete study period.

The consultancy firm shall make its own arrangements for all the equipment needed for conducting requisite tests at project site.

4. Payments:

- The consultancy firm has to quote for their fees for carrying out the assignment following the Scope of Work as mentioned above.
- Service tax as applicable shall be payable extra.
- The above fee includes all charges/costs involved in completing the assignment including travel, boarding and lodging expenses.

5. Terms of Payment

- EPTRI shall pay the consultant the lump-sum fee quoted by the consultancy firm along with applicable taxes & duties.
- The payment towards the consultation fee will be made as per the following stages
- The payment shall be released season-wise (winter season - Dec 2018 to Feb 2019 and Summer season - March to May 2019).
- In each season, the payment shall be released on the basis of the progress of work and completion of work in the following three stages:
 - 50% of the order value on commencement of sample collection for the season on submission of Bank Guarantee (50 % of the first season quoted amount) shall be provided to EPTRI.
 - 40% of the order value on completion of field investigations.

- 10% of the order value within a month on submission of report subject to acceptance of the report by competent authority
- The same payment terms shall be applicable for second season except the condition of Bank Guarantee. The bank Guarantee received for the first season shall be released after due acceptance of the two seasons data by the competent Authority.
- The consultancy firm shall furnish the invoice at appropriate stage of work to EPTRI so as to make the payment.
- Deduction of tax/ statutory recoveries at the applicable rate as decided by Government from time to time will be deducted from the gross amount of each bill.

Note:

- a. The payments shall be in Indian Rupees.
- b. The lump sum fee are exclusive of all statutory taxes/levies applicable in India such as Service tax & cess thereon and/or any taxes/levies which may be introduced later and the same shall be payable extra as applicable.
- c. The fee quoted above shall be inclusive of all costs to be incurred by the consultancy firm in connection with this work including the cost of all visits to anywhere in India and all related cost to this consultancy assignment.
- d. All fees/ bills payable to the agency/party under this assignment will be paid within fifteen (15) days of receipt of invoices (supported by necessary documents regarding progress of work).The quoted value of the services mentioned hereto will remain firm up to the completion of the project in all respect.



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Section-2

QUALIFICATION CRITERIA

1. The consultant is required to meet the following criteria for acceptance of their offer:

- 1.1 Earnest Money Deposit (EMD)** along with technical Proposal by way of demand draft for an amount of Rs. 5,000/- (Rupees Five thousand only) shall be submitted along with the offer. There is no exemption from EMD.

TECHNICAL:

- 1.3.1 Duly filled-in and signed Technical Proposal Form-1 at Section-4
1.3.2 Format for submission of credentials for past experience of similar assignments

Name of Firm:						
Past experience of similar assignments:						
S. No.	Client's\ Name & Full Postal Address	Contact Person's Name, Designation, Phone & Fax Number	Description of Consultancy Service (Order Ref & Date)	Broad Scope of Services	Date of completion	Remarks
..						
Signature of Firm with seal & date						

Note: Documentary evidence/ proof of above information must be enclosed in shape of copy of work order & completion certificate.

- 1.3.3. Proof of NABL / MoEF & CC accreditation.

1.4 FINANCIAL:

- 1.4.1 The Annual Turn Over towards consultancy / environmental monitoring works services pertaining to EIA and related works should be preferably more than Rs. 25,00,000/- (Twenty Five Lakhs) in all the last three Financial Years (FY's)
- 1.4.2 The Net Worth of the company in the FY 2017-18 should be positive.
- 1.4.3 The consultancy firm or its Proprietor/Partner(s)/Director(s) of the firm should not have been convicted by a court of Law for an offence involving moral turpitude in relation to business dealings during the past two years for acceptance of the offer. The consultancy firm shall give an affidavit to this effect. The affidavit must be affirmed before the competent judicial authority or duly notarized by the Notary

Note: The consultancy firms are required to submit scanned copy (s) of the following:-

- a. Work order copy (Only brief work order)

Chartered Accountant certified statement of Annual Turnover for last three financial years along with Net-worth for the FY 2017-18.

Section-3

INSTRUCTION TO THE CONSULTANCY FIRMS

1. GENERAL:

- i) EPTRI shall not be liable for any mistake or error or neglect by the Bidder in respect of preparation and submission of his Bid.
- ii) The bidder shall bear all costs associated with the preparation or delivery of its Bid and for participating in discussions. EPTRI will in no case be responsible or liable for those costs and expenses regardless of the outcome of the bidding process.
- iii) The Bid and all correspondence incidental and related to Bid shall be written in English language. Any printed literature and document submitted in any other language shall be accompanied by authenticated English translation, in which case, for the purpose of interpretation of the Bid, English translation shall govern. Responsibility for correctness in translation shall lie with the agencies.
- iv) EPTRI reserves its right to call for original of the supporting documents for verification, if so deemed fit, and also cross-check for any details as furnished by the bidder from their previous clients etc. Bidder shall have no objection whatsoever in this regard.
- v) EPTRI reserves the right to make use of available in-house data for evaluation of the Bids that have been submitted against this request.
- vi) EPTRI will examine the Bids for its completeness, whether the documents have been signed, whether they are complete and whether the details furnished are generally in order. Incomplete bids are likely to be rejected.
- vii) Canvassing in any form by the agency or by any other agency on their behalf may lead to disqualification of their Bids.
- viii) EPTRI reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time without thereby incurring any liability to the affected Bidder(s).
- ix) EPTRI reserves the right to reject any Bid or Proposal if:
 - a) At any point of time, a material misrepresentation is made or uncovered for a bidder
 - b) The bidder does not respond promptly and thoroughly to requests for supplemental information required for the evaluation of the Bid or Proposal.
- x) No bidder shall contact EPTRI on any matter relating the Bid from the time of submission of Bid, unless requested so in writing.
- xi) EPTRI at its discretion may also hold further discussions with the prospective bidders to finalise the technical/commercial parameters and other related issues for the assignment, before submission of the Proposals, which would be common for all the Bidders.
- xii) While both the Parties (EPTRI and bidder) agree to the scope of work that has been outlined and the associated fee structure for various components of the Work which have been subcontracted/outsourced to Sub-Contractor, EPTRI reserves the right during the course of execution at its sole discretion, to take up any portion of the work and decide to execute it through its own resources. In case, EPTRI decides to take up such portion or component of the Work, then EPTRI shall convey its intention in writing, and the associated fees for that component shall be deducted pro-rata from the total fees payable to the Subcontractor for the said component of work. If the subcontractor has already completed a portion of that activity/ component then EPTRI agrees to pay the pro-rated portion the fees commensurate to the percentage of work completed on the specific work component.
- xiii) Termination of Contract: EPTRI reserves the right to terminate the contract at any stage in case of non compliance in terms of quality and meeting the terms and conditions of the agreement between EPTRI and the principal client. Further, EPTRI also reserves the right to terminate the contract for any reason what so ever at the directions of the Government.

- xiv) Time is the essence of the contract and Liquidated Damages @ 0.5% per week subject to a maximum of 10% shall be applicable. However in case of delay in completion of task due to reasons beyond the control of the bidder, suitable extension of time will be granted without any compensation to the bidder.
- xv) Tenders (Bids) with conditions and non-compliance are likely to be summarily rejected
- xvi) Though JV's will be accepted, preference will be given to individual firms / companies meeting the requirements over the JV's.
- xvii) All disputes are subject to Hyderabad jurisdiction only.

VALIDITY OF OFFER: The bid or proposal shall be valid for a period of **90 (Ninety) days** from the due date of submission of proposal.

OBLIGATIONS OF AGENCY: Services to be performed by the Consultant shall have to be strictly as per the scope of services as described above.

SUBMISSION OF TECHNICAL and FINANCIAL BID: Potential Firms must submit the Technical Proposal in sealed envelope along with the duly signed **Technical Proposal Form** and shall quote the price on lump sum basis as per the Financial Proposal form in a separate envelope (Refer Section-4 for formats).

EVALUATION PROCEDURE OF TECHNICAL PROPOSALS:

- **EVALUATION OF PROPOSALS:** The evaluation shall be based on **80% weight age for technical bid and 20% weight age for financial bid**. (It may not be necessarily the consultancy firm quoting the lowest price).
- Selection of the consultancy firm for execution of the assignment will be guided by the experience of the Consultants on similar job and availability of resources with the organization. The evaluation shall be based on 80% weight age for technical bid and 20% weight age for financial bid.
- The following need to be submitted for evaluation:
 - a) Approach to the study - 20 marks
 - b) Past experience of carrying out marine studies - 40 marks
 - c) NABL / MoEF & CC Accreditation – 30 marks
 - d) Experienced and skilled manpower - 10 marks.

SHORT LISTING OF PROPOSALS FOR FINANCIAL EVALUATION: The applicants ranked as aforesaid shall be qualified and shortlisted for financial evaluation in the second stage. The minimum score for technical qualification is **60** marks. However, if the number of such qualified firms is less than 2 (two), EPTRI at its sole discretion, may qualify another firm whose technical score is nearest to **60** marks.

EVALUATION OF FINANCIAL PROPOSAL: In the second stage the financial proposal evaluation will be carried out. Each financial proposal will be assigned a financial score (**SF**).

- For financial evaluation, the total cost indicated in the financial proposal (excluding Taxes, including GST) will be considered.
- EPTRI will determine whether the financial proposals are complete, unqualified and unconditional. The cost indicated in the financial proposal shall be deemed as final and deemed as reflecting the total cost of service (excluding GST).

Omissions, if any, in costing any item shall not entitle the consultant to be compensated and the liability to fulfill its obligations as per the ToR / Scope/ EoI within the total quoted price shall be that of the consultant.

- The lowest Financial Proposal (**FM**) will be given a score (**SF**) of **100** points. The financial scores of other proposals will be computed as follows:

$$\mathbf{SF} = 100 \times \mathbf{FM}/\mathbf{F} \text{ (where, } \mathbf{F} = \text{amount of Financial Proposal)}$$

Combined final evaluation: Proposals will finally be ranked according to their combined pre qualification (**ST**) and the financial (**S**) scores as follows:

$$\mathbf{S} = (\mathbf{ST} \times \mathbf{TW}) + (\mathbf{SF} \times \mathbf{FW})$$

Where, **TW** and **FW** are weights assigned to Technical and financial proposal and that shall be **0.8** and **0.2** respectively.

The selected firm shall be the firm having the highest combined score. The second highest firm shall be kept in reserve and may be invited at the discretion of EPTRI for negotiations in case the first ranked applicant withdraws, or fails to comply with the requirements, as the case may be.



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Section-4

Form-1: TECHNICAL PROPOSAL SUBMISSION FORM

(Shall be prepared in the letter head of the consultancy firm)

To:

**The Director General,
Environment Protection Training and Research Institute (EPTRI)
91/4, Gachibowli, Hyderabad – 500 032; Telangana.
Phone : +91-40-67567500, +91-40-67567552; Fax : +91-40-67567535
Email : dg@eptri.com, sdmukherji@gmail.com ; URL : www.eptri.com**

Dear Sirs:

We, the undersigned, offer to provide the consulting services for “**Carrying out marine baseline studies at Kovvada Nuclear power Project, Srikakulam, Andhra Pradesh for two season (winter Dec. 2018 to Feb 2019 and summer March to May 2019)**” in accordance with your Request for Proposal document dated [*Insert RFP Document No. and the issue date, as given in this document*] and our Technical Proposal.

“We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed in a separate envelope”.

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal a joint venture with: (Insert a list with full name and the legal address of each member, and indicate the lead member). We have attached a copy (insert: “of our letter of intent to form a joint venture” or, if a JV is already formed, “of the JV agreement”) signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture. {OR If the Consultant’s Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and address of each Sub-consultant.}}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the EPTRI and/or may be Black Listed.
- (b) Our Proposal shall be valid and remain binding upon us for the period of sixty (60) days from the date of opening of the proposals.
- (c) We have no conflict of interest in accordance with EPTRI.
- (d) We meet the eligibility requirements and qualification criteria as stated in the RFP document, and we confirm our understanding of our obligation to abide by laws of India with regard to corrupt and fraudulent practices. In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in India.
- (e) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.
- (f) We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment within seven (7) days after signing of the contract agreement.

We understand that the EPTRI is not bound to accept any Proposal that the Client receives and annul the procurement process, without assigning any reason thereof and without any liability to the consultancy firms who have responded the RFP.

Yours sincerely,

Authorized Signature {In full and initials}:

Name and Title of Signatory:

Name of Consultant (company’s name or JV’s name):

In the capacity of:

Address:

Contact information (phone and e-mail):

{For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached}

Form-2: FINANCIAL PROPOSAL SUBMISSION FORM

(Shall be prepared in the letter head of the consultancy firm)

To:

**The Director General,
Environment Protection Training and Research Institute (EPTRI)
91/4, Gachibowli, Hyderabad – 500 032; Telangana.
Phone : +91-40-67567500, +91-40-67567516 ; Fax : +91-40-67567535
Email : dg@eptri.com, sdmukherji@gmail.com URL : www.eptri.com**

Dear Sirs:

We, the undersigned, offer to provide the consulting services for “**Carrying out marine baseline studies at Kovvada Nuclear power Project, Srikakulam, Andhra Pradesh for two season (winter Dec. 2018 to Feb 2019 and summer March to May 2019)**” in accordance with your Request for Proposal document dated [Insert RFP Document No. and the issue date, as given in this document] and our Technical Proposal.

Our Financial Proposal *exclusive of all taxes* for the assignment is as given below:

Sl. No	Description of work	Quoted Amount (in ₹.) <i>exclusive of taxes</i>
1	Carrying out marine baseline studies at Kovvada Nuclear power Project, Srikakulam, Andhra Pradesh for two season (winter Dec. 2018 to Feb 2019 and summer March to May 2019)	
2.	Cost for Per location for sampling and analysis	
3.	Travel cost	
4.	Accommodation cost	
Total quoted amount in Figures Rs.....		
Total quoted amount in Words Rupees		

The fee quoted above by us is **inclusive of all costs to be incurred by us in connection with this assignment including the cost of all visits to anywhere in India and all related cost to this consultancy assignment.**

We understand that the above fee is exclusive of all statutory taxes/levies applicable in India such as Service tax & cess thereon and/or any taxes/levies which may be introduced later and the same shall be payable at actual as applicable.

We understand that the quoted amount *exclusive* of the taxes mentioned hereto shall remain firm up to the completion of the assignment in all respect.

Our Financial Proposal shall be binding upon us for acceptance by the EPTRI up to expiration of the validity period of our Proposal.

We understand EPTRI is not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature {In full and initials}: _____

Name and Title of Signatory: _____

In the capacity of: _____

Address: _____

E-mail: _____

Director General