



**KERALA STATE COASTAL AREA DEVELOPMENT CORPORATION Ltd.
(KSCADC)**

**(A Government of Kerala Undertaking)
'1st Floor, Chalachithra Kalabhavan Building,
Vazhuthacaud, Thiruvananthapuram – 695 014**

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EXPRESSION OF INTEREST (EOI)

Empanelment of vendors for carrying out following resource mapping services:

- a) Topographical Survey using 3D Laser scanning**
- b) Locating & Mapping of Underground Utilities**
- c) Aerial Mapping using unmanned aircraft system**
- d) 3D Visualisation and Simulation of data**

NB: Pls check that all the pages are intact in the document

EXPRESSION OF INTEREST (EOI)

Kerala State Coastal Area Development Corporation (KSCADC) is seeking Expression of Interests (EOI) from reputed and successful firms that can carrying out Topographical Survey, Locating & Mapping of Underground Utilities , Aerial Mapping and 3D Visualisation and Simulation of data.

NAME OF EOI: Empanelment of vendors for carrying out the following resource mapping services:

- a) Topographical Survey using 3D Laser scanning**
- b) Locating & Mapping of Underground Utilities**
- c) Aerial Mapping using unmanned aircraft system**
- d) 3D Visualisation and Simulation of data**

LOCATIONS IN KERALA

1. Download Period: 01-09-2015 to 03-10-2015

2. Last Date & Time for Submission of EOI: 03-10-2015, 3.00 PM

PROCEDURE FOR EMPANELMENT

EOIs are invited from all eligible and interested professional agencies for empanelment with Kerala State Coastal Area Development Corporation as per the following procedure:

- Screening of EOIs as per eligibility conditions based on documents submitted.
- Evaluation and short-listing of agencies based upon the criteria mentioned hereafter and documents submitted.
- Presentation by short-listed agencies to selection committee for empanelment.

QUALIFYING CRITERIA

Only those agencies that meet the following qualifying criteria will be invited for presentations on the proposal to a committee constituted by KSCADC.

1. Financial Standing: There must be an annual turnover of minimum Rs.150 Lakhs in the last three Financial Years (i.e. 2012-13, 2013-14 & 2014 -15) (proof of audited balance sheet is to be submitted)

2. The firm/agency should be able to execute all the four services mentioned above. The EOI should be submitted depending upon their expertise and experience, separately for all of the jobs as mentioned above.

2.1 To adopt best practices the firm should have completed three international projects over a minimum period of three years of operation with proven track record in delivering any of the required services. The chosen projects should exhibit the complete scope from scanning, data processing and report

generation which includes 2D drawings, 3D models and 3D visualisation. If none of the applicants are having Experience in executing International projects we will be considering the applicant's having experience in National Projects.

3. The firm/agency should have sufficient expertise to meet the requirement as per the scope of work and may be supported with their credentials which should be submitted along with the offer.

4. Details of up to five contracts, in any combination with at least one contract from each service mentioned above must be provided, from either the public or private sector, that is relevant to the authority's requirement. Contracts for supplies or services should have been performed during the past five years.

5. Must have a single work order with value of more than 50 lakhs in any of the three service mentioned above during the past three years.

6. The firm/agency should have experience working in highly accurate documentation of historical structures and buildings for major Indian government agency attached to the Ministry of Culture. (Samples or work order to be provided).

7. High quality equipment should be used for all the four above mentioned survey techniques – Details to be provided.

8. Credentials to support that the firm should be in the market at least last five years in the field of resource mapping services.

9. The firm can be a commercial organization/private firm/partnership firm/NGO/Consortium.

10. Tax registrations/ Certificates: The agency should submit PAN No. and latest Income Tax, Sales Tax (Local and CST), Service Tax registration/Certificate for the financial year 2014-15.

SCOPE OF WORK

The following will be the scope of work for the empanelled agencies:

Topographical Survey using 3D Laser scanning:

Laser scanning technology shall be used for obtaining accurate and objective method for digital documentation of the built environment, buildings, urban streetscapes, heritage structure, archaeological sites and terrain. The system shall collect data at such a fine resolution that photographic quality images can be produced from the three dimensional data collected to an accuracy of between 0 -2mm. The data is captured at a maximum distance of 120 meters to allow an adequate quality of data resolution.

For Locating & Mapping of Underground Utilities:

Underground survey to locate and map underground utilities, metallic or non-metallic objects such as Gas lines, communication lines, sewer lines, service lines, foundation, tunnels, cellar, storage tanks, pipes etc. in various soils including location and depth including submission of report and drawings.

Aerial Mapping using unmanned aircraft system:

The scope is to provide state-of-the-art unmanned aerial surveys, video and photography of the highest technical and creative quality, accuracy, precision, detail, scale, and up-to-date high resolution imagery and provide more recent and more precise data using 4k video and 12 mega pixel cameras.

3D visualisation and simulation of data:

The data generated from any one of the mapping processes or combined will be used to generate 3D visualisation or simulation for further understanding, study and future research.

SUBMISSION OF DOCUMENTS

The entire set of EOI document should be submitted along with documentary proof. Each page should be signed and stamped by the authorized signatory and submitted in a sealed envelope with “Expression of Interests (EOI) for the Empanelment of vendors for carrying out following resource mapping services:

- a) Topographical Survey using 3D Laser scanning
- b) Locating & Mapping of Underground Utilities
- c) Aerial Mapping using unmanned aircraft system
- d) 3D Visualisation and Simulation of data

Superscribed on it to

To,

*Managing Director,
Kerala State Coastal Area Development Corporation,
1st Floor, Chalachithra Kalabhavan Building,
Vazhuthacaud, Thiruvananthapuram – 695 014*

The envelope containing the filled form (with relevant enclosures) may be placed in the drop box provided at KSCADC, Head Quarters at 1st Floor, Chalachithra Kalabhavan Building, Vazhuthacaud, Thiruvananthapuram – 695 014 or sent by speed post.

EVALUATION OF EOI's

- 1. Screening:** KSCADC will undertake the initial screening of all the applications based on the qualifying criteria. Applicants not meeting any of the qualifying criteria and other essential conditions, etc., mentioned in the EOI document will be summarily rejected.
- 2. First-stage short-listing:** All the eligible applicants will then be evaluated on the basis of the documents submitted by them. The short-listed agencies will be called for making a presentation to a Selection Committee set up by KSCADC.
- 3. Second-stage short-listing:** The short-listed agencies will be required to make a presentation on all the three resource mapping technique. The Committee will evaluate the agencies based on their Infrastructure/Offices, Existing Clientele, etc. after considering their presentation(s). The short-listed agencies will then be ranked top to bottom on the basis of the highest marks. The top five agencies will then be finally short-listed and empanelled.
- 4. Distribution of work:** The quantum of work to be distributed amongst the agencies will not be related to their ranking. All the selected agencies will be considered at par. KSCADC reserves the right to distribute the work as per its convenience, requirements and discretion. KSCADC may distribute the work segment-wise or otherwise as it deems fit, which may be changed from time to time. KSCADC may also vary the work based upon the quality of work, responsiveness, etc., of the agency.
- 5. KSCADC reserves the right to decrease or increase the number of empanelled agencies at any point in time. It reserves the right to get any work or any part of the work mentioned in the EOI from any other agency whether empanelled or not.**

FORM – I

1	<i>Name of the Firm/agency</i>		
2	<i>Mailing address</i>		
3	<i>Phone No(s)</i>		
4	<i>Fax No</i>		
5	<i>e-mail</i>		
6	<i>Website</i>		
7	<i>Service Tax Registration No</i>		
8	<i>PAN Card No</i>		
9	<i>Contact Person</i>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"><i>Name</i></div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"><i>Designation</i></div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"><i>Cell Number</i></div>	
10	<i>Year of commencement of business (please attach documents for proof)</i>		
11	<i>Turnover (in Rs. Crore)</i>		
12	<i>Districts in which the agency has fully operational office</i>		
13	<i>Major clients</i>	<div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div>	
14	<i>Are you empanelled With other PSU/ Government clients</i>		

15	<i>No. of Government projects Undertaken. (Please attach customer satisfaction reports)</i>	

We hereby declare that all the information and statements made in this EOI are true and accept that any of our misrepresentations contained in it may lead to disqualification.

We hereby also declare that our company has not been debarred / blacklisted by any Government/ PSU/ SEMI Government bodies/ organizations.

Signature (Authorized Signatory):

Full Name:

Designation:

Address:

Date:

TERMS AND CONDITIONS

- 1. The Expression of Interest format may be downloaded from www.keralacoast.org and information filled in the space provided.**
- 2. Only those applications complete in all respects will be accepted for further scrutiny.**
- 3. The application once submitted will be considered final and any subsequent changes/additional information will not be entertained.**
- 4. Details of similar works undertaken previously have to be part of the EOI submitted by you. Separate submissions of such material will not be accepted and will be deemed as rejected.**
- 5. Entries received beyond 3.00 PM on 25/09/ 2015 will not be entertained and all such entries will be deemed as rejected.**
- 6. KSCADC will not be responsible for delayed receipt of the documents at its end for any reason whatsoever.**
- 7. KSCADC Ltd. reserves the right to reject any or all applications without assigning any reason(s) thereof.**
- 8. The agency shall submit all the documents specified in the “CHECKLIST OF ENCLOSURES TO BE SUBMITTED” which forms a part of the EOI document.**

ANNEXURE- I

LETTER OF AUTHORISATION FOR SIGNING OF EOI DOCUMENTS (TO BE SUBMITTED BY AGENCY ON THEIR LETTERHEAD)

**Authorization for signing of EOI Documents for
Empanelment of reputed firms for the resource mapping services using**
a) Topographical Survey using 3D Laser scanning
b) Locating & Mapping of Underground Utilities
c) Aerial Mapping using unmanned aircraft system
d) 3D Visualisation and Simulation of data

in various locations in Kerala.

*Following person is hereby authorized to sign EOI documents for the EOI
mentioned above on behalf of M/s. _____ (applicant) as the
details given below:*

*Person/ Officer authorized for signing EOI documents:
Name & Specimen Signature*

Signature: _____

Full Name: _____

*Designation:*_____

Address: _____

ANNEXURE-II
GENERAL INSTRUCTIONS TO APPLICANTS

1. Signing of EOI:

- 1.1 Applicant of EOI will be required to produce attested certificate of registration issued by registrar of firm in favor of his authority to sign on behalf of the firm.**
- 1.2 If the EOI is signed by any other person/officer, he/she should be duly authorized by the proprietor/owner/partner/director etc. If however, found to be otherwise, KSCADC, without prejudice to other civil and criminal remedies, can cancel the EMPANELMENT.**
- 1.3 Individuals signing the EOI shall indicate their full name below their signatures & it should be stamped.**

1.4 The EOI shall contain no interlineations, erasures or overwriting, except as necessary to correct errors made by the applicant, in case such corrections are to be made. The entry should be clearly scored out by a single line and encircled, and fresh entry should be made. All such corrections should be authenticated under the full signature of the person signing the EOI. Any EOI which does not comply with this requirement shall be rejected. All conditional or incomplete EOIs will be rejected.

1.5 The EOI form should be filled legibly with blue/black ink in English Language only.

2. Submission of EOI:

2.1 The applicant shall seal the envelope and the EOI shall be addressed to KSCADC at the following address:

To,
Managing Director,
Kerala State Coastal Area Development Corporation,
1st Floor, Chalachithra Kalabhavan Building,
Vazhuthacaud, Thiruvananthapuram – 695 014

2.2 EOIs shall be dropped in the tender box provided in KSCADC or sent by Speed Post.

2.3 KSCADC shall assume no responsibility for the misplacement of the EOI(s) or premature opening thereof, if the envelope is not sealed and marked as required. In case the bidder fails to honor his EOI in the stipulated time given by KSCADC, without furnishing sufficient grounds, which is convincing to the competent authority of KSCADC, then the latter reserves the right to BLACK LIST an applicant for a suitable period from participating in any bidding process initiated by KSCADC.

3. Last date and time for submission of EOIs:

3.1 All EOIs shall be received by the KSCADC at the address specified under

Para 2, not later than the date and time specified in the EOI.

3.2 KSCADC may, at its discretion, extends the date and time for the submission

of EOIs by amending the EOI documents in which case, all rights and obligations of KSCADC and applicants shall subject to the extended date and time.

3.3 Any EOI received after the specified date & time for submission of EOIs shall

be rejected and returned unopened to the applicants.

3.4 KSCADC shall not be responsible if the EOIs are delivered elsewhere.

4. Summary rejection of EOI:

One or more of the following reasons/omissions will render an EOI, liable to summary rejection.

- a. EOI received after the specified closing time.*
- b. Correction or overwriting not signed by the authorized signatory.*
- c. Documents asked for and not attached.*
- d. Conditional EOI*
- e. Any EOI received unsealed/unsigned and/or not signed by.*
- f. Applicants giving false information, fabricated documents, thereby concealing facts, misrepresenting and misleading KSCADC.*
- g. All forms not duly filled in and signed.*

5. Influencing the evaluation of EOIs and award of contract:

No applicant shall attempt to influence KSCADC on any matter relating to the

EOI. Any attempt to influence KSCADC in evaluation/comparison or in award of the contract, shall result in summary rejection of the EOI(s) of such applicants.

6. Right to cancel the contract:

6.1 KSCADC shall have the right to cancel the contract wholly or in part in the event it is obliged to do so, on account of any decline, diminution,

curtailment or stoppage of the work(s), by giving three months' notice.

7. Agreement:

Every successful applicant shall also execute an agreement with Kerala State Coastal Area Development Corporation, Kerala State Coastal Area Development Corporation, 1st Floor, Chalachithra Kalabhavan Building, Vazhuthacaud, Thiruvananthapuram – 695 014 on a non-judicial stamp paper of Rs. 500/-. (The cost of the stamp paper has to be borne by the applicant of EOI.)

ANNEXURE III

CHECKLIST OF ENCLOSURES TO BE SUBMITTED

1	Company Registration certificate	
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2	Duly audited/certified copy of the Annual report, balance sheet for the last three financial years	
3	Company profile, organization chart	
4	True copies of at least five work orders issued by PSU/Government Departments.	
5	Customer satisfaction reports obtained from PSU/ Government Departments	
6	Photos /CDs/ brochures of executed works.	
7	Copy of PAN and latest income tax, sales tax certificate for the financial year 2014-15	