

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

Reference Number: 26016/47/12-Tech



**EXPRESSION OF INTEREST**  
**"Hiring of Data Centre space & Facilities for Unique  
Identification Authority of India at Bengaluru"**

**April 2013**

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## 1. Expression of Interest

- (i) This is an invitation from Unique Identification Authority of India (“UIDAI”) for submission of Expression of Interest (EOI) response for "Hiring of Data Centre space & Facilities for Unique Identification Authority of India at Bengaluru"
- (ii) UIDAI is looking at this engagement as a complete set of services provided as per the scope of work for Data Centre service provider (DCSP) agency. Response forms to be provided by the prospective respondents are provided in the Annexure. Details of pre-qualification criteria are available under “Clause 5 - Details of Tender”.
- (iii) This document should not be construed as Tender / Request for Proposal (RFP).
- (iv) Prospective respondents are advised to study the EOI document carefully. Submission of EOI shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications.
- (v) The EOI document can be downloaded from the UIDAI website (<http://uidai.gov.in/>). The cost of EOI document should be remitted in the form of a demand draft enclosed with response to EOI document. The Bank Draft of amount Rs 5000/- (Rupees Five Thousand only) should be drawn in favor of “PAO, UIDAI, New Delhi” and payable at New Delhi. Please note that the EOI response of a respondent shall not be entertained in case the cost of EOI document is not paid by them as per the details mentioned above.
- (vi) Sealed EOI response prepared in accordance with the procedures enumerated in EOI document and submitted along with the Earnest Money Deposit (EMD) & cost of EOI. The EOI should be submitted to the UIDAI not later than the date and time laid down, at the address given in the “Clause 1.1 Schedule for Invitation” to EOI.
- (vii) This EOI document is not transferable.
- (viii) The EOI should not be used by prospective respondents to market their Product or Services.
- (ix) UIDAI reserves the right to qualify or disqualify any or all EOI responses without assigning any reasons
- (x) UIDAI reserves the right to update, amend and supplement the information in EOI document including qualification process at its discretion but before the date of submission of response to EOI as per “Clause 1.1 Schedule for Invitation” to EOI.

### 1.1 Schedule for Invitation to EOI

S. No	Items of Information	Information
1	Name of the Purchaser	Unique Identification Authority of India (“UIDAI”), Planning Commission, Government of India
2	Addressee and Address at which EOI Response to be submitted	Mrs. Amutha Arunachalam ADG Unique Identification Authority of India (UIDAI), Planning Commission, Govt. of India (Gol), 3rd Floor, Tower II, Jeevan Bharati Building, Connaught Circus, New Delhi – 110001
3	Latest time and date for	30th April 2013, 14:00 Hours IST

	submission of EOI Response	
4	Place, Time and Date of opening of response to EOI	Unique Identification Authority of India (UIDAI), Planning Commission, Govt. of India (Gol), 3rd Floor, Tower II, Jeevan Bharati Building, Connaught Circus, New Delhi – 110001  30 April 2013, 15:30 Hours IST
5	Name of the contact person for any clarification	Mrs. Amutha Arunachalam ADG Unique Identification Authority of India (UIDAI),  Queries should be submitted via E-mail and followed by paper copy in post.  E-mail – <a href="mailto:dcsp10k@uidai.gov.in">dcsp10k@uidai.gov.in</a> CC – <a href="mailto:amutha@uidai.gov.in">amutha@uidai.gov.in</a>
6	Last date for submission of Queries	25 April 2013, 17:00 Hours IST
7	Date till which the EOI response should be valid	180 calendar days from the date of opening of EOI responses

## 2 Introduction

### 2.1 About the Unique Identification Authority of India

The Unique Identification Authority of India (UIDAI) has been created by the Government of India as an attached office under the Planning Commission. Its role is to develop and implement the necessary institutional, technical and legal infrastructure to issue Unique identity numbers to Indian residents. The Unique ID project is expected to lay the foundation for all future e-Governance projects in India in the coming decades. It is with this background that India's Unique ID initiative has been christened as "Aadhaar" (a Hindi word meaning "foundation").

### 2.2 Intent

The Director General of Unique Identification of Authority of India (UIDAI) is Expression of Interest (EOI) for "Hiring of Data Centre space & Facilities for Unique Identification Authority of India in Bengaluru region".

## 3 Project Overview

The Director General, UIDAI is inviting EOI response from eligible bidders (hereafter called as Data Centre Service Provider DCSP)

- a. This EOI Document has been prepared solely for the purpose of enabling Unique Identification Authority of India (UIDAI) to shortlist eligible bidders.
- b. The EOI Document is not recommendation, offer or invitation to enter into a contract, agreement or any other arrangement, in respect of the services. The provision of the services is subject to observance of selection process and appropriate documentation being agreed between the UIDAI and any successful Bidder as identified by the UIDAI, after completion of the selection process as detailed in this document.
- c. UIDAI invites proposal from Data Centre Service Provider (DCSP) primarily undertaking inter-alia the activities for UIDAI in respect of co-hosting services spread over in the following manner.
- d. The Bidder should offer data centre space as per Annexure-I, "Schedule of Requirement" and additional space for support areas. The total DC space required is a carpet area and Bidder should account necessary built up area and space of other utility services accordingly.
- e. The Bidder should provide the ready to move-in data centre space as per the timelines stipulated in this EOI document as per UIDAI requirement.
- f. The DCSP has to ensure that the desired objective of hosting the UIDAI IT infrastructure is completely met and sign Service Level Agreement for an uptime of 99.982%.
- g. The proposed Data Centre building should be owned by DCSP. In case the building is leased then the available period of lease should not be less than 3 years without any interruption from the stipulated date of submission of bid. The DCSP shall pay all taxes & comply with the rules and regulations as laid by the Government.
- h. The building/ property shall be insured on a comprehensive basis from all Natural, Manmade disasters or any other similar disasters.

## 4 Schedule of Requirement

Refer attached **Annexure-I**

## 5 Details of Tender

### 5.1 Tender Methodology

The tender methodology proposed to be adopted will be in two stages, comprising of Expression of Interest in the first stage. The second stage of tendering process will comprise of inviting techno-commercial bids by issuance of Request for Proposal (RFP) to EOI respondents, shortlisted on the basis of pre-qualification criteria mentioned under “Clause 5.3 Pre-Qualification Criteria” and Site Inspection, state of data centre space readiness, availability of data centre space as per UIDAI’s requirement as stipulated in Annexure I. The EOI process also envisages the sharing the required technical expertise and experience with UIDAI.

### 5.2 Earnest Money Deposit (EMD)

An EMD of Rs. 25,00,000 (Rupees Twenty Five Lacs only), in the form of a bank guarantee issued by a Nationalized / Scheduled Bank and valid for 60 days beyond the validity period of the EOI, in the pro-forma provided as Annexure-IV (EMD Form), should be submitted along with the EOI response. The EMD of the unsuccessful respondents would be returned within one month of issuing of RFP to successful respondents. In the case of successful respondents however, the bank guarantee would remain in force till RFP evaluation process is complete. Accordingly, the successful respondents may have to extend the EMD, if required, till such time.

### 5.3 Pre-Qualification Criteria

The EOI response envelopes of only those Respondents, whose EMD and EOI document fees are in order, shall be opened. The EOI response bids will then be evaluated and shortlisted on the basis of prequalification criteria, Site Inspection, State of data centre space readiness, availability of data centre space as per UIDAI’s requirement as stipulated in Annexure I. The bidders should clearly indicate, giving explicit documentary evidence with respect to each criterion, in absence of which, the response would be rejected summarily at the pre-qualification stage.

#### 5.3.1 Data Center Physical Infrastructure Services

Data Center Physical Infrastructure services, here-in after termed ‘Services’, shall include ready to move in Data Centre Co-location Space in the field of Electrical systems, UPS Systems, DG Sets, Computer Room Precision Air-Conditioners, Building Management System, Safety & Security System, Civil & Interior works and related services.

The respondents will be pre-qualified on the basis of following prequalification criteria:

Hiring of Data Centre space & Facilities, Unique Identification Authority of India (UIDAI)		
S. N	Description	Proof
1	The Bidder should be a Company registered in India under the Companies Act, 1956 and be in business for last three years ending 31/03/2013.	Copy of the Certificate of incorporation and amendment if any thereof
2	The Bidder should be in business of Data Center services for a minimum duration of two years and should have minimum annual turnover of Rs.100 Crore in each of the last three financial years ending 31/03/2013.	Audited Financial Statements  Balance sheets and P&L

<b>Hiring of Data Centre space &amp; Facilities, Unique Identification Authority of India (UIDAI)</b>		
<b>S. N</b>	<b>Description</b>	<b>Proof</b>
		statements for last two years
3	The bidder should have minimum annual revenue of Rs. 15 Crore from Data center related services in each of the last three financial years ending 31/03/2013.	Self declaration certificate duly certified by CEO/CFO/MD of the Bidder's organization
4	The bidder should currently have operational Data Center collocation space between 3000 Sq Ft and 6500 Sq ft (Space of IT Racks, PAHUs and PDU) for commercial use.	Self declaration certificate duly certified by CEO/CFO/MD of the Bidder's organization mentioning the address of the respective DC sites
5	The bidder should have hosted data center collocation space for minimum 2 customers and each customer availing at least 500 Sq feet DC space (Space of IT Racks, PAHUs and PDU) for a period of at least six (6) months on date of opening of pre-qualification bid.	Self declaration certificate duly certified by CEO/CFO/MD of the Bidder's organization mentioning the name of its customers, start date and duration of contract
6	The proposed data centre ready space should preferably be contiguous on same floor or on maximum two floors adjacent to each other or one above the other with common services shaft. The support area space proposed should be in same data center building however office area can be in other building but should be in same campus/premises.	Data Center Layout with indicating the respective rooms proposed for DC and support areas as per UIDAI's requirement and the layout shall be duly certified by CEO/CFO/MD of the Bidder's organization.  Sanction Power approval certificate from Electricity supplier company and an undertaking duly certified by the bidder's MD/CEO/CFO to make available sanctioned load for the UIDAI's data center at the time of the award of contract. Bidder shall also provide details of current load utilization and available spare capacity (kVA) which is sufficient for UIDAI's load requirement.
7	Bidder's services/contract should not have been terminated by any Ministry/Department of the Govt of India or by any State Government during the last three financial years on account of their default/negligence.  Bidder's should not have been blacklisted by any Ministry/department of the Govt of India or by any State Government	Bidder shall submit undertaking referring the eligibility criteria no-7 which should be duly signed by MD/CEO/CFO of its organization

Note:

- Government/PSU organization, which are in the business of providing data center collocation space are eligible to bid subject to availability of ready data center space and support area as per the EOI requirement and however the organization shall have to participate in EOI process and submit the response for evaluation by UIDAI.

#### **5.4 Evaluation of EOI Responses**

- (i) The evaluation of EOI Responses and short listing of respondents shall be paper-based and on the basis of site visit by UIDAI.
- (ii) UIDAI can at its sole discretion short list or reject any of the EOI responses without assigning any reason whatsoever.
- (iii) For documents to be submitted for pre qualification, refer to “Clause 5.5 Submission of EOI Response” and “Clause 5.3 Pre-Qualification Criteria”.

#### **5.5 Submission of EOI Responses**

The respondents are expected to submit the EOI responses, before due date and time, covering all the required information in the Proforma wherever provided. Incomplete or late EOI Responses are liable to be out rightly rejected.

The EOI responses should be submitted in a sealed envelope super scribing “EOI Response for Data Center Service Provider Agency Selection in Bengaluru” and the envelope should contain the following:

- (i) Two (2) hard copies of the EOI Responses with following documents :-
  - a. Annexure-II General Particulars
  - b. Annexure-III Declaration
  - c. Annexure V Minimum Data Centre space and size requirement
  - d. Annexure VI Minimum Requirements Compliance
- (ii) Demand Draft towards EOI Document Fee ,
- (iii) The EMD of requisite amount as stated under point 5.2.
- (iv) Two (2) soft copies in separate non-rewriteable CD-ROMs in MS Excel/Word format or any unlocked format

The Respondents must ensure that the documents/information furnished by them in the respective non-rewriteable CD-ROMs is identical to that submitted in the original paper EOI Response document. In case of any discrepancy observed by the UIDAI in the contents of the non-rewriteable CD-ROMs and the original paper EOI Response document, the documents/information furnished with original paper EOI Response document shall prevail over the soft copy.



## 6 Annexure

### Annexure-II General Particulars to be provided by the Respondents

The Respondent should provide the following particulars along with relevant supporting documentation:

- (i) Full Name of the Respondent
- (ii) Mailing address in India
- (iii) Telephone and fax number
- (iv) E-mail address
- (v) Name and designation of the person authorized to make commitments to UIDAI
- (vi) Year of establishment and constitution of organization
- (vii) Description of business and business background
- (viii) The bidder should provide proof of pre-qualification criteria's as mentioned under "Clause 5.3 , Pre-eligibility criteria" above

### Annexure-III Declaration (required on respondent's company letterhead)

- (i) We confirm that we will abide by all the terms and conditions contained in the EOI document.
- (ii) All the details mentioned above are true and correct and if UIDAI observes any misrepresentation of facts on any matter at any stage, UIDAI has the right to reject the proposal and disqualify us from the process.
- (iii) We hereby acknowledge and unconditionally accept that UIDAI can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the Request for Qualification and related documents, in short listing of Data Center Development Agency.
- (iv) We also acknowledge the information that this response of our Company for the UIDAI process of Request for Qualification is valid for a period of 180 calendar days for the short-listing purpose.
- (v) We also confirm that we have noted the contents of the including various documents forming part of it and have ensured that there is no deviation in filing our offer in response to the tender. UIDAI will have the option to disqualify us in case of any such deviations.
- (vi) We understand that the EMD furnished by us may be forfeited:
  - a. if we withdraw our participation from the EOI during the period of validity of EOI document;  
or
  - b. in the case we do not participate in the subsequent Tender process after having been short listed;

**Place:**

**Date:**

**Seal and Signature of the Respondent**

**Annexure-IV Proforma – EMD Form**

Whereas ----- (hereinafter called 'the Respondent') has submitted its EOI dated ----- for selection of Data Center Development Agency (DCDA) for the Unique Identification Authority of India ("UIDAI") (hereinafter called "the EOI Response")

KNOW ALL MEN by these presents that WE ----- of -----  
----- having our registered office at -----  
----- (hereinafter called "the Bank") are bound unto the Unique Identification Authority of India ("UIDAI") (hereinafter called "the Client") in the sum of ----- for which payment well and truly to be made to the said Client, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this ----- day of ----- 2011

THE CONDITIONS of this obligation are:

1. If the Respondent, having been notified of the acceptance of its EOI by the Client during the period of validity of EOI
  - (a) Withdraws his participation from the EOI during the period of validity of EOI document; or
  - (b) Fails or refuses to participate in the subsequent tender process after having been short listed in accordance of the EOI Document;

We undertake to pay to the Client up to the above amount upon receipt of its first written demand, without the Client having to substantiate its demand, provided that in its demand the Client will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 60 days after the period of EOI Response validity, and any demand in respect thereof should reach the Bank not later than the above date.

-----  
(Authorized Signatory of the Bank)

**Annexure V – Minimum Data Centre Space and size requirement**

<b>Data Centre Space Requirement</b>					
<b>S. N</b>	<b>Location</b>	<b>Description</b>	<b>Unit</b>	<b>Required Area (sq. ft)- Indicative</b>	<b>Data Center ready space proposed by Bidder in line with Annexure -1 requirement (Bidder to Specify)</b>
1	Total Data Centre Space/IT Production Area ( Indoor Carpet Area)	a. IT Rack b. CRAC units C. PDUs	sq. ft	<b>3,000</b>	
2	Support Area (Indoor Carpet Area)	<b>Total Area</b>	sq. ft	<b>2,100</b>	
		a. Office Area - 15 seats	sq. ft	600	
		b. Staging Room	sq. ft	150	
		d. Communication Room	sq. ft	600	
		e. Secured Storage Room	sq. ft	450	
		f. Media Storage Room	sq. ft	300	

<b>Rack Details</b>				
<b>Minimum Rack Requirement</b>				
<b>S. N</b>	<b>IT Load (rated load)</b>	<b>Location</b>	<b>Rack Qty (No's) Indicative</b>	<b>Rack quantity and Rack Density proposed (Bidder to specify)</b>
<b>A</b>				
1	6.5 kW/Rack (a) Medium Density	Data Center Space/ IT Production Area	76	
2	13.5 kW/ Rack ( b) High Density	Data Center Space/ IT Production Area	20	
	<b>Total-A</b>		<b>96</b>	
<b>B</b>				
1	4.5kW/ Rack	Staging Room	3	
2	4.5kW/Rack	Communication Room	10	
	<b>Total-B</b>		<b>13</b>	
	<b>Total A+B</b>		<b>109</b>	

## Annexure VI - Minimum Requirements Compliance

The Bidder shall comply to each the minimum requirement and provide the details along with relevant supporting documentation if applicable.

The table given below describes the DCSP solution compliance against the requirements mentioned in Annexure I – Schedule of requirement (Technical Specification and Minimum Requirement).

For any clause under consideration even if one of the sub-parameter/sub-clauses is not complied by the Bidder, the Bidder shall mention “NO” under the respective compliance section giving out the details of the non-compliance in the Remarks column. The only response under the compliance column can be a “YES” or “No”. Please do not leave the field blank or use words such as “partially complied”. Any such response shall be treated as Non-Compliance.

Hiring of Data Centre space & Facilities, Unique Identification Authority of India (UIDAI)				
Sr. No	Technical Specification & Minimum requirement (Clause Ref No ,Annexure I)	Description	Compliance Yes/No	Remarks/Details
1	3.1	General Technical		
2	3.2	Architectural and Structural		
3	3.2.1	Location		
4	3.2.2	Building		
5	3.3	Data Center Space(IT Production Area)		
6	3.4	Communication Room		
7	3.5	Staging Room		
8	3.6	Secure Storage Space(Store Room)		
9	3.7	Office Space		
10	3.8	Media Storage Room		
11	3.9	Services/Utility Room		
12	3.10	Electrical Systems		
13	3.10.1	Power		
14	3.10.2	Transformer		
15	3.10.3	Diesel Generator		
16	3.10.4	Main LT Distribution Panel		
17	3.10.5	Un-Interruptible Power Supply (UPS)		
18	3.10.6	Distribution Panels and Rack Distribution		
19	3.10.7	Earthing		
20	3.10.8	Lighting		
21	3.11	Heat Ventilation and Air-Conditioning		
22	3.11.1	Comfort HVAC		
23	3.11.2	Computer Room Precision Air Conditioning Units		

Hiring of Data Centre space & Facilities, Unique Identification Authority of India (UIDAI)				
Sr. No	Technical Specification & Minimum requirement (Clause Ref No ,Annexure I)	Description	Compliance Yes/No	Remarks/Details
24	3.12	Fire Alarm and Fire Suppression System		
25	3.12.1	Fire Detection and Alarm System		
26	3.12.2	Gas Based Automatic fire Suppression System		
27	3.13	Security Systems		
28	3.13.1	Access Control System		
29	3.13.2	Closed Circuit Tele Vision System(CCTV)		
30	3.13.3	Physical Security		
31	3.14	BMS System		
32	3.15	Network Setup & Racks		
33	3.16	LAN Cabling		
34	3.16.1	Structured Fiber Cabling		
35	3.16.2	Structured Copper Cabling		
36	3.17	Other Requirement		
37	3.18	Facility Management and O&M Team		
38	3.19	Operational Requirements		