

**Unique Identification Authority of India (UIDAI)
Planning Commission, Government of India**

Eol Reference Number: K-11020/31/2012-UIDAI



Expression of Interest (Eol)

ENLISTMENT OF GPS DEVICES

FOR

UIDAI's ENROLMENT CLIENT SOFTWARE

20th April,2012

1. INVITATION OF EXPRESSION OF INTEREST (Eol)

- 1.1. Unique Identification Authority of India (UIDAI) invites Expression of Interest (Eol), from the Manufacturers/ Authorized Agents/ Distributors/ Partners/ Suppliers of the GPS Devices for “Enlistment of GPS Devices for UIDAI’s Enrolment Client Software”.
- 1.2. Private Companies, Government Companies, PSUs, Semi-Government Organizations, NGOs, Not-for-Profit Organizations, Microfinance institutions etc. are eligible to participate in this Enlistment process.
- 1.3. This Expression of Interest (Eol) document includes the following sections:
- a. Section 1 - Invitation for Expression of Interest (**Eol**)
 - b. Section 2 - Background
 - c. Section 3 - Schedule of Requirements
 - d. Section 4 - Timeline for the Eol
 - e. Section 5 - Eol Evaluation Methodology
 - f. Section 6 - Submission of Eol Response
- 1.4. Interested parties are requested to submit their Eol Response by **5th May, 2012** with all supporting documents at the address for communication given below:
- 1.5. Address for Communication:

Shri Yashwant Kumar, Assistant Director General / Ms. R. Renuka, Deputy Director

Unique Identification Authority of India (UIDAI),
 Planning Commission, Govt. of India (GoI),
 9th Floor, Tower I, Jeevan Bharati Building,
 Connaught Circus,
 New Delhi - 110001.

Email ID: yas_its@hotmail.com/ rrenuka.uidai@gmail.com

Tel. No. 011-23752319/ 011- 23462617

1.6. Clarification of Eol Document

- (i) A prospective Eol Respondent requiring any clarification of the Eol Document may notify the UIDAI in writing at the UIDAI’s mailing address indicated in Clause 1.5 of Section I. The queries must be submitted in Microsoft Excel format as follows:

Sr. No	Section No.	Clause No.	Page No. of Eol Document	Existing Provision in the Clause	Clarification Sought

- (ii) The UIDAI will respond in writing, to any request for clarification of the Eol Document, received not later than the date prescribed by the UIDAI in **Section I, Section 4 (ii)** of this Eol document. Written copies of the UIDAI’s response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective Eol Respondents who have raised the queries. UIDAI’s response to clarifications sought will also be uploaded on the Website of UIDAI.

1.7. Amendments in Eol Document

At any time prior to the last date for submission of Eol Response, UIDAI may for any reason, modify the Eol Document by way of Addendum/ Corrigendum. The modifications will be notified on UIDAI’s website and such Addendum/ Corrigendum shall be binding on the Respondents/ prospective Respondents.

1.8. UIDAI's Right to Accept Any Eol Response and to Reject Any or All Eol Response(s)

UIDAI reserves the right to accept any Eol Response, and to annul the Enlistment process and reject all Eol Responses at any time prior to Enlistment, without thereby incurring any liability to the affected Eol Respondent or Respondents or any obligation to inform the affected Eol Respondent or Respondents of the grounds for the UIDAI's action.

1.9. Clarification on Eol Response Submitted

During evaluation, UIDAI may, at its discretion, ask the Eol Respondent(s) for clarification on their Eol Response. The prospective Respondent(s) is/ are required to respond within the time frame prescribed by UIDAI.

1.10. Period of Validity of Eol Response

- (i) Eol Response shall remain valid for **180 days** after the date of opening of Eol Responses prescribed by the UIDAI. **An Eol Response valid for a shorter period may be rejected by the UIDAI as non-responsive.**
- (ii) In exceptional circumstances, the UIDAI may solicit the Respondent's consent to an extension of the period of validity of Eol Response. The request and the responses thereto shall be made in writing (or by fax). A Respondent may refuse the request for extension of the period of validity of Eol Response. A Respondent granting the request will not be required nor permitted to modify its Eol Response.

1.11. Respondent's Qualification

- (i) The "Respondent" as used in the Eol documents shall mean the one who has signed the Eol Response. The Respondent may be either the Constituted attorney of the company or the Principal Officer or his duly Authorized Representative, in which case he/ she shall submit a certificate of authority. All certificates and documents (including any clarifications sought and any subsequent correspondences) received hereby, shall, be furnished and signed by the Respondent.
- (ii) It is further clarified that the individual signing the Eol Response or other documents in connection with the Eol must certify whether he/she signs as :
 - a) Constituted attorney of the company.
OR
 - b) The Principal Officer or his duly Authorized Representative of the company, in which case he/she shall submit a certificate of authority on behalf of the company.
- (iii) The Respondent shall sign its Eol Response with the exact name of the Company to whom the contract is to be issued. The Eol Response shall be duly signed and sealed by a duly authorized officer executed under seal.
- (iv) The Respondent shall clearly indicate their legal constitution and the person signing the Eol Response shall state his capacity and also source of his ability to bind the Respondent.
- (v) The power or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the Respondent shall be annexed to the Eol. **UIDAI may outrightly reject any Eol Response not supported by adequate proof of the signatory's authority.**

1.12. Format and Signing of Eol Response

- (i) The Respondent shall prepare two copies of Eol Response, clearly marking each "Original", and "First Copy" as appropriate. In the event of any discrepancy between them, the original shall govern.
- (ii) The original and first copy of the Eol Response shall be typed or written in indelible ink. The original and first copy shall be signed by the Respondent or a person or persons duly authorized to bind the Respondent. **The authorization shall be indicated by written power-of-attorney accompanying the Eol Response pursuant to Clause 1.11.** All pages of the Eol Response, except for un-amended printed literature, shall be initialed and stamped by the person or persons signing the Eol Response.
- (iii) The Eol Response shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Respondent, in which case such corrections shall be initialed by the person or persons signing the Eol Response.

2. BACKGROUND

- 2.1. The Unique Identification Authority of India (UIDAI) is mandated to issue unique numbers (Aadhaar numbers) to every resident in the country. The UIDAI has begun issuing Aadhaar numbers in partnership with a large number of Registrars across the country. The process of enrolments has been gaining momentum since the launch of project on 29th September, 2010 and is expected to cross more than 1 million enrolments per day by October, 2011.
- 2.2. Aadhaar is expected to help the resident not only prove their identity but will also be useful in delivery of public services by various agencies. The biometric attributes of the resident are used to ensure that only one number is issued to an individual (This process of ensuring issue of a unique Aadhaar number to each resident individual is known as de-duplication). Aadhaar number can also be authenticated online and thus has the potential to be utilized in a variety of social sector schemes in education, health, PDS, social welfare not only for improving delivery of service to the intended beneficiary but also to make the administration of the scheme more transparent and efficient.
- 2.3. UIDAI has adopted a two stage partnership mode for the fast rollout of the Aadhaar program, so that the maximum coverage of the residents can be achieved in a short time. The two stages of the program are:

a. Enrolment of the residents

This includes collection of the demographic details and the bio-metrics of the residents. This is done in a decentralized manner in partnership with various agencies, nominate as Registrars. These Registrars are the State government departments or the public sector banks and entities. The Registrars further utilize the services of the Enrolment Agencies for carrying out the actual enrolment work on ground.

- i. UIDAI exercise the control on the enrolment in the following manner
- ii. The enrolment can be done using the Enrolment software provided by UIDAI.
- iii. The bio-metric device standards are specified by UIDAI and it is certified by STQC. Only such devices can be used for collection of bio-metrics.
- iv. The personnel involved in the actual enrolment undergo a certification exam before the start of work.

b. Generation of Aadhaar

After the enrolment, the data is encrypted and saved on the machine. It is then transferred to the Central Processing Centre for generation of Aadhaar after the various check and validations. The Aadhaar is generated only after the completion of such check and identification of uniqueness of the resident based on bio-metric check.

- 2.4. Various challenges have been faced at process and technology level during the course of the project and have been suitably addressed or are in the process of resolution. One of the challenges faces by UIDAI is identification of the location of the enrolment.
- 2.5. The enrolment software only provides for recording of the resident address and as per the UIDAI process of enrolments, it is possible for resident to enroll anywhere in the country by providing the Proof of Address and Proof of Identity as per the prescribed documents.
- 2.6. The establishment of the location of the enrolment has many advantages:
 - a. The UIDAI can provide the location of an enrolment center to the residents with a maximum lag of 10 days, as it has system of synchronizing information from the enrolment station
 - b. It can validate the genuineness of the enrolment center through post facto checks.
 - c. Some security concerns have been raised by various agencies about the process of enrolment and possibilities of enrolment being done outside the geographies of India and uploaded. Even though multiple checks exist in the existing system, the identification of the exact location of the enrolment will strengthen the security process further.
- 2.7. During the last year, the number of such enrolment stations that were active daily has been in the range of more than 17,000 working at various locations. The number of center where these stations are active can range from 3,500 to 7,000. It is physically impossible to get the exact location of the enrolment stations through manual means which is accurate.
- 2.8. It is in this context that UIDAI has now mandated that every enrolment station, shall record the GPS co-ordinates of the location of enrolment prior to the beginning of enrolment in a day.
- 2.9. The suitable changes that are required to be made to the enrolment client have already been made and the enrolment client is currently capable of recording the co-ordinates from the devices, which meet the NMEA -0183 standard.
- 2.10. UIDAI has a philosophy of providing the maximum possible options to the enrolment agencies for the devices to be used in the process, as long as the standards are met. Accordingly, UIDAI invites "Expression of Interest" from the Manufacturers/ Authorized Agents/ Distributors/ Partners/ Suppliers of the GPS Devices for "Enlistment of GPS Devices for UIDAI's Enrolment Client Software".

3. SCHEDULE OF REQUIREMENTS

3.1. The prospective Respondents to this EoI are expected to:

- I. Supply 4 GPS Devices of each proposed model for Testing purpose. UIDAI will return all the supplied devices after completion of the Device Testing exercise.
- II. Supply document and specifications of each proposed device model.
- III. Provide support for testing & integration.
- IV. Assist the UIDAI Technical team, at the end of Device Testing exercise, in finalizing the standards for the enlisted GPS devices.

3.2. The Scope of Device Testing exercise would be following:

1. Improvement on the existing devices standards as provided by UIDAI
2. Testing of the devices meeting the standards with the Enrolment software
3. Finalization of the standards for the GPS devices

3.3. The GPS Devices, after Device Testing and Field Testing Process, will be enlisted by UIDAI.

4. TIMELINE FOR THE EoI

1. Date of Release of EoI : 19th April, 2012
2. Last date for seeking clarifications : 23rd April 2012
3. Date for Issue of Response to Clarifications sought : 27th April, 2012
4. Last date for submission of EOI response (Form I to IV) : 5th May 2012
5. Last date for submission of Devices for Testing : 9th May 2012
6. The responses of EOI may be sent either through post or in-person at following address, however clarification may be sent through email id of the official mentioned below:

Shri Yashwant Kumar, Assistant Director General / Ms. R. Renuka, Dy. Director
Unique Identification Authority of India (UIDAI),
Planning Commission, Govt. of India (GoI),
9th Floor, Tower I, Jeevan Bharati Building,
Connaught Circus,
New Delhi - 110001.

Email ID: yas_its@hotmail.com/ rrenuka.uidai@gmail.com

Tel. No. 011-23752319/ 011- 23462617

5. EoI EVALUATION METHODOLOGY

5.1. The EoI methodology proposed to be adopted will be as under:

- (i) The first stage of EoI Evaluation Methodology will include short listing of GPS Devices offered by the EoI Respondents on the basis of Technical Specifications of the offered GPS Devices vis-a-vis the Technical Specifications.
- (ii) For the second stage of EoI Evaluation Methodology, the short listed Respondents will be asked to submit their offered GPS Devices for Testing. This stage will comprise of Device Testing and Field Testing of GPS Devices offered by the shortlisted Respondents.

- (iii) In the third stage of Eol Evaluation Methodology, the GPS Devices, cleared in the second stage of Device Testing and Field Testing, stage would be considered for Enlistment by UIDAI.

6. SUBMISSION OF Eol RESPONSE

6.1. Procedure for Submission of Eol Response

- a) The Eol Respondent is expected to examine all instructions, forms, general terms & conditions, and Schedule of requirements in the Eol Document. Failure to furnish all information required by the Eol Document or submission of an Eol Response not substantially responsive to the Eol Document in every respect will be at the Respondent's risk and may result in the rejection of the Eol Response.
- b) The Eol Response and all associated correspondence shall be written in English and shall conform to prescribed formats.
- c) Please write '**RESPONSE TO THE Eol FOR ENLISTMENT OF GPS DEVICES FOR UIDAI'S ENROLMENT CLIENT SOFTWARE**' and the name of the Respondent on the outer envelope.
- d) Hard copy of the Eol Response as well as 1 CD of the hard copy should be submitted to **Shri Yashwant Kumar , Assistant Director General, UIDAI Office, Planning Commission, Govt. of India (GoI), 9th Floor, Tower I, Jeevan Bharati Building, Connaught Circus, New Delhi - 110001 on or before 1500 Hrs of 5th May, 2012.**

6.2. Mandatory List of Documents to be Submitted with the Eol Response

- i) Certificate of Incorporation from the Registrar of Companies or Certificate of Registration of Firm
- ii) Declaration from the Directors/ Partners citing that the organization has not been blacklisted by any Central/ State/ UT Government and has not been charged for any fraudulent activity and not be under a declaration of ineligibility for corrupt practices. The NGO/ Not-for-Profit organization must also provide declaration from the Directors citing that it is non-political and non-denominational organization with no affiliation to any political parties or religion.
- iii) Proof for Eol Respondent's PAN, VAT No., and Service Tax number.
- iv) Power of Authorization (Please refer to **Clause 1.11**)
- v) **Eol Response Particulars** as per format prescribed in **Form I.**
- vi) **Eol Response Letter** as per format prescribed in **Form II.**
- vii) **Profile of the Eol Respondent** as per format prescribed in **Form III.**
- viii) **Eol Response Form – Technical Specifications** as per format prescribed in **Form IV.**
- ix) **Technical Brochures/ Data Sheets of the Devices Offered**

EoI PARTICULARS

RESPONSE PARTICULARS for EoI Reference Number: K-11020/31/2012-UDAI

1. Name of the Respondent _____
2. Address of the Respondent _____
3. Name of the Manufacturer/Developer of the Product(s) offered _____
4. Address of the Manufacturer/Developer of the Product(s) offered _____
5. Place of Manufacture/Development of the Product(s) offered _____
6. Service facilities available for maintenance _____
7. Availability of spare parts (for hardware components) _____
8. Respondent's proposal number and date _____
9. Name & address of the officer to whom all references shall be made regarding this EoI _____
Tel. No. : _____ Cell No. _____
Fax No. : _____
Email ID: _____

Witness :

Signature _____
Name _____
Address _____
Date _____

Respondent :

Signature _____
Name _____
Designation _____
Company _____
Date _____

Company Seal

EoI RESPONSE LETTER

To

The Deputy Director General,
 Unique Identification Authority of India (UIDAI),
 Tower 1, 9th Floor,
 Jeevan Bharati Building,
 Connaught Place,
 New Delhi 110001.

Ref : EoI Reference Number: K-11020/31/2012-UDAI

Sir,

We declare that:

- i) We are Manufacturers/ Authorized Agents/ Distributors/ Partners/ Suppliers of -----

- ii) We/ our OEMs are equipped with adequate machinery for production quality control and testing of offered products manufactured/developed and used by us and that our development establishment is open for inspection by the representatives of the **Unique Identification Authority of India**.
2. We enclose herewith the complete EoI Response as required by you. This includes the following Documents:

S. NO.	CONTENTS
1	EoI Response Particulars (Form I)
2	EoI Response Letter (Form II)
3	Profile of the EoI Respondent (Form III)
4	EoI Response Form – Technical Specifications (Form IV) in respect of each of the GPS Devices offered
5	Technical Brochures/ Data Sheets of the Devices Offered
6	Certificate of Incorporation from the Registrar of Companies or Certificate of Registration
7	Proof for EoI Respondent's PAN, VAT No., and Service Tax number.
8	Declaration from the Directors citing that the organization has not been blacklisted by any Central/ State/ UT Government

3. We have carefully read and understood the terms and conditions of the EoI Document.
4. Certified that the Respondent is:
- c) The Constituted attorney of the company and the person signing the EoI Response is the constituted attorney of the Company.
 OR
- d) The Principal Officer or his duly Authorized Representative of the company, and he has the authority to refer to arbitration disputes concerning the business of the Company by virtue of the general power of attorney
- (NOTE: Delete whatever is not applicable. All corrections/ deletions should invariably be duly attested by the person authorized to sign the tender document.)**

Dated this day of 2012

Signature of Respondent :
Name :
Full Address :
Telephone No. :
Fax No. :
Mail Id. :

Details of enclosures:

PROFILE OF THE EoI RESPONDENT

A. General Information:

- i) Location of Corporate/ Firm Head Quarters
- ii) Date and Country of Incorporation/ Registration of Firm
- iii) Manufacturing facility(ies) Location & Size
- iv) Service facility(ies) Location
 - (a) No. in India
 - (b) Average value of inventory of spares per service location.
- v) Technical Collaborators (if any)
- vi) Turnover
 - (a) Average turnover for last three years.
 - (b) Product-wise turnover for last three years.
- vii) Geographical Distribution of the Vendor (offices, locations to be specified with their respective staff strength).
- ix) Total number of installations of the product model quoted / year of announcement
 - (a) World-wide (excluding India)
 - (b) In India
- x) Number of Employees
 - (a) Total Number
 - (b) Manufacturing
 - (c) R & D (if any)
 - (d) Hardware maintenance
 - (e) Software
- xi) Representation in India (only if the Respondent is a company not incorporated in India)
 - (a) Through affiliate / subsidiary / Authorised representative.
 - (b) Points (i) to (viii) and (xi) to be given for the affiliate / subsidiary / authorised representative (if any).

Witness :

Signature -----
Name -----
Address -----
Date -----

Respondent :

Signature -----
Name -----
Designation -----
Company -----
Date -----

Company Seal

FORM IV

EoI RESPONSE FORM – TECHNICAL SPECIFICATIONS

(Note: This Form should be filled for each Model of GPS Device offered for Testing)

Name of Organization	
Contact Person's Name	
Contact Person's address & contact details (phone and email)	

GPS Device Specifications:		
S.No.	Parameter	Technical Specification of the Device Offered
1.	Make	
2.	Model	
3.	Number of channel to acquire and track satellites simultaneously.	
4.	Sensitivity: Acquisition Sensitivity (in -dBm) Tracking Sensitivity (in -dBm)	
5.	TTFF (Time to First Fix): Cold start (in seconds) Warm start (in seconds) Hot start (in seconds)	
6.	Accuracy (in Meter)	
7.	Supports USB 2.0 Interface or Bluetooth interface	
8.	Baud rate : 4800 ~ 115200 bps	
9.	Driver support Windows, Linux	
10.	Working Temperature -20 °C to +60 °C	
11.	Protocol/Standard supports (like NMEA-0183 etc.)	
Testing Support:		
12.	No. of devices that can be provided (minimum four)	
13.	No. of technical manpower that can support integration & testing	

Witness :
Signature -----
Name -----
Address -----
Date -----

Respondent :
Signature -----
Name -----
Designation -----
Company -----
Date -----

Company Seal