

**DEPARTMENT OF OCEAN ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
CHENNAI 600 036, INDIA**

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**Ref: OED/2015/002/DEPT/SASA**

**Date: 29 February 2016**

**CONSULTANCY SERVICES FOR THE DEVELOPMENT OF WEB-ENABLED GIS  
BASED INTEGRATED LAND MANAGEMENT SYSTEM  
FOR PARADIP PORT TRUST**

**Due date:**

\* Submission of technical and commercial proposal: **3 pm 10 March 2016**

\* Bid opening: **3.30pm 10 March 2016**

1. Quotations are invited in duplicate for the item shown in enclosed list as Annexure 1.
2. The quotations must be clearly indicating a technical bid and financial bid. Both the bids should be enclosed in the *single envelop* in a sealed cover.
3. The Quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
4. The Quotations shall be valid for 180 days from the due date and the period of delivery required, warranty terms etc. should also be clearly indicated. A minimum of one year warranty required.
5. Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.
6. Compliancy certificate is to be provided indicating conformity to the technical specifications.
7. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
8. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples / machine/ equipment if called for should be submitted / demonstrated at free of charges, and collected back at the supplier's expenses.
9. Packing and delivery charges must be clearly indicated.
10. The rate of sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to non Government Educational Institutions run with no profit motive for which a concessional Sales Tax Certificate will be issued at the time of final settlement of the bill.
11. IIT Madras is exempt from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges.
12. Goods should be supplied carriage paid and insured.
13. Goods shall not be supplied without an official supply order.
14. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.
15. Acceptance and Rejection:- I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

Yours faithfully,



**Annexure - 1****DEPARTMENT OF OCEAN ENGINEERING IIT, MADRAS****Ref: OED/2015/002/DEPT/SASA****CALL FOR PROPOSALS FOR THE  
CONSULTANCY SERVICES FOR THE DEVELOPMENT OF WEB-ENABLED  
GISBASED INTEGRATED LAND MANAGEMENT SYSTEM FOR PARADIP PORT  
TRUST****1) Scope of work**

Paradip Port is in possession of recently surveyed GPS base map covering an area of approx. 6300 Ac. of port land. All these datasets are in CAD formats. To use the CAD drawings into meaningful information, the data need to be converted as GIS thematic layers and these layers will be published over the internet to establish quality Land management and administration system that facilitates efficient and effective service to the Paradip Port Trust.

**2) Tasks**

The consultancy services will include the following tasks:

- a. Development of GIS thematic layers from the CAD drawings of the Paradip port. The datasets will include spatial and non-spatial data such as village cadastral sheets, roads, culverts, bridges, HT lines, drains, pipelines, railway lines, railway stations, power sub-station, utility lines, property lines of lessees/licensees, buildings etc.,
- b. Provide technical support to IIT team for the development of the Geodatabase and relational database for Paradip port GIS thematic layers.
- c. To provide technical advice on the development of web mapping system
- d. To provide technical advice and coordination on the procurement of the necessary hardware and software for the web mapping development and hosting.
- e. To provide technical support for system documentation and for user training

**3) Timeline**

The time line of the study is three months and the details of the work plan is as follows:

Sl.No.	Item Description	Months					
		1	2	3			
1	Project Inception, data evaluation and compilation						
2	Data conversion, base map generation, thematic layers organisation with physical features and utilities						

3	Technical support for the development of Web GIS						
4	Technical advice and support for procurement of relevant hardware, software for the web map GIS						

#### 4.0 Prerequisite

The vendor has to submit proof of documents for similar studies. In addition, the proof of documents for successful completion of at least two projects of similar nature should be submitted.

#### 5.0 Payment terms

Please specify the payment terms. IIT Madras reserve the right to negotiate the terms of payment as acceptable to the purchase procedures prevalent from time to time.

#### 6.0 Terms and conditions

Please quote the rate with the following details.

1. Quotation validity minimum 180 days.
2. Submission of Methodology, Delivery and commissioning periods.  
Tax details.
3. Please note IIT Madras is exempted from Excise Duty.

#### 7.0 Force majeure

Neither the Agency nor the owner 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, riots, civil commotion, epidemic, major fires, explosions, floods, earthquakes or because of any law, order, proclamatory regulations or ordinance of Government, 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 the said 14 days period, then within the shortest possible period without delay.

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.

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 Agency against the Owner on any account of such a delay for any other reason whatsoever.