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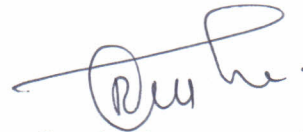
FOR NEWSPAPER ADVERTISEMENT

GOVERNMENT OF ODISHA
Housing and Urban Development Department

No: HUD-REFM-SCH-0003/2018: / 1945 /HUD/dt.19.01.18

EXPRESSION OF INTEREST (EoI)

The Government in H&UD Department invites applications for Selection of Agency for GIS Based Mapping of Urban Utility Assets in the 6(six) AMRUT towns in Odisha i.e.Bhubaneswar, Cuttack, Berhampur, Sambalpur, Rourkela and Puri through EoI. The detail information are available in the Housing & Urban Development Department web site: www.urbanodisha.gov.in. The proposal complete in all respect may be sent so as to reach the undersigned on or before **Dt. 31.01.18 up to 03.00 PM** as per the instructions mentioned in EoI documents. The proposals received beyond the stipulated time line will be out rightly rejected. The Housing & Urban Development Department reserves the right to accept or reject all or any of the proposals and terminate the selection process without assigning any reason thereof.



Special Secretary to Government
Housing and Urban Development Department, Government of Odisha
1st Floor, State Secretariat, Annex - B, Bhubaneswar - 751001
Phone: 0674-2391395, Email: sshudd.odisha@gmail.com

EXPRESSION OF INTEREST FOR SELECTION OF AGENCY FOR GIS BASED MAPPING OF URBAN UTILITY ASSETS IN THE 6 (SIX) AMRUT TOWNS IN ODISHA

The Housing and Urban Development Department, Government of Odisha invites Expression of Interest (EoI) from the eligible firms / agencies for carrying out the work of **GIS based Mapping of Urban Utility Assets in the 6 AMRUT towns in Odisha i.e. Bhubaneswar, Cuttack, Berhampur, Sambalpur, Rourkela and Puri.** Interested eligible consulting firms are requested to submit their expression of interest along with the information as per the forms and criteria mentioned below.

Eligibility to Participate in the Bid

EoI may be submitted by interested bidders as **a single entity or a group of entities ("Bidding Consortium")**.

AND

The Bidders must be a company as specified in the Companies Act, 1956 / a society registered under The Societies Registration Act, 1860 / a trust registered under the Indian Trusts Act, 1882 / a company as specified in section 25 of Companies Act, 1956/ a Limited Liability Partnership registered under 'The Limited Liability Partnership Act ,2008

AND

The time period elapsed from commencement of business should be at least five years as on 1st January, 2018. In case of a consortium the number of years from commencement will have to be met by the Lead Bidder.

AND

In the last 5 years, the bidders should have handled similar types of projects focusing on **(i) conducting survey of urban utility, assets & infrastructure, (ii) geo-referencing of satellite imagery, (iii) development of GIS enabled urban asset database, (iv) Design, development & operationalisation of Web enabled GIS applications etc. in urban sector, preferably in Odisha.** In case of bidding consortium, bidders should ensure at least 50% of the projects have been handled by the lead bidder.

AND

Bidder should have sufficient numbers of qualified technical personnel with sound knowledge and experience in relevant fields.

Objective of the Assignment

- Development of GIS based Urban Asset Registry System through mapping of the Urban Assets in the 6 ULBs
- Development of Comprehensive Urban Asset Geo-database for 6 ULBs with objectives of efficient data storage, retrieval, map based information generation
- Development of a Web GIS enabled Asset Management System to facilitate a) recording of information on Urban Assets, b) processing of asset database for generation of meaningful geo-spatial information through query and visual analytics to aid in Management Information System and Decision Support.

Scope of Work for the Assignment: Broad scope of work covers the following:

- **Survey & Data Collection**
 - Collection of system maps/ diagrams as available with the respective departments/ utility service providing agencies
 - Establishment of Ground Control Points including fixation of their co-ordinates through DGPS survey
 - Geo-referencing of the high-resolution satellite imagery based on DGPS control survey and preparation of large scale base map of the cities (in 1:4000 scale or higher) depicting all roads, natural drainages, existing land use, municipal

wards, administrative jurisdictions using the geo-referenced satellite imagery with necessary ground validation.

- Survey and mapping of underground water supply and sewerage network assets showing their precise location, alignment and depth below ground level w.r.t surface features (such as roads) and depth using appropriate technology
- Mapping of surface assets showing their precise locations based on Image interpretation/ DGPS survey (for assets not visible in imagery)
- Generation and printing of draft maps for field verification
- Field verification and finalization of asset / system and network map
- Collection of municipal Asset data through Location Survey of Municipal Assets and collection of key attribute data on assets (the list of municipal assets shall include but not limited to Water Supply Network, Sewerage Network, Roads, Storm Water Drains, Cross Drainage Works (Culvert & Bridges etc.), Street Lights, Hospitals, Educational Institutions, Solid Waste Management Infrastructure, Public Conveniences (Toilets/ Urinals), Community Centres (Kalyan Mandaps), Bus Shelters, Markets, Slaughterhouses, Parks etc.)
- **Development of Geo-database**
 - Validation & Ground truthing of the collected data
 - Data Sanitization, Standardization of the validated data
 - Development of Geo-database structure and Geo-database Schema
 - Import validated & standardized data into the geo-database
 - Mapping of Municipal Assets in GIS Platform
- **Development of Web enabled GIS based Municipal Asset Management System** to facilitate Municipal Asset Management, Planning, Monitoring, generation of Management Information & Decision Support Information.
- **Deployment and Commissioning** of the Municipal Asset Geo-database & Web enabled GIS based Municipal Asset Management System (necessary Hardware, Platform Software and ancillary IT infrastructure shall be facilitated by the department)
- Training & Capacity building of the select department officials on Operation & Management of the Web enabled GIS based Municipal Asset Management System.

Expected Outcome of the Proposed Assignment

- Generation of location based information on municipal assets to facilitate efficient Asset Management, Planning, Monitoring and Decision Support.
- Generation of scheduled reports to periodically inform the project authorities regarding progress/ status of various utility assets.
- Assist the project authorities in dispute management through proper recording of process related information
- Ensuring Public satisfaction through timely monitoring and timely redressal of public grievances

Team

Bidders are expected to deploy separate Survey & Data Collection teams for each of the 6 ULBs covered under this assignment. Bidder are required to apply their logical rationale in deciding the team size in the 6 ULBs based on assessment of effort in implementing the tasks in each of the ULBs in specified timeline.

Documents to be submitted along with the Expression of Interest

The Expression of Interest must be submitted in the Forms enclosed in this document along with the necessary supporting documents.

- Covering Letter (Form-1) in the letterhead of the firm/ Agency.
- Details of the Organisation (Form-2)
- Annual revenue of the bidder over the last three financial years certified by a chartered Accountant (Form-3): (Please enclose audited financial reports in last three years)
- Past experience in development of GIS database and Web enabled GIS based system (Form-4A and 4B)
- CVs of key personnel (Form-5)
- Approach and Methodology (Form 6)

In this section, the bidder is expected to provide a brief description of the overall approach and methodology proposed for carrying out the tasks as mentioned in this scope of work indicating survey method and precision in mapping. The overall length of this section **should not exceed ten (10 nos.) pages**, and may cover the following aspects:

- a. **Comments on the terms of reference:** This would include an appreciation of the terms of reference and an understanding of what is expected as the overall result of the exercise and salient considerations to be taken into.
- b. **Management competency:** This should highlight how the bidder proposes to maintain quality and timeliness of deliverables, apart from managing performance issues.
- c. **Approach & methodology:** This should highlight the bidder's understanding of the current status along with identification of probable issues during implementation of the tasks and finally, description of the proposed system architecture/ functionalities and solutions.

Agencies shall be required to make a presentation on the Approach and Methodology along with their past experiences in development of GIS based utility asset mapping in urban areas.

- A declaration from the Firm/ Agency that they have not been banned or de-listed or blacklisted for fraudulent practices. (Form-7)

Supporting documents to be enclosed with the Expression of Interest

- **Company certificates** i) Certificate of incorporation highlighting registration details and ii) GST Registration No., PAN No. and TAN No.
- Income tax returns of the last three financial years
- Supporting documents for past experiences: work orders in case of ongoing projects/completion certificates in case of completed projects
- Recognition by any National / State nodal agencies for GIS, RS and GPS applications, if any. (Please enclose supporting documents)
- Quality certification in Geomatics services, if any. (Please enclose supporting documents)

Bidders must ensure that all the pages should be initialled by the authorized signatory, failing which the EOI application may not be considered for evaluation.

Submission of the EOI

The interested eligible firms/agencies with sufficient prior experience and competency and capability in terms of technical strengths, experience and financial stability may submit their expression of interest in hard copy, in sealed cover superscripted "**EOI for GIS based mapping of urban utility assets in the 6 AMRUT towns in Odisha**" with necessary documents as specified in this document duly signed by authorized signatory on or before **31.01.2018 by 03:00 pm** to the address below.

Special Secretary to Government
Housing & Urban Development Department, Govt. of Odisha
1st Floor, State Secretariat, Annex – B
Bhubaneswar – 751001

For any queries / clarifications relating to submission of EOI please contact **Mr. Jyoti Ranjan Rout**, Project Associate, OSUIP, **Mobile: 87637 16912, 70082 17926** or send email to osuii.dfidta@gmail.com, pmuhud@gmail.com

NB: *EOI received after the above time and date shall not be considered and would be liable to be rejected.*

FORM-1

Covering Letter in the letterhead of the firm / Agency

Ref:

Date:

To

Special Secretary to Government
Housing & Urban Development Department,
Govt. of Odisha
1st Floor, State Secretariat, Annex – B
Bhubaneswar – 751001

Sub: Expression of Interest for GIS based mapping of urban utility assets in 6 AMRUT towns in Odisha

Sir,

We, M/s _____ are submitting herewith our Expression of Interest for **GIS based mapping of urban utility assets in 6 AMRUT towns in Odisha**. We give our consent to abide to the terms and conditions specified by Housing & Urban Development Department, Govt. of Odisha.

I/ We hereby declare that the furnished information and all Supporting documents are true to the best of my/ our knowledge. Above all I / We also declare that I / We won't have any objection if the details are verified by the authorities of Housing & Urban Development Department, Govt. of Odisha. I / We fully understand that our application is liable to cancellation, if it is found that any of these statements of facts therein is incorrect or false at any stage.

Thanking you.

Yours faithfully,

Name of Authorised personnel:

Designation:

Address:

Stamp & Signature of the Authorised Personnel

FORM-2**Details of the Organization**

Sl. No.	Particulars	Details
1	Name of the firm / agency	
2	Status (Legal Entity)	
3	Date of Establishment	
4	Registered Address (with pin code)	
5	Telephone No.: Mobile No.: Email Id.:	
6	Name of the Contact Person: Designation of Contact Person: Telephone No.: Mobile No.:	
7	URL of Website of the firm / agency	
8	Quality Certifications (if any)	

If your organization is a Proprietorship Firm:

- Enclose the resume of the Proprietor

If your organization is a Partnership Firm:

- Enclose the CVs of the Partners
- Copy of Registered Partnership Deed

If your organization is a Private Ltd. / Public Ltd. / Others:

- Enclose the list of the Directors
- Certificate of Incorporation / Certificate of commencement of business
- Articles and Memorandum of Association

Stamp & Signature of the Authorized Personnel

FORM – 3

Annual revenue of the bidder over the last three financial years certified by a chartered Accountant

Sl. No.	Financial Year	Annual revenue* of the firm / agency (in INR)	Profit After Tax (in INR)
1.	2014-15		
2.	2015-16		
3.	2016-17		

*Revenue to include income from GIS based consulting services only, excluding any income related to sale/ supply of hardware, software, etc.

Signature of the practicing chartered accountant

Name:

Membership No.:

Stamp & Signature of the Authorized Personnel

FORM – 4A

**Past experience in development of GIS database & Web enabled GIS based system
(Summary Sheet)**

Sl. No.	Client Name	Project Name	Executing Agency in case of Consortium	Project Value (in INR)	Extent of land Area (in sq. km.)

FORM – 4B

Past experience in development of GIS database & Web enabled GIS based system (Project Details)

Project Name:	Country:
Project location within the country:	No. of professional staff provided by your firm:
Name of the client:	Professional staff months provided by your firm:
Address and contact person (client): Phone No..... Fax No..... Email id.....	Value of the assignment (in INR): Approximate value of services provided by your firm / agency (in INR):
Start Date:	End Date:
Detailed narrative description of the project:	
Model / project structure adopted for the project implementation (if applicable)	
Description of actual services provided by your firm	

* Sl. No. to be maintained as per 'Form – 4A'.

* Please restrict the 'Project Details' to max. 2 pages per project.

FORM – 5
CVs of key personnel

Sl. No.	Particulars	Details				
1	Name of key personnel					
2	Educational Qualification					
3	Areas of expertise					
4	Total years of experience					
5	Total years of experience relevant to current assignment					
6	Details of key projects	Sl. No.	Project Name	Client Name	Location	Year

FORM - 6

- A. Comments on the terms of reference

- B. Management competency

- C. Approach & Methodology

FORM-7

**Declaration from the Firm/ Agency that they have not been banned or de-listed
or blacklisted for fraudulent practices**

Ref:

Date:

To

Special Secretary to Government
Housing & Urban Development Department,
Govt. of Odisha
1st Floor, State Secretariat, Annex – B
Bhubaneswar – 751001

Sub: Declaration against fraudulent practices/ blacklisting.

Sir,

In response to EOI notice no. _____ dated _____, I, _____
(Name of the authorized person) working as _____ (Designation), do
hereby declare that our organization M/S _____ (Organization name) is
having unblemished past record and was not declared ineligible/ banned or de-listed/
black-listed for corrupt & fraudulent practices either indefinitely or for a particular period
of time, by the Government of India or by any State Government or by any Government
Department, Public Sector Undertakings of the Government, Statutory Boards formed by
the Government, or any other body, co-operatives, Institutions, Universities and
Societies formed by the Government.

In the event of any deviation from the factual information/ declaration, Housing &
Urban Development Department, Govt. of Odisha reserves the right to reject our EOI
application.

Thanking you.

Yours faithfully,

Name of authorized personnel:

Designation of authorized personnel:

Address:

Stamp & Signature of the Authorized Personnel: