

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY
UNIQUE IDENTIFICATION AUTHORITY OF INDIA
NEW DELHI

REQUEST FOR PROPOSAL



**Supply, Installation, Commissioning
And Post Warranty Maintenance of
IT Network Equipment**

RFP Number: T-11014/23/2017-Tech

Dated 02, August, 2017

Disclaimer

1. The information contained in this Request for Proposal document (RFP) or subsequently provided to the Bidders, whether verbally or in documentary or in any other form by or on behalf of the Purchaser or any of its employees or advisors, is provided to the Bidders on the terms and conditions set out in this RFP and all other terms and conditions subject to which such information is provided.
2. This RFP is not an Agreement and is neither an offer nor an invitation by the Purchaser to the Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their Proposals. The information is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law.
3. While reasonable care has been taken in providing information in this RFP, the Bidders are advised not to rely on this information only but also carry out their independent due diligence and risk assessments before submitting their response to this RFP. Further, the Bidders are advised to conduct their own analysis of the information contained in this RFP, carry out their own investigations about the project, the regulatory regime which applies thereto and all matters pertaining to the Purchaser and to seek their own professional advice on the legal, financial and regulatory consequences of entering into an agreement or arrangement relating to this RFP.
4. The information contained in this RFP is subject to update, expansion, revision and amendment prior to the last day of submission of the bids at the sole discretion of the Purchaser. In case any major revisions to this RFP are made by the Purchaser within seven days preceding the last date of submission of the Proposals, the Purchaser may, at its discretion, provide reasonable additional time to the Bidders to respond to this RFP. Neither the Purchaser nor any of its officers, employees nor any advisors nor consultants undertakes to provide any Bidder with access to any additional information or to update the information in this RFP.

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1 Section I – Invitation to Bid

1.1 Preamble

This invitation to bid is for “**Supply, Installation, Commissioning and Post warranty maintenance of IT Network Equipment**” in the Data Centers of Unique Identification Authority of India at Hebbal, Manesar and two upcoming DCs

- a) Bidders are advised to study the Bid document carefully. Submission of bids shall be deemed to have been done after careful study and examination of the bid document with full understanding of its implications. Offers/documents prepared in accordance with the procedures enumerated in **Clause 2.1** should be submitted to UIDAI not later than the date and time laid down at the address given in the **Schedule for Invitation to Bid under Clause 1.2.1**.
- b) Bidders are advised to study the Bid document carefully. Online Submission of bids shall be deemed to have been done after careful study and examination of the bid document with full understanding of its implications. Bid offers prepared in accordance with the procedures enumerated in **Clause 2.1** should be submitted online only through CPPP website: <https://eprocure.gov.in/eprocure/app> not later than the date and time laid down at the address given in the **Schedule for Invitation to Bid under Clause 1.2.1**. Tenderer/Contractor are advised to follow the instructions provided in the ‘Instructions to the Contractors/Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>’. Bid documents may be scanned with **100 dpi with black and white option** which helps in reducing size of the scanned document.

Manual bids will not be accepted.

- c) Not more than one tender shall be submitted by one bidder or bidders having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e when one or more partner(s)/director(s) are common) be allowed to tender for the same

contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

- d)** Tenderer who has downloaded the tender from the UIDAI website www.uidai.gov.in and Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, shall not tamper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and Bid Securing Declaration will be executed/ EMD would be forfeited and tenderer is liable to be banned from doing business with UIDAI.
- e)** Intending bidders are advised to visit again UIDAI website www.uidai.gov.in and CPPP website <https://eprocure.gov.in/eprocure/app> at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.
- f)** The Hard Copy of original instruments in respect of cost of tender document, Bid Securing Declaration/ EMD, original copy of affidavits, certificate, etc must be delivered to the address as mentioned in the clause 1.2 on or before bid opening date/time as mentioned in critical date sheet. Tenderer may reject the bid for non-submission of payment instrument like DD, etc., against the submitted bid. The tender fee shall be non refundable.
- g)** Bids will be opened as per date/time as mentioned in clause 1.2. After online opening of Technical Bid the results of their qualification as well Financial Bid opening date will be intimated later.
- h)** All Bids must be accompanied by Bid Securing Declaration or **EMD (Earnest Money Deposit) / Bid Security**.
- i)** The Pre-Qualification criteria for the bidders should be fulfilled for consideration of the bid.

1.2 Schedule for Invitation to Bid

a)	Name of the Purchaser	The Chief Executive Officer, Unique Identification Authority of India (UIDAI), Ministry of Electronics & Information Technology, Govt. of India (GoI), 9 th Floor, Tower I, Jeevan Bharati Building, Connaught Circus, New Delhi – 110001
b)	Name of the Contact Person for any clarification	Shri Saibal Sen, Section Officer (Tech), Unique Identification Authority of India (UIDAI), Ministry of Electronics & Information Technology, Govt. of India (GoI), 9 th Floor, Tower I, Jeevan Bharati Building, Connaught Circus, New Delhi – 110001. Queries should be submitted via E-mail and followed by paper copy by post E-mail – sotech@uidai.gov.in
c)	Date till which the response to the bid should be valid	180 days from the date of opening of Pre-Qualification Bids.

1.2.1 Important Dates

The following table provides information regarding the important dates of the Bid process for this Bid:

Activity	Date
Published Date	02.08.2017 at 1800 Hrs.
Pre-Bid Conference Time, Date, & Venue	<p>10.08.2017 at 1500 Hrs.</p> <p>Venue: Conference Hall, 3rd Floor, Tower 2, Jeevan Bharti Building, Connaught Circus, Delhi.</p> <p>Note: A maximum of three representatives per Bidder would be allowed to participate. Bidders will have to intimate the details of the attendees at least 2 days prior to the scheduled date of the Pre-bid conference at the email ID : sotech@uidai.gov.in</p>
Submission of Clarification, if any	<p>14.08.2017 on or before 1700 Hrs.</p> <p>All the queries should be received on or before the prescribed date & time, through email only with subject line as follows:</p> <p>“RFP for appointment of bidder_Pre Bid Queries _<Bidder’s Name>”.</p> <p>The queries should be submitted as per the format prescribed in clause 2.5. The Pre-Bid queries to be sent at the email ID : sotech@uidai.gov.in</p>

Clarification / corrigendum to be uploaded on the CPP Portal	<p>23.08.2017 at 1800 Hrs.</p> <p>Note: Purchaser shall not be obligated to respond to any or all the queries. Purchaser may, at its sole discretion, choose to publish responses to the pre-bid queries and/or any corrigendum on Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) or may send the same through e-mail or any other means.</p>
Bid Submission Start Date	24.08.2017 at 1000 hrs
Bid Submission End Date	<p>08.09.2017 at 1500 hrs</p> <p>Proposals and supporting documents shall be signed, scanned and uploaded in the format and mode as provided for in the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) for this RFP. Documents should be signed by the authorized signatory of the Bidder.</p>
Opening of Technical Bids	<p>11.09.2017 at 1500 hrs</p> <p>Venue: UIDAI HQ, New Delhi</p> <p>Note: A maximum of two representatives per bidder would be allowed to participate</p>
Opening of Financial Bids	Will be communicated later
Date of Reverse Auction	Will be communicated later

Note: The above dates, time and venue may be altered by the Purchaser at its sole discretion after giving prior notice to the Bidders. Some of the information provided in the above table is further elaborated in the subsequent sections of this RFP and the

information provided in the table and subsequent sections of this RFP are to be read in conjunction and are to be interpreted harmoniously.

1.2.2 Other Details

Area	Description
Method of Selection	L 1 based upon Net Present Value (NPV) determined through reverse auction process (RAP). (However total value of the project is on actual mentioned in annexures at 4.2.3, 4.2.4 and 4.2.5 and revised based on reverse auction)
Availability of RFP Documents	Notice Inviting Tenders (NIT) would be available on Central Public Procurement Portal (URL: http://eprocure.gov.in/eprocure/app) and also on UIDAI.gov.in under Tender section
Tender Fee (Non-Refundable)	INR 1,000/- by DD from a nationalised/scheduled bank in favour of Unique Identification Authority of India, payable at New Delhi (Original instruments to be submitted whereas Signed and scanned copy to be uploaded) Tender fee exempted for MSE/NSIC registered companies.
Bid Securing Declaration or Earnest Money Deposit (EMD)	INR 58 Lakh by Bank Guarantee (as per format attached in Appendix C) or Bid Securing Declaration (as per format in Appendix J)
Submission of EMD and Tender fee (Physical hard copy submission)	Bidders shall submit Bid Securing Declaration / EMD and Tender Fee in a sealed envelope titled “Bid Securing Declaration/EMD and Tender Fee - RFP for Supply, Installation, Commissioning and Post

Area	Description
	<p>Warranty maintenance of IT Network Equipment” to the address as mentioned in clause 1.2 (b) before the bid submission end date.</p> <p>Copy of Bid Securing Declaration/EMD and Tender Fee also needs to be uploaded on e-procure portal under the separate cover as provided above.</p> <p>If the Bid Securing Declaration/EMD and Tender fee are not received by the prescribed date and time, the Proposal submitted by the Bidder will be liable to be summarily rejected.</p>
Date and time for Opening of Commercial Bids.	To be intimated later
Language of Bid Submission	Proposals should be submitted in English only.
Currency	Currency in which the Bidders may quote the price and will receive payment is INR only.

1.3 Check list

Please check whether following have been enclosed in the respective covers, namely, **Pre-Qualification Bid, Technical Bid and Commercial Bid**:

1.3.1 Check List of Documents to Be Uploaded in the Pre-Qualification Bid i.e. Packet – 1 (Pre-Qualification Bid, Technical Bid)

Details to be referred in clause 2.18.

S. No.	Pre-Qualification Condition	Whether Enclosed (Y/N)	Page No.
--------	-----------------------------	------------------------	----------

(i)	a) Submission and uploaded copy of EMD of the prescribed amount as per clause 1.1 (h), 2.18 (1) and validity pursuant to Clause 2.3 or Bid Securing Declaration b) Submission and uploaded copy of payment of Tender Document fee as per clause 2.18 (1) and clause 2.2		
(ii)	Bidder's Profile in the format prescribed in Appendix D		
(iii)	Legal Entity/ Registration of company		
(iv)	Registration Certificate (Self-Certificate for compliance with Tax Authorities)		
(v)	Revenues from System Integration Services		
(vi)	Letter of Alliance with Major OEMs		
(vii)	Bidder Experience in India		
(viii)	Copy of certification		
(ix)	Self-Declaration on Banning of Business		
(x)	Declaration for authorised signatory as mentioned in clause 2.12		

Important Note: Above list should be duly filled and uploaded

1.3.2 Check List of Documents to be Uploaded in Technical Bid i.e. Packet – 1 (Pre-Qualification Bid, Technical Bid)

S. No.	Description	Whether Enclosed (Y/N)	Page No.
(i)	Bid Particular under Technical Bid (Annexure 4.1.1)		
(ii)	Technical Bid Letter (Annexure 4.1.2)		
(iii)	Declaration For The Goods Offered (Annexure 4.1.3)		
(iv)	Delivery Schedule (Annexure 4.1.4)		
(v)	Warranty (Annexure 4.1.5)		

(vi)	Manufacturer's Authorization Form (Annexure 4.1.6)		
(vii)	Statement of Undertaking from OEM (Appendix E)		
(viii)	Scanned and also filled excel sheet format of Hardware Compliance Checklist (Appendix H)		
(ix)	Un-priced BoQ with Model and Make (format as mentioned in BoQ_xxxx.xls but without any cost mentioned)		
(x)	Reverse Auction process a) Compliance Statement (AppendixI-1) b) Letter of participation (AppendixI-2)		

Important Note: Above list should be duly filled and uploaded

1.3.3 Check List of Documents be uploaded in the Commercial Bid i.e. Packet -2 (Commercial Bid)

S. No.	Description	Whether Enclosed (Y/N)	Page No.
(i)	Bid Particulars under commercial Bid (Annexure 4.2.1)		
(ii)	Commercial Bid Letter (Annexure 4.2.2)		
(iii)	Summary of Cost of Goods and Services offered (Annexure 4.2.3)		
(iv)	Quoted Cost of Equipment (Annexure 4.2.4)		
(v)	Total Cost of AMC for 4 years (Annexure4.2.5)		
(vi)	Filled Priced BoQ (excel file) with Model and Make		

Important Note: Above list should be duly filled and uploaded

2 Section II- Instruction to Bidders

2.1 Procedure for Submission of Bids

- a) A two packet Bid System will be followed for this RFP which includes Pre-Qualification Bid, Technical Bid and Commercial Bid. After opening of commercial bid, Reverse Auction Process Based Selection of bidder will be done.

Packet-1(Pre Qualification and Technical bid) having viz.,

- Part I – Tender Fee + Bid Securing Declaration/EMD + Checklist with Y/N as mentioned in clause 1.3.1 + Documents as per check list
- Part II - Technical Bid Submission (Checklist with Y/N as mentioned in clause 1.3.2 + Documents as per check list)

Sequence of documents to be followed as per checklist and proper index to be provided

Packet-2(Commercial Bid)having viz.,

- Financial Bid Submission (Checklist with Y/N as mentioned in clause 1.3.3 + Documents as per check list)
- Schedule of price bid in the form of BOQ_XXXX.xls

Sequence of documents to be followed as per checklists and proper index to be provided

The reverse auction will be initiated in the portal after opening of financial bid.

- b) This RFP process will be administered through the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>). The Bidders are required to submit soft copies of their proposals electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the Bidders in registering on the CPP Portal, preparing their proposals in accordance with the requirements defined in this RFP and submitting their

proposals on the CPP Portal. More information for submitting the Bids online on the CPP Portal may be obtained at <https://eprocure.gov.in/eprocure/app>.

- c) The Bidders are required to enrol on the e-procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link. Enrolment on the CPP Portal is free of charge. As part of the enrolment process, the Bidders will be required to choose a unique username and a password for their accounts. Upon enrolment, the Bidders will be required to register their valid digital signature certificate (Class II or Class III certificates with signing key usage) issued by any Certifying Authority recognized by the Controller of Certifying Authorities, India with their profile. Only one valid DSC should be registered by a Bidder. The DSC should be in the name of the person duly authorized by the Bidding entity to do all acts necessary for submitting the Proposal and execution of work under this RFP. The Bidders are responsible to ensure that only the authorised persons may use the DSCs. The Bidder then logs in to the site through the secured log-in process by entering the user ID / Password and the Password of the DSC / eToken.
- d) All the pages of the Bid must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bid. Failure to submit the Bid on time could cause a proposal to be rejected. The Purchaser will not accept delivery of the Bid by fax/e-mail or any other electronic/non-electronic means other than uploading on the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>).
- e) There are various search options available on the CPP Portal to facilitate the Bidders to search active RFPs by several parameters. These parameters include RFP ID, organization name, location, date, value etc. There is also an option for advanced search for active RFPs, wherein the Bidders may combine a number of search parameters such as organization name, location, date, etc. to search for an RFP published on the CPP portal. Once the Bidders have selected the RFP they are interested in, they may download the required documents / RFP schedules. These RFP documents can be moved to the respective “My Tenders” folder. This will enable the CPP Portal to intimate the Bidders through SMS / e-mail in case there is any Corrigendum issued to the RFP document. The

Bidder should make note of the unique RFP ID assigned to each RFP, in case they want to obtain any clarification / help from the Helpdesk.

- f) The Bidder should take into account any Corrigendum to this RFP document that may have been published before submitting their Bids.
- g) The Bidders are requested to go through the RFP advertisement and the RFP carefully to understand the documents required to be submitted and the process to be followed as a part of the Bid. Any deviations may lead to rejection of the Bid. The Bid documents can generally be in the PDF/ XLS/ RAR formats. The Bid documents may be scanned with 100 dpi with black and white option.
- h) The Bidder should try to submit the Bid well before the last date and hence to avoid any inconvenience at the last moment. The Bid submission date and time will be as mentioned in the clause 1.2 of this RFP. The Bidder will not be allowed to submit the Bid after the Bid submission time. The Bidder has to digitally sign and upload the required Bid documents one by one as indicated in this RFP. The Bidder shall furnish, as part of its Bid, Bid-Securing Declaration or an EMD amount as mentioned. In case of EMD, the Bidder has to select the payment option as “Offline” to pay the EMD as applicable and enter the details of the instrument. The Bidder shall seal the EMD envelope containing the original Bank Guarantee. The Bidder shall mark its name and RFP reference number on the reverse of the Bank Guarantee before sealing the same. The address of the Purchaser, Name and Address of the Bidder and the RFP Reference Number shall be marked on the envelope. The envelope shall also be marked with a sentence “NOT TO BE OPENED BEFORE THE DATE AND TIME OF PRE-QUALIFICATION BID OPENING”. If the envelope is not marked as above, the Purchaser will not assume any responsibility for its misplacement, pre-mature opening etc.
- i) A standard BoQ format has been provided with this RFP document to be filled by all the Bidders. The Bidders should necessarily submit their financial Bids in the format provided and no other format will be acceptable. The BoQ format for this RFP can be downloaded from the CPP Portal.
- j) All the documents being submitted by the Bidders will be encrypted using PKI encryption techniques to ensure the secrecy of data. The data entered cannot be viewed by unauthorised persons until the time of Bid opening. The confidentiality of the Bids is maintained using the secured socket layer 128 bit

encryption technology. Data storage encryption for sensitive fields is done. The uploaded Bid documents become readable only after the Bid opening by authorized Bid openers.

- k) Upon successful and timely submission of Bids, the portal will give a successful Bid submission message and a bid summary will be displayed with the Bid number and the date and time of submission of the Bid with all other relevant details.
- l) The Bidder is allowed to re-submit the Bid and related Bid documents before the last date of Bid submission and time. The Bid can be re-submitted as many times as required by the Bidder, within the indicated timelines. The last version of the Bid submitted by the Bidder before the Bid submission date and time will be considered for Bid evaluation.
- m) The Bidder is permitted to withdraw his Bid before the last date of Bid submission and time through the CPP Portal. The bidder should provide the supporting reasons for bid withdrawal and attach the supporting letter to the Purchaser.
- n) Any queries relating to this RFP document and the terms and conditions contained therein should be addressed to the RFP Inviting Authority and the relevant contact person indicated in this RFP. Any queries relating to the process of online Bid submission or queries relating to the CPP Portal in general may be directed to the 24*7 CPP Portal Helpdesk. The national toll free number for the helpdesk is 18002337315.

Bidders are advised to study the Bid document carefully. Online Submission of bids shall be deemed to have been done after careful study and examination of the bid document with full understanding of its implications. Bid offers prepared in accordance with the procedures enumerated in clause 2.1 (a) should be submitted online only through CPPP website: <https://eprocure.gov.in/eprocure/app> not later than the date and time laid down at the address given in the **Schedule for Invitation to Bid under Clause 1.2.**

2.1.1 Reverse Auction

1. After opening of the commercial bids, reverse auction process (RAP) will be done for the bidders who are eligible to participate in the e-auction as per the scheduled date and time to be intimated later.
2. After opening of the commercial bids, the lowest NPV quoted by the bidders will become the auction start price for auction and the participant bidders have to quote below the auction price in the auction.
3. The Bidder shall bid lower than the opening price in multiples of the decrement value, but a Bidder must always bid lower than the Lowest Bid.
4. The auction will be done on NPV (to be entered by bidder) which will be derived based upon Capex (of 3 year warranty) and Opex (of 4 year AMC) as mentioned in para 24 below. It is exclusive of any taxes
5. Only one bidder shall be at a particular position / rank, which means only one L1.
6. The minimum decrement value will be Rs 1,00,000/- (Rs One Lakh only) from the start bid price. The reduction shall have to be made as per decrement value or in multiple thereof.
7. The Bidder will be able to view the following on his screen along with the necessary fields: i) Opening Price. ii) Leading Bid in the Auction, i.e., the lowest bid. iii) Bid placed by him. At no point of time will any bidder see the names of other bidders, or the prices of bidders other than the lowest bid.
8. A bidder can continue to revise his bid till the auction ends. However, the Bidder cannot quote/Bid equal to the Leading / Lowest Bid. He must always quote lower than the Leading/Lowest Bid.
9. The evaluation criteria is based on Price alone in auction. The Bidder who quotes the lowest evaluated Price (NPV) is determined as the lowest bidder.
10. System protects bid and bidder information till auction gets over and displays current L1 price to the bidder.
11. Initial period of reverse auction will be two hours in the slot of 10 minutes. There will be auto extensions of time every time by ten minutes in case of any reduction recorded in the last ten minutes. The reverse auction will come to a close only when there is no further reduction recorded in the last ten minutes slot.
12. The log details of the entire reverse auction process will be generated by the system once the process of reverse auction is completed.

13. If a bidder does not submit his bid in the Reverse Auction, the price quoted by him in the price bid shall be considered as the valid price of that bidder. The status of the bidder (L1, L2 etc) shall be evaluated considering either the bid price submitted in Reverse auction or the Price quoted in the price bid, whichever is lower.
14. Since, reverse auction is a sequel to e-tender, the process of finalizing the tender upon completion of reverse auction will be same as the tender process without reverse auction.
15. The bid history shall reflect only the NPV exclusive of taxes. The NPV will not be same for two bidders even if any bidder makes such an attempt.
16. Only the chronologically last price bid submitted by the bidder till the end of the auction shall be considered as the valid price bid of that bidder. Any bid submitted earlier by the bidder prior to submission of his last bid will not be considered as the valid price bid.
17. Server time shall be the basis of Start time & Closing time for bidding and shall be binding for all. This would be visible to all concerned.
18. All electronic bids submitted during the reverse auction process shall be legally binding on the bidder. The chronologically last bid submitted by the bidder till the end of the auction will be considered as the valid price bid offered by that bidder and acceptance of the same by UIDAI will form a binding contract between UIDAI and the bidder for entering into a contract.
19. Conditional discounts shall not be considered. If a bidder offers a discount unilaterally after submission of bid, the discount shall not be considered for evaluation of offers but shall be availed if order is placed on such tenderer.
20. If the lowest price received during reverse auction is unreasonable or it is unacceptable on ground of being too high compared with estimated price, the UIDAI management reserves right to seek justification of the price from lowest bidder. If the price is not considered reasonable, management may not accept such bid and go for another tender process.
21. In case of disruption of service at the service provider's end while the RAP is online, due to any technical snag or otherwise attributable to the system failure at the server end, the RAP process will start all over again. In such a situation, the last recorded lowest price of prematurely ended RAP, will be the 'Start Bid' price for the restarted RAP. The prices quoted in the prematurely

ended RAP will be binding on all the bidders for consideration, if the restarted RAP does not trigger within the stipulated time.

22. However, if Reverse Auction does not lead to any bid, UIDAI shall reserve the right to award the job based on the lowest prices quoted in online commercial bid.
23. The successful bidder needs to submit the revised BoQ in line with lowest NPV quoted by him in reverse auction. The ratio of percentage decrease in cost of each component (both Capex and Opex) shall be same as the overall percentage reduction in the NPV originally quoted by bidder and final L1 NPV quoted by bidder. It is as explained below

Example –

There are 3 bidders having following NPV from their commercial bid

S No.	Bidder Name	NPV in Rs. Lakh (Exclusive of Taxes)
1	A1	1000.00 (i.e. Rs 10 Cr)
2	A2	1160.90 (i.e. Rs 11.6 Cr)
3	A3	1200.00 (i.e. Rs 12.0 Cr)

The auction start price will be price quoted by bidder A1 i.e. Rs 10 Cr.

The bidder during reverse auction will decrement the price in the multiples of Rs 1 Lakh. After successful reverse auction, the NPV quoted by bidders are as below –

S No.	Bidder Name	Final NPV in Rs. Lakh (Exclusive of Taxes)
1	A1	900
2	A2	1000
3	A3	800

Thus Bidder A3 is winner of reverse auction. Bidder now needs to submit the revised BoQ in line with successful NPV quoted by him in the reverse auction. Original price quoted by bidder A3 in its commercial bid is as below

	Quoted Capex Cost (Without Tax) Rs Lakh	Quoted AMC Cost for 4 Years (Opex) (Without Tax) Rs Lakh
Equipment 1	370	250
Equipment 2	400.8	302
Total	770.8	552
NPV = $770.8 + (552)/((1+.0875)^3)$ = Rs 1200 Lakh		

Thus reduction in NPV by Bidder A3 is $(1200-800)/1200 \times 100$ i.e 33.33%. The same percentage deduction will be done on every component mentioned in the BoQ for deriving final price for each component.

	Final Capex Cost (Without Tax) Rs Lakh	Final AMC Cost for 4 Years (Opex) (Without Tax) Rs Lakh
Equipment 1	$370 \times (1-.3333)$ =246.68	$250 \times (1-.3333)$ =166.68
Equipment 2	$400.8 \times (1-.3333)$ =267.21	$302 \times (1-.3333)$ =201.34
Total	513.89	368.02
NPV = $513.89 + (368.02)/((1+.0875)^3)$ = Rs 800 Lakh		

Thus, final BoQ and the contractual value that will be submitted by bidder A3 is as below:

	Final Capex Cost (Without Tax) Rs Lakh	Final AMC Cost for 4 Years (Opex) (Without Tax) Rs Lakh
Equipment 1	246.68	166.68
Equipment 2	267.21	201.34
Total	513.89	368.02
Contractual Value =Rs 881.91 Lakh		

24. The detailed Break-up of offered cost, provided by the bidder shall be considered and order, if placed, shall be with the same break-up of prices. The bidder(s) after reverse auction will be responsible to ensure that the rate as per the breakup of prices provided by him after the reverse auction and total value offered by him in the reverse auction are in same proportion. The bidder will not be allowed to increase the rate of any equipment while submitting the breakup. While giving the break up, the bidder will have to consider same rate of taxes and duties as quoted while submitting the commercial bid. In case the bidder(s) fail(s) to submit the final BoQ within 3 days or the break up given by bidder does not match with total offered price, the UIDAI will be at liberty to place order by proportionately reducing the equipment rates on basis of the breakup of the e-price bid submitted by the bidder along with the initial offer and the same will be binding on the bidder.

2.2 Cost of Bid Document

- 1 The Bidder is required to **pay fee of Rs.1,000/- (Rupees One Thousand Only)** in the form of a DD from a nationalised/scheduled bank in favor Unique Identification Authority of India, payable at New Delhi. The Bid Document Fee is non-refundable.
- 2 The Bidder shall bear all costs associated with the preparation and submission of its bids, including cost of presentation for the purposes of clarification of the bids, if so desired by the UIDAI. The UIDAI will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

2.3 Bid Securing Declaration or EMD (Earnest Money Deposit)

Bidder may submit either Bid Securing Declaration or EMD

2.3.1 Bid Securing Declaration

- a) The Bidders shall submit Bid Securing Declaration (As per Appendix J) along with copy of tender fee in a sealed envelope.
- b) Copy of the Bid Securing Declaration should be uploaded onto the CPP Portal and the hardcopy of the same shall be submitted as per guidelines mentioned in clause 2.1.

- c) In case the Bid Securing Declaration is not received by the stipulated time then the Purchaser reserves the right to forthwith and summarily reject the Proposal of the concerned Bidder without providing any opportunity for any further correspondence by the concerned Bidder.
- d) The Bid Securing Declaration will be executed :
- If a Bidder withdraws the proposal or increases the quoted prices after opening of the Proposal and during the period of Bid validity period or its extended period, if any.
 - In case of a successful Bidder, if the Bidder fails to sign the Agreement in accordance with the terms and conditions (including timelines for execution of the Agreement) of this RFP or fails to furnish the Performance Bank Guarantee in accordance with the terms and conditions (including timelines for furnishing PBG) of this RFP.
 - During the Bid process, if a Bidder indulges in any act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
- e) The decision of the Purchaser regarding execution of Bid Securing Declaration shall be final and binding on the Bidders & shall not be called upon in question under any circumstances.

2.3.2 Earnest Money Deposit (EMD)

- a) The Bidders shall submit an Earnest Money Deposit (EMD) of Rs.58 Lakh (Rupees Fifty Eight Lakh only) as bid security fee along with copy of tender fee in a sealed envelope. EMD in any other form will not be accepted.
- b) EMD must remain valid for at least 180 (One Hundred and Eighty) +45 days from the last date of bid submission date and the validity of the EMD should be extended in the event the last date of submission of the Proposal is extended.
- c) Copy of the EMD instrument should be uploaded onto the CPP Portal in the Bid Cover for EMD and the hardcopy of the same shall be submitted as per guidelines mentioned in clause 2.1.
- d) The EMD is required to protect the Purchaser against the risk of Bidder's conduct which may warrant EMD's forfeiture pursuant to the instances mentioned in clause (i) below.

- e) The Indian bidders registered with the Central purchase organisation, National Small Industries Corporation (NSIC) or with the Ministry of Electronics and Information Technology (MeitY) are exempted from payment of EMD. In this case, the bidders must submit the copy of valid MSE/NSIC/MeitY registration certificate.
- f) EMDs of all unsuccessful Bidders will be returned at the earliest after expiry of the final bid validity and latest on or before the 30th day after the awards of contract.
- g) The EMD of the successful Bidder will be returned, without interest, upon submission of Performance Bank Guarantee (of the amount and in the format as specified in this RFP) by the successful Bidder.
- h) In case the EMD is not received by the stipulated time then the Purchaser reserves the right to forthwith and summarily reject the Proposal of the concerned Bidder without providing any opportunity for any further correspondence by the concerned Bidder.
- i) The EMD may be forfeited:
 - If a Bidder withdraws the proposal or increases the quoted prices after opening of the Proposal and during the period of Bid validity period or its extended period, if any.
 - In case of a successful Bidder, if the Bidder fails to sign the Agreement in accordance with the terms and conditions (including timelines for execution of the Agreement) of this RFP or fails to furnish the Performance Bank Guarantee in accordance with the terms and conditions (including timelines for furnishing PBG) of this RFP.
 - During the Bid process, if a Bidder indulges in any act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
- j) The decision of the Purchaser regarding forfeiture of the EMD shall be final and binding on the Bidders & shall not be called upon in question under any circumstances.

2.4 Contents of the Bid Document

- 1 The Schedule of Requirements of the Goods/Services required, Bid procedures and contract terms are prescribed in the Bid Document. In addition to the Pre-Qualification Bid and Section I – Invitation to Bid, the Bid Document includes:
 - a) Section II – Instructions to Bidders;
 - b) Section III- General Conditions of Contract;
 - c) Section IV – Contents of the Bid
 - i. Technical Bid
 - ii. Commercial Bid
 - d) Section V- Scope of Work;
 - e) Section VI- Appendix
 - i. Contract Form (Appendix A)
 - ii. Performance Bank Guarantee form (Appendix B)
 - iii. Bid Security/Earnest Money Deposit Form (Appendix C)
 - iv. Bidder's Profile (Appendix D)
 - v. Undertaking From OEM (Appendix E)
 - vi. List of Locations(Appendix F)
 - vii. Non-Disclosure Agreement (Appendix G)
 - viii. Specifications of required hardware and compliance checklist (Appendix H)
 - ix. Reverse Auction Process (Appendix I)
 - x. Bid Securing Declaration Form (Appendix J)

- 2 The Bidder is expected to examine complete bid document including all instructions, forms, general terms & conditions, and Schedule of requirements in the Bid Document. Failure to furnish all information required by the Bid Document or submission of a bid not substantially responsive to the Bid Document in every respect will be at the Bidder's risk and may result in the rejection of the Bid.

2.5 Clarification of Bid Document

- 1 A prospective Bidder requiring any clarification of the Bid Document may notify the UIDAI in writing at the UIDAI's mail address indicated in clause 1.2. The queries must be submitted over mail in filled excel as below:

Name of Bidder:					
Sr. No	Section No.	Clause No.	Page number in clause	Existing Provision in the Clause	Clarification Sought

- 2 The UIDAI will respond, to request for clarifications of the Bid Document, received not later than the date prescribed by the UIDAI in clause 1.2.1 of this Bid document.

2.6 Amendment to the Bid Document

- 1 At any time prior to the last time and date for receipt of bids, the UIDAI, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Document by an amendment.
- 2 The amendment will be notified by UIDAI which will be binding on all bidders.
- 3 In order to provide prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, the UIDAI may, at its discretion, extend the last date for the receipt of Bids.

2.7 Language of Bids

The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder and the UIDAI, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long the same is accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall prevail.

2.8 Documents Comprising the Bids

- 1 The Bids prepared by the Bidder shall comprise of the following components:
 - a) Pre-Qualification Bid
 - b) The Technical Bid
 - c) The Commercial Bid

2.9 Bid Prices

- 1 The Bidder shall indicate in the proforma prescribed at clause 4.2.3 to clause 4.2.5, the unit cost and total Bid value of the Goods/ Services, it proposes to provide under the Contract.
- 2 The unit cost quoted in the above mentioned proforma will be used to calculate cost for 'change orders', if any.
- 3 In the absence of any information, as requested above, a bid may be considered incomplete and summarily rejected.
- 4 The Bidder shall prepare the bid based on details provided in the Bid documents. Bidder shall carry out the study of the bill of material in accordance with the requirements of the Bid document and it shall be the responsibility of the Bidder to fully meet all the requirements of the Bid document.
- 5 The cost of AMC without taxes (after Warranty of 3 year duration) for 4 year duration can't be less than 30% of the total value of the contract (without taxes). Same is applicable for each equipment/goods/hardware mentioned in the BoQ.

2.10 Firm Prices

- 1 Prices quoted must be firm and final and shall not be subject to any upward modifications, on any account whatsoever. The Bidder shall, therefore, indicate the prices in Annexure 4.2.3 to Annexure 4.2.5 of Section IV enclosed with the Bid. The Bid Prices shall be indicated in Indian Rupees (INR) only.
- 2 The Commercial bid should clearly indicate the price to be charged and should include all taxes, fees and other charges as may be applicable in relation to the activities proposed to be carried out. Such charges should be shown separately in Annexure 4.2.4 to Annexure 4.2.5 of Section IV.
- 3 The price will be finalized after successful reverse auction process.
- 4 Any change in taxes will be adjusted accordingly in the payment structure.

2.11 Discount

The Bidders are advised not to indicate any separate discount. Unconditional Discounts, if any, should be merged with the quoted prices. Discount of such type, indicated separately, will not be taken into account for evaluation purpose. However, in the event of such an offer, without considering discount, is found to be the lowest, the UIDAI shall avail such discount at the time of award of contract.

2.12 Bidder Qualification

- 1 The "Bidder" as used in the Bid documents shall mean the one who participate in the bid process. The Bidder 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 Bidder.
- 2 It is further clarified that the individual signing the Bid or other documents in connection with the Bid 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.

The Bidder shall sign its Bids with the exact name of the Company to whom the contract is to be issued.

The Bidder shall clearly indicate their legal constitution and the person signing the Bids shall state his capacity and also source of his ability to bind the Bidder.

UIDAI may out rightly reject any bid not supported by adequate proof of the signatory's authority

2.13 Period of Validity of Bids

- 1 Bids shall remain valid for 180 days after the date of opening of Pre-Qualification and Technical Bids prescribed by the UIDAI. A bid valid for a shorter period may be rejected by the UIDAI as non-responsive.
- 2 In exceptional circumstances, the UIDAI may ask the Bidder to extend the validity of the Bid. The validity of Bid Securing Declaration/EMD provided under Clause 2.3 shall also be suitably extended. However, A Bidder will not be permitted to modify its bid.

2.14 Revelation of Prices

Prices in any form or by any reason before opening the Commercial Bid should not be revealed, failing which the offer shall be liable to be rejected.

2.15 Terms and Conditions of Bidders

- 1 Printed terms and conditions of the Bidders will not be considered as forming part of their Bids.
- 2 The Bidder should note that any deviation (s) or non-compliance will lead to rejection of bid.

2.16 Local Conditions

- 1 It will be imperative on each Bidder to fully acquaint himself with the local conditions and factors, which would have any effect on the performance of the contract and / or the value.
- 2 It will be imperative for each Bidder to fully inform themselves of all legal conditions and factors which may have any effect on the execution of the contract as described in the bidding documents. The UIDAI shall not entertain any request for clarification from the Bidder regarding such local conditions
- 3 It is the responsibility of the Bidder that such factors have properly been investigated and considered while submitting the bid proposals and that no claim what so ever including those for financial adjustment to the contract awarded under the bidding documents will be entertained by the UIDAI and that neither any change in the time schedule of the contract nor any financial adjustments arising thereof shall be permitted by the UIDAI on account of failure of the Bidder to appraise themselves of local laws/condition.

2.17 Headings

Headings of conditions hereto shall not affect the construction thereof.

2.18 Conditions for Pre-Qualification of Bidders

The copy of bid shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. **The authorization shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, including un-amended printed literature, shall be initialed and stamped by the person or persons signing the bid.**

The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initiated by the person or persons signing the bid.

The relevant sections shall be highlighted in the document attached.

#	Parameter	Pre-qualification criteria Description	Evidence required
1.	Document	Bid Securing Declaration/EMD and Tender Document Fee is submitted in original	<p>Tender fee and Bid Securing Declaration/Bank Guarantee for EMD</p> <p>The bidder registered with MSE/NSIC/MeitY may claim exemption from submission of EMD. In this case, the bidder must upload copy of valid registration certificate.</p> <p>The bidder registered with MSE/NSIC may claim exemption from submission of Tender fee. In this case, the bidder must upload</p>

#	Parameter	Pre-qualification criteria Description	Evidence required
			copy of valid registration certificate.
2.	Legal Entity/Registration of Company	<p>Bidder shall be</p> <ul style="list-style-type: none"> ▪ A company incorporated in India under the Companies Act, 1956 and subsequent amendments thereto. ▪ Shall have been in operation for at least the last five years 	<p>a) Copy of Certificate of Incorporation OR Copy of Registration Certificates</p> <p>b) Certified true copy of balance sheets and Profit and Loss statements for last 5 years</p>
3.	Registration certificates	The Bidder must be registered with appropriate authorities for all applicable statutory duties/taxes and comply with all taxation norms	Self-certificate undertaking on company's letter head duly signed by company's authorized signatory that on the date of bid submission the company is complying all statutory duties/ taxation norms of India and possesses all necessary certificates to this effect.
4.	Revenues from System Integration Services	Bidder shall have an average annual turnover of at least INR 116 Crores in the last 3 financial years (FY 2014-15, 2015-16, 2016-17) from supply, installation, commissioning and maintenance of IT hardware.	<p>Audited financial statements for the last three financial years (FY 2014-15, 2015-16, 2016-17) clearly mentioning turnover from Supply, Installation, commissioning and maintenance of IT hardware.</p> <p>In case the turnover on account of Supply, Installation, commissioning and maintenance of IT hardware is not mentioned separately in the audited financial</p>

#	Parameter	Pre-qualification criteria Description	Evidence required
			statements, the bidder shall provide a certificate from statutory auditor/ Company Secretary/ Company Auditor stating the turnover from supply, installation, commissioning and maintenance of IT hardware in the last three financial years (FY 2014-15, 2015-16, 2016-17), duly attested by company's authorized signatory.
5.	Alliance with Major OEMs	Bidder shall have strong and formal partnership with all OEMs whose equipment to be supplied.	Declaration from all OEMs (whose equipment are proposed) highlighting the partnership. It should be provided by the Bidder in the format specified in clause 4.1.6.
6.	Bidder Experience in India	Bidder shall have proven experience of execution and completion of "supply, installation, commissioning and maintenance of IT hardware viz. servers, storage and Data Centre IT network equipment only" in Central Govt./State Govt./PSUs/Autonomous Bodies in last 7 years ending on last date of previous month of	(a) Company's statutory auditor/ Company Secretary/ Company auditor's certificate duly attested by company's authorized signatory, stating – Certificate for experience in "Supply, installation, commissioning and maintenance of IT hardware viz. servers, storage and Data Centre IT network equipment only", mandatory to provide the financial value of the contract/project, financial value of

#	Parameter	Pre-qualification criteria Description	Evidence required
		<p>closing date of bid submission, of at least:</p> <p>a) One project costing not less than the amount equal to Rs 19 Cr ; Or</p> <p>b) Two projects each costing not less than the amount equal to Rs 14 Cr; Or</p> <p>c) Three projects each costing not less than the amount equal to Rs 9 Cr</p>	<p>IT hardware viz. servers, storage and Data Centre IT network equipment component only in case of integrated projects, date of commencement of project, date of completion of project, scope of work.</p> <p>(b) Copy of PO/WO, Completion Certificate/Client certificate of Completion etc.</p> <p>(c) In case of integrated works having IT hardware and Software, in that case company's statutory auditor/ Company Secretary/ Company auditor shall provide the cost/details of IT hardware components (servers, storage and Data Centre IT network equipment only) in the WOs/POs being attached, duly attested by company's authorized signatory .</p> <p>(d) For projects under Non-Disclosure Agreement with the client, bidder shall submit the copy of NDA along with statutory auditor/ Company Secretary/ Company auditor's certificate stating company's experience in "Supply, installation, commissioning and maintenance of IT hardware viz. servers, storage</p>

#	Parameter	Pre-qualification criteria Description	Evidence required
			and Data Centre IT network equipment only”, mandatory to provide the financial value of the contract/project, financial value of IT hardware viz. only servers, storage and Data Centre IT network equipment component in case of integrated projects, date of commencement of project, date of completion of project, scope of work etc.
7.	Certification	Bidder should have ISO 9001:2008 or subsequent to year 2008	Copy of valid certificate
8.	Banning of Business	The bidder should not be banned from carrying out business either with the entire Central Government of India or the Ministry of Electronics & IT, Govt. of India or the UIDAI at the time of the submission of the bid. A similar ban subsequent to the submission of the bid, but before the award of the contract shall also disqualify the bidder	Self-certificate/ undertaking on company's letter head duly signed by company's authorized signatory.

2.19 Last Date for Receipt of Bids

- 1 Bids will be uploaded on the portal not later than the time and date specified in clause 1.2.1. After the prescribed time, the option for uploading of documents will

not be there on the portal.

- 2 The UIDAI at its discretion may extend the last date for the receipt of bids, by amending the Bid Document, in which case all rights and obligations of the UIDAI and Bidders previously subject to the last date will thereafter be subject to the last date as extended.

2.20 Modification and Withdrawal of Bids

- 1 The Bidder may modify or withdraw its bid after the Bids' submission on the portal till last date of submission.
- 2 No option will be there to modify the bid subsequent to the last date and time for receipt of bids.
- 3 No bid may be withdrawn in the interval between the last date and time for receipt of bids and the expiry of the bid validity period specified by the Bidder in the Bid. Withdrawal of a bid during this interval shall result in the Bidder's forfeiture of its EMD/execution of Bid Securing Declaration.

2.21 Address for Correspondence

All correspondence by UIDAI shall be made to the details provided in the clause 4.1.1 of the bid document.

2.22 Opening of Bids by UIDAI

- 1 On the basis of information furnished in the Pre-Qualification Bid, Bidders will be pre-qualified. The bids of Bidders, who do not qualify at this stage, will not be taken up for further evaluation.
- 2 Bids of only pre-qualified Bidders will be taken up for further evaluation.
- 3 The UIDAI will open the Bids, in the presence of the representatives (not more than two representatives per bidder) of the Bidders who choose to attend, at the time, date and place, as mentioned in clause 1.2 of this Document.
- 4 The Bidders' names, modifications, bid withdrawals and the presence or absence of the requisite EMD/Bid Securing Declaration and such other details as the UIDAI, at its discretion, may consider appropriate will be announced at the bid opening.

2.23 Clarification

When deemed necessary, the UIDAI may seek clarifications on any aspect from the

Bidder. However, that would not entitle the Bidder to change or cause any change in the substance of the Bid submitted or value quoted.

2.24 Preliminary Examination

- 1 The UIDAI will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required EMD/Bid Securing Declaration has been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 2 Arithmetical errors will be rectified on the following basis.
If there is a discrepancy between the unit cost and the total cost that is obtained by multiplying the unit cost and quantity, the unit cost shall prevail and the total cost shall be corrected. If the Bidder does not accept the correction of the errors, its bid will be rejected. If there is discrepancy between words and figures, the amount in words will prevail.
- 3 A bid determined as not substantially responsive will be rejected by the UIDAI and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
- 4 The UIDAI may waive any minor infirmity or nonconformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

2.25 Contacting the UIDAI

- 1 No Bidder shall contact the UIDAI to influence the bidding process or on any matter relating to its Bid, from the time of the Bid opening to the time the Contract is awarded.
- 2 Any effort by a Bidder to influence the UIDAI's Bid evaluation, Bid comparison or Contract award decisions may result in the rejection of the Bidder's Bid.

2.26 Post Qualification

- 1 The UIDAI will determine to its satisfaction whether successful bidder in Reverse Auction Process (RAP) is qualified to satisfactorily perform the Contract.
- 2 This determination will take into account the Bidder's financial, technical, implementation and post-implementation capabilities. It will be based upon an examination of the documentary evidence submitted by the Bidder as per

document sought in the bid document as well as such other information as the UIDAI deems necessary and appropriate.

- 3 An affirmative determination will be a prerequisite for award of the Contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which even the UIDAI will proceed to the next lowest bidder in RAP to make a similar determination of that Bidder's capabilities to perform satisfactorily.

2.27 Criteria for Evaluation of Bids

- 1 To meet the UIDAI's requirements, as spelt out in the Bid Document, the successful bidder/Vendor must have the requisite experience in supply, installation, commissioning and maintenance of Hardware, the technical know-how, and the financial wherewithal that would be required to successfully set-up the required infrastructure and provide the Goods/Services sought by the UIDAI, for the entire period of the contract. The evaluation process of the Bid proposed to be adopted by the UIDAI is indicated below so as to provide the Bidders an idea of the evaluation process that the UIDAI may adopt. Any time during the process of evaluation the UIDAI may seek specific clarifications from any or all Bidders.

2 **Phase I: Evaluation of Pre-Qualification and Technical Bids**

Technical Bids will be opened in the presence of representatives of the Bidders (not more than two representatives per bidder) who choose to be present as per the date and time indicated by the UIDAI. Evaluation of Technical bid is subject to meeting all pre qualification criteria. A detailed evaluation will be subsequently carried out by the UIDAI. In this phase, the Technical Bids will be reviewed for compliance of the Bid requirements with reference to the responses to the technical requirements given in Section IV and schedule of requirements of this Bid Document (Section V). Technical Bids which meet the above mentioned criteria will be eligible for consideration in the subsequent rounds. If required, the UIDAI may seek specific clarifications from any or all Bidder(s) at this stage. The UIDAI shall determine the Bidders that qualify for the next phase after reviewing the clarifications provided by the Bidder(s). Technical bid shall also contain unpriced BoQ as per clause 4.2.3 to 4.2.5 (without any cost mentioned)

3 **Phase II: Evaluation of Commercial Bids**

In this phase, the Commercial Bids of the Bidders, who are technically qualified in Phase I, shall be opened. The Commercial Bid should contain the total price, both COST OF EQUIPMENT and post warranty AMC of all Goods/ Services, comprising of all equipment as mentioned in Annexure 4.2.3 to Annexure 4.2.5 of Section IV, proposed to be charged by the Bidder. Bidder to make sure that quoted cost of AMC is as per clause 2.9(5). If quoted cost of AMC is not as per clause 2.9(5), bid will be summarily rejected.

4 **Phase III: Reverse Auction Process**

In this phase, reverse auction process through CPP portal will be conducted. The NPV will be taken for bidding. The process is as described in clause 2.1.1

5 UIDAI will award the Contract to the successful Bidder whose bid has been determined to be technically qualified and has been determined as the lowest evaluated bid based upon Reverse auctioning process, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily. The UIDAI will however not bind itself to accept the lowest evaluated bid or any bid and reserves the right to accept or reject any bid. **The tender will be evaluated as a package of all the equipment in Commercial Bid (4.2.4 to 4.2.5 of Section IV).**

6 In case any equipment included in the 'COST OF EQUIPMENT' and 'COST OF AMC'(Annexure 4.2.4and 4.2.5) is not quoted by the Bidder, the bid would be rejected as non-responsive.

7 UIDAI reserves the right to ask the bidder to validate any technical parameter in a laboratory environment at the time of evaluation of the Technical bid, at the cost of the bidder.

8 Determination of auction start price for reverse auction process will be based upon Net Present Value (NPV) derived though prices mentioned in clause 4.2.3

by all bidders.

- 9 Successful bidder will be determined by reverse auction process winner who quote the lowest NPV in the end of the process.
- 10 The successful bidder needs to provide the revised price BoQ in line with the NPV determined by the reverse auction process.
 - i. The Annual Rate of Discounting (i) for calculation of NPV will be treated as 8.75 percent.
 - ii. The Net Present Value (NPV) will be calculated based on the method and formula given in the table below:

Price Parameters	Quoted Price by Bidder	NPV	NPV Evaluation
Value of the 'COST OF EQUIPMENT'	Total Cost at Sl.No.1 of Annexure 4.2.3 (say Z)	Z	Z
Value of 'COST OF AMC'	Total Cost at Sl.No.2 of Annexure 4.2.3	$Y/(1+i)^3$	Y_n
Total NPV Evaluation Value (N)			(Z + Y_n)

(Where $i=0.0875$)

2.28 UIDAI's Right to Vary Scope of Contract at the time of Award

- 1 Subject to mutual agreement, the UIDAI may at any time but before issue of NoA by a written order given to the successful bidder/ Vendor pursuant to Clauses in Section III, can make changes within the general scope of the Contract.
- 2 The UIDAI shall reserve the right, not to purchase all Goods/Services quoted by the successful bidder/ Vendor in this bid. UIDAI also reserve the right, not to

purchase partial Goods/ Services as per mutual agreement with successful bidder/ vendor before issue of NoA.

- 3 The UIDAI shall reserve the right, not to award the Comprehensive AMC to successful bidder/ Vendor after completion of warranty period or any year after that.

2.29 UIDAI's Right to Accept Any Bid and to Reject Any or All Bids

The UIDAI reserves the right to accept any or all bids, and to annul the Bid process and reject any or all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the UIDAI's action.

2.30 Notification of Award (NOA)

- 1 UIDAI will notify through Notification of Award (NOA) the successful Bidder in writing by letter or by email, to be confirmed in writing by letter, that its bid has been accepted. Within 10 days of receipt of this NOA, the bidder has to render his acceptance of notification of this award.
- 2 The date of acceptance of Notification of award by the bidder will constitute the formation of the Contract.
- 3 Upon the successful Bidder's furnishing of performance security pursuant to Clause 2.32, the UIDAI will promptly notify each unsuccessful Bidder and will discharge their EMD/Bid Securing Declaration.

2.31 Signing of Contract

1. At the same time as the UIDAI notifies (NOA) the successful Bidder that its bid has been accepted, the UIDAI will send the Bidder the Contract Form (Appendix A of Section 6.1 provided in the Bid Document, incorporating all agreements between the parties).
2. Within 15 days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to the UIDAI.

2.32 Performance Bank Guarantee (PBG)

- 1 Within 15 days of the receipt of notification of award of the contract from the purchaser, the successful Bidder shall furnish the PBG as per format prescribed in Appendix B of clause 6.2
- 2 Failure of the successful Bidder to submit the PBG within 15 days shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD /execution of Bid Securing Declaration, in which event the UIDAI may award the Contract to the next lowest evaluated Bidder or call for new bids.
- 3 Performance Bank Guarantee will be for a total amount equivalent to 10% of total contract value. Multiple PBGs shall be submitted which are as below
 - a) 10% of total CAPEX cost and having validity till T_0+3 years and 7 months. However, PBG should remain valid for 60 days beyond capex obligations.
 - b) 2.5% of total OPEX cost having validity till T_0+4 Year and 5 Months. However, PBG should remain valid for 60 days beyond 4th Year AMC period for which revised PBG at later stage may be submitted if required.
 - c) 2.5% of total OPEX cost having validity till T_0+5 Year and 5 Months. However, PBG should remain valid for 60 days beyond 5th Year AMC period for which revised PBG at later stage may be submitted if required.
 - d) 2.5% of total OPEX cost having validity till T_0+6 Year and 5 Months. However, PBG should remain valid for 60 days beyond 6th Year AMC period for which revised PBG at later stage may be submitted if required.
 - e) 2.5% of total OPEX cost having validity till T_0+7 Year and 5 Months. However, PBG should remain valid for 60 days beyond 7th Year AMC period for which revised PBG at later stage may be submitted if required.

(T_0 is date of issue of LoI/NOA issued by UIDAI)
- 4 PBG shall be invoked by UIDAI in the event the successful bidder/ vendor:
 - i. fails to perform the responsibilities and obligations as set out in the RFP to the complete satisfaction of UIDAI,
 - ii. Misrepresentations of facts/information submitted to UIDAI.
- 5 The performance bank guarantee may be discharged/returned by UIDAI upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the performance bank guarantee.

- 6 In the event of the Bidder being unable to service the contract for whatever reason, UIDAI would invoke the PBG. Notwithstanding and without prejudice to any rights whatsoever of UIDAI under the contract in the matter, the proceeds of the PBG shall be payable to UIDAI as compensation for any loss resulting from the bidder's failure to perform/comply its obligations under the contract. UIDAI shall notify the bidder in writing of the exercise of its right to receive such compensation within 40 days, indicating the contractual obligation(s) for which the bidder is in default.
- 7 UIDAI shall also be entitled to make recoveries from the bidder's bills, performance bank guarantee, or from any other amount due to him, an equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.
- 8 In case the project is delayed beyond the project schedule as mentioned in clause 5.5, the performance bank guarantee shall be accordingly extended
- 9 On satisfactory performance and completion of the order in all respects and duly certified to this effect by the Project Coordinator, Contract Completion Certificate will be issued and the PBG will be returned to the Bidder, after 60 days of contractual obligations date.

2.33 Confidentiality of the Document

- 1 Bidder is required to furnish an undertaking that anything contained in this Bid Document shall not be disclosed in any manner by submitting NDA as per Appendix G
- 2 Except with the written consent of the purchaser, the bidder shall not make use of any information supplied by the purchaser for purposes of the bidder or any specifications or other details mentioned in above clause otherwise than for the purpose of manufacturing the articles and the bidder shall not use any such information to make any similar article or part thereof for any other purpose.
- 3 NDA to be submitted by successful bidder.

2.34 Rejection Criteria

- 1 Technical Rejection Criteria
The following vital technical conditions should be strictly complied with failing

which the bid will be rejected:

- i. Only the Bidders who quote for the complete Scope of Work and Supply of Goods/Services as indicated in this Bid Document, addendum thereof (if any) and any subsequent information given to the Bidder shall be considered. Incomplete bids will be rejected outright. Evaluation will be carried out for the total scope of work covered in the Bid document.
- ii. The Bidder shall be deemed to have complied with all clauses in the Bid document under all the sections/chapters of the Bidding document, including Bid Evaluation Criteria (BEC), Schedule of Requirements, Technical specifications, Timelines and General Terms and Conditions of Contract. Evaluation will be carried out on the information available in the bid.
- iii. If the information provided by the Bidder is found to be incorrect / misleading at any stage / time during the Bidding Process the bid will be rejected and Bid Securing Declaration will be executed/EMD will be forfeited.
- iv. Bid Securing Declaration will be executed/EMD will be forfeited in case of any breach of Confidentiality clause.

2 Commercial Rejection Criteria

The following vital commercial conditions should be strictly complied with failing which the bid will be rejected.

- i. Any commercial quote, if found in any part of the bid other than commercial bid, will lead to disqualification of bidder and his bid shall be rejected outright.
- ii. Offers of following kinds will be rejected:
 - a) Offers made without EMD/Bid Securing Declaration.
 - b) Offers which do not confirm unconditional validity of the bid for 180 days from the date of opening of bid.
 - c) Offers where prices are not firm during the entire duration of the contract and / or with any qualifications.
 - d) Offers which do not conform to UIDAI's price bid format or reverse auctioning process
 - e) Offers which do not confirm to the completion period indicated in the bid.

- iii. Total lump sum value quoted by the Bidder must be inclusive of all taxes, duties etc.
- iv. Bidder shall bear, within the quoted rates, all the taxes and duties as levied on them as applicable. However, tax rate to be mentioned separately.
- v. Bidder to make sure that quoted cost of AMC is as per clause 2.9(5). If quoted cost of AMC is not as per clause 2.9(5), bid will be summarily rejected.

3 Section III - General Conditions of Contract

3.1 Definitions

In this Contract, the following terms shall be interpreted as indicated:

1. **"UIDAI"** means the Unique Identification Authority of India.
2. **"The Purchaser/Purchaser"** means the Unique Identification Authority of India acting through CEO or any other representative authorized by the Unique Identification Authority of India.
3. **"Purchase Officer"** means the officer signing the acceptance of Bid and includes any officer who has authority to execute the relevant contract on behalf of the Purchaser.
4. The **"Contract"** means the agreement entered into between the Purchaser and the Vendor as recorded in the Contract Form signed by the Purchaser and the Vendor, including all attachments and annexes thereto and all documents incorporated by reference therein.
5. The **"Vendor"** means the person or the firm or the company with whom the order of or the Procurement of the Goods/Services is placed and shall be deemed to include the Vendor's successors, representatives (approved by the Purchaser), heirs, executors, administrators and permitted assigns, as the case may be, unless excluded by the terms of the contract.
6. **"The Contract Value"** means the price payable to the Vendor under the Contract for the full and proper performance of its contractual obligations;
7. **"The Goods"** mean all of the equipment, hardware, software, machinery, accessories and/or other material which the Vendor is required to supply to the Purchaser under the Contract;
8. **"Service"** means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, configuration, testing, acceptance, warranty and post warranty maintenance and support, provision of technical assistance, training and other obligations of the Vendor covered under the Contract;
9. **"Acceptance of Bid"** means the letter/telex/telegram/fax or any memorandum communicating to the successful bidder/ Vendor the acceptance of his Bid and includes an advance acceptance of his Bid.

10. **“Supply”** means once the purchaser issues a Purchase Order, the bidder has to supply the equipment within stipulated time.
11. **“Delivery”** includes logistics, tracking and physical delivery of goods at purchaser premise (up to the equipment handling room-EHR) and handing over the sealed boxes to purchaser representatives. Delivery will be validated as number of boxes delivered against invoices. Delivery Challan needs to be signed by Purchaser/Authorized representatives. Extent of damage to the boxes will be also scrutinized and informed to the vendor.
12. **“Installation”** includes unpacking and movement of goods to the proposed location in Data Centre
13. **“Commissioning”** includes installation of operating systems in respective components and power-on, basic hygiene tests, setup and tuning as per purchaser requirements including network connectivity. Purchaser reserves the right to inspect the installation and the bidder has to obtain the installation note duly signed by purchaser or its representative to claim the successful commissioning of the component.
14. **“Acceptance”** It is acceptance (UAT) of system by UIDAI after commissioning of systems by successful bidder/ Vendor for start of warranty. Acceptance includes execution of test cases and verifying the expected results by Purchaser or its representatives. The components and its performance will be validated against the minimum specifications and requirements in the RFP.
15. **“ATRR”** mean Acceptance Test Readiness Report that will be submitted by the vendor within stipulated timelines before start of Acceptance tests by the purchaser.
16. **“NPV”** means Net Present Value
17. **MSP** means Managed Service Provider (M/s HCL Infosystems Ltd.)

3.2 Application

These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3.3 Standards

1. The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards, such standard shall be the latest issued by the concerned institution.
2. The Vendor shall ensure that the Goods supplied under the Contract against all purchase orders are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials without any additional cost to the Purchaser.

3.4 Use of Contract Documents and Information

1. The Vendor shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Vendor in the Performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as it may be necessary for purposes of such performance.
2. The Vendor shall not, without the Purchaser's prior written consent, make use of any document of information enumerated in clause 2.4 except for purposes of performing the Contract.
3. Any document, other than the Contract itself, shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Vendor's performance under the Contract, if so required by the Purchaser.

3.5 Patent Rights

The Vendor shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from the use of the Goods or any part thereof.

3.6 Installation, Commissioning, Testing and User Acceptance Tests

1. The Vendor shall be responsible for installation, commissioning, testing and post warranty maintenance of IT Network Equipment at Data Centre at Hebbal, Manesar and two upcoming DCs.
2. The Vendor shall describe tests and in details the system on which he proposes to demonstrate the correct working of the equipment supplied both individually and as integrated system. System testing schedules are thus additional to test specifications for individual equipment or units of equipment and shall comprise of On-site commissioning tests and factory tests. It shall be responsibility of vendor to get pre dispatch inspection of goods as part of factory tests and furnish necessary certificate to purchaser certifying that the goods conform to specifications given in the contract.
3. The above test shall demonstrate the satisfactory operation of all supplied equipment covering full range of the facilities of the equipment. All functions shall be tested including but not limited to:
 - a. Power failure and restoration.
 - b. All combinations of permissible voltage and frequency variations.
 - c. Maintenance and testing facilities.
4. All test facilities required for factory system tests shall be made available by the vendor.
5. The vendor should describe in advance the tests and details of the process that will be adopted to demonstrate the correct working of the equipment supplied both individually and as an integrated system, to be termed as user acceptance tests.
6. In case additional/modification in tests are required by purchaser, same will be communicated to vendor.
7. System testing schedules, formats for testing and commissioning reports and dissemination mechanism for such reports shall be drawn by the vendor in consultation with UIDAI.
8. The acceptance test which involves the testing and acceptance of the complete goods and services shall be conducted by the Vendor in the presence of the Purchaser and/or authorized officials and/or any other team or agency nominated by the Purchaser and OEM. All expenses for special devices, if any,

for installation commissioning, testing and acceptance of the Goods/Services shall be borne by the Vendor.

9. The vendor shall replace, at the Vendor's cost, the whole or any part of the equipment as may be necessary for conclusion of the acceptance tests to the satisfaction of purchaser.
10. Should Acceptance Tests not be concluded to the satisfaction of the purchaser, the vendor shall replace, at vendor's cost, the whole or any part of the equipment as may be necessary for conclusion of the acceptance tests to the satisfaction of the purchaser.
11. Should acceptance tests still not be concluded to the satisfaction of the purchaser, the purchaser shall have the right to reject the equipment in respect of which the acceptance tests are not satisfactorily concluded as provided in this clause and to terminate this contract to the extent it relates to such equipment and in that event the Vendor shall refund and repay all amounts received by the Vendor from the Purchaser including interest at the rate of 10% per annum in respect of that equipment, within 60 days from the receipt of a written claim from the Purchaser.
12. The timeline mentioned for Acceptance (User Acceptance Test) in clause 4.1.4 by purchaser is tentative. This may increase or decrease for which UIDAI shall not be responsible for any cost if incurred by vendor on this account.
13. Commissioning and acceptance of the system shall be considered to be complete only after the following conditions have been met successfully to the satisfaction of the UIDAI
 - a) Delivery of all equipment under the proposed bill of material at the designated location of installation. Short shipment of goods will not be acceptable
 - b) Installation and configuration of all components including but not limited to hardware, software, devices, accessories, etc in accordance with the contract.
 - c) Successful completion of factory acceptance/other tests and submission of reports to UIDAI
 - d) The vendor needs to submit Acceptance Test Readiness Report (ATRR) for user acceptance test to be conducted by the purchaser or its authorized representative.

- e) Successful testing of all components individually
 - f) Successful testing of the integrated system
 - g) Successful acceptance would be certificated by UIDAI
14. Utilization of goods/equipment shall be done after acceptance of goods/equipment is complete.

3.7 Incidental Services

1. The vendor shall be required to provide any or all of the following services without any additional cost to UIDAI:
 - i) Installation, testing and commissioning, warranty and post warranty maintenance and support in respect of supplied Goods.
 - ii) Performance or supervision of on-site assembly and start-up of the supplied Goods;
 - iii) Furnishing of tools required for assembly and start-up of the Supplied Goods;
 - iv) Furnishing of detailed operations and maintenance manuals for each appropriate unit of the supplied Goods;
 - v) Performance, supervision, maintenance and repair of the supplied Goods, for Contract Period agreed by the Purchaser and the Vendor, provided that this service shall not relieve the Vendor of any warranty obligations under this Contract;
 - vi) Provision of 1(one) Resident Engineer/Technician at each Data Center on a 24x7 basis for any kind of support for the duration of installation, commissioning and acceptance Period.
 - vii) Other obligations of the Vendor covered under the Contract.

3.8 Delivery and Documents

Delivery of the Goods and services shall be made by the Vendor in accordance with the terms specified by the Purchaser in this RFP.

3.9 Maintenance and Spare Parts

1. Documentation shall be supplied for installation, maintenance, servicing and operation of equipment. All equipment, symbols and abbreviations shall be

in accordance with the generally accepted nomenclature and standards. The maintenance manual shall contain a description of the complete hardware system and maintenance procedures. The hardware description shall start with the overall configuration of the system with layouts showing the location of every unit with block diagram and explanation of operation. Detailed descriptions of component units shall explain their operation. Block diagrams showing the flow and interaction of data and logic diagrams shall be provided. Part list and wiring schedules shall be provided, but care shall be taken to avoid obscuring of the operational description. Maintenance procedures shall cover the diagnosis of faults, testing and setting up adjustments, replacement of units, routine mechanical servicing, if any, and operation of test equipment.

2. The servicing manual shall cover all the procedures and information necessary for the diagnosis and repair of faulty units or components of every type. It shall include circuits, board layouts, component schedules (with Vendors' names), test points and test parameters, and use of test equipment.
3. After acceptance tests and final acceptance of the supplied good by UIDAI, the vendor shall hand over the entire supplied Hardware and Software to UIDAI and shall continue to provide Warranty / AMC services under the direct supervision of UIDAI. The vendor shall be liable and provide all necessary support and cooperation to the MSP in this regard.

3.10 Warranty/AMC and Period Of Contract

3.10.1 Warranty/AMC

1. The Vendor warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Vendor further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the Vendor, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

2. This warranty shall remain valid, for 3 Years (36 months) in respect of equipment, or any portion thereof as the case may be, which have been delivered (and commissioned) to the final destination indicated and accepted as part of the scope of this bid. The warranty period shall commence from the date of acceptance of system i.e. UAT of all the devices by UIDAI after the successful installation and commissioning of the same. Utilisation of goods/equipment shall be done after acceptance of goods/equipment is complete.
3. After completion of 3 years warranty, yearly comprehensive AMC has to be provided for goods delivered upto 7 years from the date of acceptance.
4. The Purchaser shall promptly notify the Vendor in writing of any claims arising under this warranty.
5. Upon receipt of such notice, the Vendor shall, with all reasonable speed, repair or replace the defective Goods or parts thereof, without prejudice to any other rights which the Purchaser may have against the Vendor under the Contract.
6. If the Vendor, having been notified, fails to remedy the defect(s) within a period defined, the Purchaser may proceed to take such remedial action as may be necessary, at the Vendor risk and expense and without prejudice to any other rights which the Purchaser may have against the Vendor under the Contract.
7. In case vendor cease to discharge its dues or intermittent the termination of contract, the OEM needs to ensure the continuation of warranties/AMC for the remaining duration i.e. till end of 7 years. However, remaining payments will be released to OEM for the services as per schedule and values mentioned in the contract. The OEM shall provide the undertaking in this regard in MAF form attached (clause 4.1.6) or Appendix E.
8. Defective Media retention as mention in clause 3.40 will be applicable.

3.10.2 Period of Contract

1. This contract for “Supply, Installation, Commissioning and Post Warranty Maintenance of IT Network Equipment” shall start from date of acceptance of Notification of award by bidder (as per clause 2.30 of section II of RFP) and shall last till completion of 4th year of AMC.. This includes warranty period of 3

years (36 months) in respect of equipment, warranty commences from the date of acceptance of goods by purchaser and extendable comprehensive AMC support (after 3 years of warranty) for equipment upto 48 months. In case product/equipment is not End of Support after expiry of contract, the purchaser may extend the contract upto 2 years or till the equipment is End of Support, whichever is less (after completion of 7 years) on same terms and conditions of this contract at the sole discretion of the Purchaser. The rate for such extension of AMC will be 7th year AMC cost.

2. Notwithstanding the provision of Clauses mentioned above, the period of Contract shall be valid subject to the satisfaction of the Purchaser.

3.11 Payment schedule

Efforts shall be made to release payment within 30 days of receipt of invoice with complete documentation. Though at times it may not be possible to ensure payment within 30 days due to unavoidable circumstances. The payment terms are as follows:

3.11.1 Hardware

The payments are for goods and services are as below

i)	10% against delivery of all equipment and accessories.
ii)	50% against installation and satisfactory commissioning of all Goods/ Services
iii)	30% after 15 days of submission of ATRR
iv)	Balance 10% to be disbursed in 8 (eight) equal quarterly instalments after one year of acceptance of system.

3.11.2 AMC

Post warranty, total annual maintenance charges of that year would be paid in 4 Nos of equal quarterly instalments after completion of each quarter of the AMC period. For calculation of yearly AMC charges, 10% increment over the previous year AMC charges will be considered.

Thus yearly AMC charges will be calculated from Total AMC changes as below:

$$Y = Y_4 + Y_5 + Y_6 + Y_7$$

$$Y = x + (x \cdot 1.1) + (x \cdot 1.1^2) + (x \cdot 1.1^3)$$

$$\text{i.e } Y = x \cdot 4.641$$

Where

Y = Total Cost at Sl.No.2 of Annexure 4.2.3

$Y_4 = x$ = Fourth year AMC Charges = $Y/4.641$

Y_5 = Fifth year AMC Charges = $x \cdot 1.1 = Y \cdot 1.1/4.641$

Y_6 = Sixth year AMC Charges = $x \cdot 1.1^2 = Y \cdot 1.21/4.641$

Y_7 = Seventh year AMC Charges = $x \cdot 1.1^3 = Y \cdot 1.331/4.641$

Example :

If Rs 4,641 is quotes as total AMC charges for total 4 years, then the yearly AMC charges will be considered as below

AMC cost for 4th year = $x = 4641/4.641 = \text{Rs } 1,000/-$

AMC cost for 5th year = $x \cdot 1.1 = 4641 \cdot 1.1/4.641 = \text{Rs } 1,100/-$

AMC cost for 6th year = $x \cdot 1.1^2 = 4641 \cdot 1.21/4.641 = \text{Rs } 1,210/-$

AMC cost for 7th year = $x \cdot 1.1^3 = 4641 \cdot 1.331/4.641 = \text{Rs } 1,331/-$

The quarterly payment will be (Yearly charges of that year)/4

(Yearly AMC cost/quarterly AMC cost of each equipment/good/hardware shall also be calculated as given above)

3.12 Currency of Payment

Payment shall be made in Indian Rupees only.

3.13 Change Orders

1. The Purchaser may at any time, by a written order given to the Vendor, make changes within the general scope of the Contract in any one or more of the following:

- i) drawings, designs or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - ii) the method of shipment or packing;
 - iii) the place of delivery; or
 - iv) the Services to be provided by the Vendor.
- 2. If any such change causes an increase or decrease in the value, or the time required for, the Vendor's performance of any part of the work under the Contract, whether changed or not changed by the order, an equitable adjustment shall be made in the Contract Value or delivery schedule, or both, and the Contract shall accordingly be amended.
- 3. UIDAI reserves the right to increase the quantity within 2 years of the Contract Period, of upto 50% of the Quantity. UIDAI may also decrease the quantity at its sole discretion. In case of any increase/ decrease in quantities of any equipment, unit rate for equipment indicated in the contract will be applicable.

3.14 Contract Amendments

No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

3.15 Assignment

The Vendor shall not assign, in whole or in part, its obligations to perform under the Contract, to other party, except with the Purchaser's prior written consent. The permission, if any, of the purchaser has to be taken within 15 days of award of the contract.

3.16 Sub-contracts

No sub-contracting of the work either in full or part is allowed.

3.17 Delays in the Vendor's Performance

- 1. Delivery of the Goods and performance of Service shall be made by the Vendor in accordance with the Timelines specified by the Purchaser in Clause 5.5.

2. An un-excused delay by the Vendor in the performance of its delivery obligations shall render the Vendor liable to any or all of the following sanctions: forfeiture of its performance security, imposition of liquidated damages, and/or termination of the Contract for default.
3. If at any time during performance of the Contract, the Vendor should encounter conditions impeding timely delivery of the goods and performance of services, the Vendor shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Vendor's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Vendor's time for performance, in which case the extension shall be ratified by the parties. If the vendor request to delay the delivery of goods and performance of services is not found acceptable to the purchaser, Clause 3.19 would be invoked.

3.18 Liquidated Damages

1. If the successful bidder/ vendor fails to deliver, install and/or commission any or all of the Goods or to perform the Services within the time period(s) specified in the Contract, the Purchaser shall without prejudice to its other remedies under the Contract, deduct from the Contract Value, as liquidated damages, an amount as mentioned in clause 5.4. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to Clause 3.19.
2. During the warranty and AMC period, if the successful bidder/vendor fails to provide replacement, repair or rectify the faulty Hardware/ Equipment and Software supplied by vendor within the duration specified in clause 5.4 and the target timelines specified in clause 5.5 from the date and time of reporting, Purchaser shall without prejudice to its other remedies under the Contract, deduct from the Contract Value, as liquidated damages, a sum mentioned in clause 5.4. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to Clause 3.19.
3. The overall liquidated damages will be maximum of 10% of the Contract value.
4. If the liquidated damages amount of any quarter is more than the quarterly

bill due to the vendor, amount will be deducted from the subsequent quarterly bills. However, if the liquidated damages amount is not recoverable from the pending dues to the vendor, in that case, same shall be recovered from encashing PBG, if required.

3.19 Termination for Default

1. Purchaser shall provide notice of thirty(30) days to meet the services
2. Where an event of default subsists or remain uncured after 30 days of notice to vendor to resolve, the Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Vendor, terminate the Contract in whole or in part:
 - (i) If the Vendor fails to deliver any or all of the Goods/Services within the time period(s) specified in the Contract, or any extension thereof granted by the Purchaser pursuant to Clause 3.17;
OR
 - (ii) If the Vendor fails to perform any other obligation(s) under the contract.
3. In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods similar to those undelivered, and the Vendor shall be liable to the Purchaser for any excess costs for such similar Goods including the efforts of the Purchaser for such arrangement. However, the Vendor shall continue performance of the Contract to the extent not terminated.

3.20 Force Majeure

1. Neither party shall bear responsibility for the complete or partial nonperformance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other

circumstances beyond the parties control that have arisen after the conclusion of the present contract.

2. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.
3. The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.
4. Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.
5. If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party hereto reserves the right to terminate the contract totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods and services received.

3.21 Termination for Insolvency

The Purchaser may at any time terminate the Contract without compensation to the Vendor, if the Vendor becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

3.22 Termination for Convenience

1. The Purchaser may by written notice sent to the Vendor, terminate the Contract, in whole or in part at any time of its convenience by giving a prior written notice of sixty days. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective. The goods/ services for which orders have been placed by vendor before the vendor receipt of notice of

- termination, shall be purchased by the purchaser at the contract terms and prices and schedules mentioned.
2. The goods and services, for which vendor has placed the orders to OEM in pursuance of a Purchase order/Work order issued by purchaser before receipt of notice of termination, shall be purchased by the purchaser at the contract terms and prices and schedules mentioned.

3.23 Dispute Resolution

1. If during the subsistence of this Contract or thereafter, any dispute between the Parties hereto arising out of or in connection with the validity, interpretation, implementation, material breach or any alleged material breach of any provision of this Contract or regarding any question, including as to whether the termination of this Contract by one Party hereto has been legitimate, the Parties hereto shall endeavor to settle such dispute amicably and/or by Conciliation to be governed by the Arbitration and Conciliation Act, 1996 or as may be agreed to between the Parties. The attempt to bring about an amicable settlement is considered to have failed as soon as one of the Parties hereto, after reasonable attempts; which attempt shall continue for not less than thirty (30) days, gives thirty (30) days' notice to refer the dispute to arbitration to the other Party in writing.
2. The Arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996.
3. The Arbitration proceedings shall be held in New Delhi, India.
4. The Arbitration proceeding shall be governed by the substantive laws of India.
5. The proceedings of Arbitration shall be in English language.
6. Except as otherwise provided elsewhere in the contract if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, at any time in connection with construction, meaning, operation, effect, interpretation or out of the contract or breach thereof the same shall be decided by an Arbitral Tribunal consisting of three Arbitrators. Each party shall appoint one Arbitrator and the Arbitrators so appointed shall appoint the third Arbitrator who will act

as Presiding Arbitrator.

7. In case, a party fails to appoint an arbitrator within 30 days from the receipt of the request to do so by the other party or the two Arbitrators so appointed fail to agree on the appointment of third Arbitrator within 30 days from the date of their appointment upon request of a party, the Chief Justice of India or any person or institution designated by him (in case of International commercial Arbitration) shall appoint the Arbitrators/Presiding Arbitrator. In case of domestic contracts, the Chief Justice of the High Court or any person or institution designated by him within whose jurisdiction the subject purchase order/contract has been placed / made, shall appoint the arbitrator/Presiding Arbitrator upon request of one of the parties.
8. If any of the Arbitrators so appointed dies, resigns, incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/ arbitrator to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall precede de novo.
9. It is a Scope of the contract that the party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter.
10. It is also a Scope of the contract that neither party to the contract shall be entitled for any interest on the amount of the award.
11. The Arbitral Tribunal shall give reasoned award and the same shall be final, conclusive and binding on the parties.
12. The fees of the arbitrator shall be borne by the parties nominating them and the fee of the Presiding Arbitrator, costs and other expenses incidental to the arbitration proceedings shall be borne equally by the parties.
13. Subject to as aforesaid the provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment in lieu thereof shall apply to the arbitration proceedings under this clause.
14. Continuance of the Contract: Notwithstanding the fact that settlement of dispute(s) (if any) under arbitration may be pending, the parties hereto shall continue to be governed by and perform the work in accordance with the provisions under this Contract.

3.24 Governing Language

The Contract shall be written in the English language. Subject to Clause 3.25, that language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in that same language.

3.25 Applicable Law

The Contract shall be governed by and construed in accordance with the laws of India.

3.26 Notices

1. Any notice by one party to the other pursuant to the Contract shall be sent in writing or by email and confirmed in writing to the address specified for that purpose in the contract.
2. A notice shall be effective when delivered or on the notice's effective date and time, whichever is later.

3.27 Back-up Support

Vendor shall furnish details of the back-up engineering and systems support that will be available to the Purchaser. Vendor shall provide the necessary back up support to maintain the desired SLAs.

3.28 Firm price

Refer clause no. 2.10

3.29 Delivery

The goods and services are to be supplied as per schedule specified at clause 5.5.

3.30 Passing of Property

Ownership shall not pass to the Purchaser unless and until the Goods have been delivered, installed and commissioned, in accordance with the conditions of the contract to the entire satisfaction of the Purchaser.

3.31 Deductions

Payments shall be subject to deductions of any amount, for which the Vendor is liable under the agreement against this Bid.

3.32 Taxes and Duties

1. The Vendor shall be entirely responsible for all taxes, duties, license fees, demurrage charges etc., incurred until delivery of the contracted Goods to the Purchaser. If there is any reduction/increase in duties and taxes due to any reason whatsoever, after Notification of Award, the same shall be passed on to the Purchaser/vendor.
2. Any tax will be reimbursed by UIDAI only after submission of the proofs of payment of the same.

3.33 Insurance

The Goods supplied under the Contract shall be fully insured by the Vendor against loss or damage incidental to manufacture or acquisition, transportation, storage, delivery, installation and commissioning. Cost of insurance is deemed to be included in quoted value of the goods and services.

3.34 "No Claim" Certificate

The Vendor shall not be entitled to make any claim whatsoever against the Purchaser under or by virtue of or arising out of this contract, nor shall the Purchaser entertain or consider any such claim, if made by the Vendor after he shall have signed a "No claim" certificate in favor of the Purchaser in such forms as shall be required by the Purchaser after the works are finally accepted.

3.35 Continuing Support

The Vendor shall provide adequate and appropriate support and participation, on a continuing basis, in tuning all vendor supplied goods and services to meet the

requirements of the applications.

3.36 Conflict of Interest

The bidder should not have any Conflict of Interest that may affect selection of bidder during selection stage. The bidder shall disclose to the Purchaser in writing, all actual and potential conflicts of interest that exist, arise or may arise (either for the bidder or the bidder's Team) in the course of performing the Services as soon as practical after it becomes aware of that conflict.

3.37 Delivery and Risk Purchase

1. The time and the date of delivery of the goods and services as specified in Section V of this RFP shall be deemed to be the essence of the contract and delivery must be completed as per delivery schedule as per schedule specified at clause 5.5.
2. The vendor shall deliver the goods and services at the place specified as per the Acceptance of Bid. No goods and services shall be deliverable at the Purchaser's Consignee's premises on Sunday and Public Holidays without written permission of the Purchaser.
3. The Purchaser reserves the right to cancel the contract or a portion thereof and purchase the goods and services as specified in Section V of this RFP at the risk and cost of Contractor after giving due notice to the vendor even before completion of the contractual delivery schedule if it becomes apparent that vendor will not be able to fulfill the contractual obligations. In case the vendor fails to complete the supply of goods and services or a portion thereof within the contractual delivery schedule, the Purchaser has the right to purchase the goods and services or a portion thereof at the risk and cost of vendor.
4. In the event of cancellation of the contract by Purchaser at the risk and cost of the vendor, the vendor shall be liable for any loss which the Purchaser may sustain on account of risk purchase But the vendor shall not be entitled to any gain on such purchase made against such default. The manner and method of such purchase shall be at the entire discretion of the Purchaser, whose decision will be final.
5. The purchaser reserves the right to suspend the business with such vendor who defaults in adhering to the contractual delivery schedule, quality of stores, etc. as

per the contract after giving show cause notice to the vendor and considering his reply, if any.

3.38 Fall Clause

The following fall clause will form part of the contract placed on successful Bidder:–

- a) The prices charged for services provided under this contract by the Bidder shall in no event exceed the lowest price at which the Bidder sells Services or offers to sell Services of identical description/similar buying circumstances to any persons/organizations including the Purchaser or any department of the Central or State Government or any statutory undertaking of the Central or State Govt., as the case may be, during the currency of the contract.
- b) If any time during the contract period the Bidder reduces the sale price, sells or offers to sell such Services to any person/organization including the purchaser or any department of State or Central Govt. or any department. of a State Govt. for statutory undertaking of the Central or State Govt. as the case may be at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction of sale or offer to sell to the purchaser and the price payable under the contract for the Services supplied after the date of coming into force of such reduction or sale or offer to sell shall stand correspondingly reduced.

3.39 Indemnification and Limitation of Liability

3.39.1 General Indemnity

Subject to Clause 3.39.2 below, the successful bidder/ vendor (the "Indemnifying Party") undertakes to indemnify the Purchaser and its nominated agencies (the "Indemnified Party") from and against all losses, claims, damages, compensation etc. on account of bodily injury, death or damage to tangible personal property

arising in favour of any person, corporation or other entity (including the Indemnified Party) attributable to the Indemnifying Party's negligence, willful default, lack of due care or breach of terms of this Agreement.

3.39.2 IPR Indemnity

If the Indemnified Party promptly notifies the Indemnifying Party in writing of a third party claim against the Indemnified Party that any Goods / Deliverables/ Services provided by the Indemnifying Party infringes a copyright, trade secret, patent or other intellectual property rights of any third party, the Indemnifying Party will defend such claim at its expense and will pay any costs or damages that may be finally awarded against the Indemnified Party. The Indemnifying Party will not indemnify the Indemnified Party, however, if the claim of infringement is caused by (a) The Indemnified Party's misuse or modification of the Deliverables; (b) The Indemnified Party's failure to use corrections or enhancements made available by the Indemnifying Party; (c) The Indemnified Party's use of the Deliverables in combination with any product or information not owned or developed or supplied by the Indemnifying Party. If any of the Deliverables is or likely to be held as infringing, the Indemnifying Party shall at its expense and option either (i) procure the right for the Indemnified Party to continue using it, (ii) replace it with a non-infringing equivalent, (iii) modify it to make it non-infringing.

3.39.3 Conditions for Indemnity

Without prejudice to the rights of the Purchaser in respect of indemnification for any claim:

- i. The Purchaser shall notify the vendor upon receipt of any notice of claim setting out in reasonable particulars, the details of such notice of claim;
- ii. Immediately upon receipt of notification of any claim from the Purchaser, the vendor within a period of 5 days from date of receipt of such notice from the Purchaser, notify the Purchaser whether the vendor wish to assume the defence

in relation to such claim (including settlement or resolution thereof). Thereafter, the vendor shall be entitled in consultation with the Purchaser, and only to the extent such action does not in any manner compromise, prejudice or adversely affect the interests of the Purchaser, to take such action as mutually agreed upon by vendor and the Purchaser to avoid, dispute, deny, resist, appeal, compromise or consent such claim, within a period of 30 days from the date of receipt of such claim notification;

- iii. Notwithstanding anything contained herein, the vendor and the Purchaser agree and covenant that a notice by the Purchaser to the vendor in relation to the claim as aforesaid shall amount to express acceptance and consent by the vendor to indemnify the Purchaser for all losses in relation to such claim. Upon notice by the vendor, the Purchaser shall reasonably co-operate with the vendor at the sole costs of the vendor, only to the extent the same does not in any manner compromise, prejudice or adversely affect the rights of the Purchaser. The Purchaser shall have the right, at its option, to participate in the defence of such claim;
- iv. If the vendor fails to take any action as per the above clause within the time period as specified therein, the Purchaser shall have the right, in its absolute discretion, to take such action as it may deem necessary to avoid, dispute, deny, resist, appeal, compromise or contest or settle any claim (including without limitation, making claims or counterclaims against third parties). If the vendor does not assume control of the defence of such claims (as mentioned above), the entire defence, negotiation or settlement of such claim by the Purchaser shall be deemed to have been consented to by, and shall be binding upon, vendor as fully as though the vendor alone had assumed the defence thereof and a judgement had been entered into by the vendor, for such claim in respect of the settlement or judgement.

3.39.4 Risk Purchase

If the vendor fails to perform its obligations (or any part thereof) under this Agreement or if the Agreement is terminated by the Purchaser due to breach of any obligations of the vendor under this Agreement, the Purchaser

reserves the right to procure the same or equivalent Goods / Services / Deliverables from alternative sources at the vendor's risk and responsibility. Any incremental cost borne by the Purchaser in procuring such Goods /Services/ Deliverables shall be borne by the vendor. Any such incremental cost incurred in the procurement of the such Goods /Services/ Deliverables from alternative source will be recovered from the undisputed pending due and payable Payments /Security Deposit / Bank Guarantee provided by the vendor under this Agreement and if the value of the Goods /Services/Deliverables under risk purchase exceeds the amount of Security Deposit and / or Bank Guarantee, the same may be recovered, if necessary, by due legal process.

3.39.5 Limitation of Liability

1. Except in case of gross negligence or willful misconduct:

- a. Neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the vendor to pay liquidated damages to the Purchaser; and
- b. The aggregate liability of the vendor to the Purchaser whether under the Contract, in tort, or otherwise, shall not exceed the amount specified in the Contract Price provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the vendor to indemnify the Purchaser with respect to patent infringement.
- c. The Purchaser shall not be liable to the vendor in case of any loss or profits or additional costs incurred etc. subsequent to termination of contract as per clause 3.19 of this RFP.

2. This limitation of liability shall not affect the Vendor's liability, if any, for damage to Third Parties caused by the Vendor/ Vendor's Team or any person or firm/ company acting on behalf of the Vendor in executing the work or in carrying out the services.

3.39.6 Allocation of liability

The allocations of liability represent the agreed and bargained-for understanding of the parties and compensation for the Services/Deliverables reflects such allocations.

3.40 Defective Media Retention

UIDAI will retain any defective data storage medium including but not limited to hard disk, SSD/Flash drive and data storage components that UIDAI does not want to relinquish due to sensitive data contained within the medium. The Vendor should provision for this requirement in their bid and accordingly in the warranty/AMC of the components.

3.41 Other obligations of Vendor

Vendor shall ensure that the hardware, firmware and the software being offered as part of the contract does not contain any kind of malicious code that would activate procedures to:

- Inhibit the desired and the designed function of the equipment
- Cause physical damage to the user or his equipment during the operational exploitation of the equipment
- Tap information regarding the system, network, network users and information stored on the network that is classified and/or relating to National Security, thereby contravening Official Secrets Act 1923.
- Cause any loss or corruption of data

Vendor shall be responsible for ensuring that the infrastructure provides multiple levels, layers of security against any kind of snooping, break-in and that there are no Trojans, Viruses, Worms, Spywares or any malicious software on the system and in the software, components or embedded shipped software developed or deployed.

4 Section IV – Contents Of Bids

4.1 Technical Bid

4.1.1 Bid Particulars

Bid No._____

1	Name of the Bidder	
2	Address of the Bidder	
3	Name of the Manufacturer/Developer of the Products offered	
4	Address of the Manufacturer/Developer of the Products offered	
5	Place of Manufacture/Development of the Products offered	
6	Service Facilities available for maintenance	
7	Availability of spare parts (for Hardware Component)	
8	Bidders Proposal Number and date	
9	Name, address and contact details of the officer (single point of contact) to whom all references shall be made regarding this bid	

Signature & seal of the bidder

Name :

Full Address :

Telephone No :

Fax No :

Email ID:

4.1.2 Technical Bid Letter

To

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

Ref : Bid No. _____

Sir,

We declare:

- (i) That we are manufacturers/ system integrators of -----

 - (ii) That we/our principals 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 hereby offer to supply the Goods/Services at the cost and rates determined through reverse auction process.
- 3. PERIOD OF DELIVERY**
- We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the Schedule to the Bid Document as given in **Annexure 4.1.4** and that we shall perform all the incidental services.
- 4. TERMS OF DELIVERY**

The prices quoted are inclusive of all charges including installation and commissioning charges in the UIDAI at the locations as mentioned in **Appendix F**.

5. We enclose herewith the complete **Technical Bid** as required by you. This includes duly filled and signed **Section IV**.
6. We agree to abide by our offer for a period of **180 days** from the date of opening of the technical bids.
7. We have carefully read, understood and accept the terms & conditions specified in the bid. We do hereby undertake to supply Hardware and Software as per these terms and conditions of the bid document.
8. Certified that the bidder is :
 - a) The Constituted attorney of the company and the person signing the bids is the constituted attorney of the Company.

OR

 - b) 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.)

9. Bid Security (**Earnest Money**), in original, for an amount equal to **Rs.** _____ (**Rupees** _____ **only**)/Bid Securing Declaration is enclosed in the Cover containing **Pre-Qualifying and Technical Bid**.
10. We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and placement of Letter of Intent awarding the Contract, shall constitute a binding contract between us.

Dated this day of 2017

Signature & seal of the bidder

Name :

Full Address :

Telephone No :

Fax No :

Details of enclosures:

1.

4.1.3 Declaration for the Goods Offered

We hereby declare that the equipment quoted in this bid are brand new, not refurbished or used, free from all encumbrances, free from defects in any supplied material, workmanship and manufacture and shall be of the highest grade and quality and shall be in full conformity with the specifications, drawings or samples, if any, and shall operate properly.

Signature of Bidder

Date

Place

4.1.4 Delivery Schedule (Annexure 4.1.4)

Sl No	Activity	Deliverable	Timeline for completion* (Time in Months)
Part I – Commissioning of Equipment			
1.	Project Initiation		To (To is the date of acceptance of NOA by bidder)
2.	Delivery of Equipment	As mentioned in clause 5.2.1	To+ 8 Weeks
3.	Installation and Commissioning of Equipment	Installation/ Commissioning of the Infrastructure components and making the Infrastructure ready for Acceptance	To+ 12 Weeks
4.	Rendering of ATRR by vendor	The vendor is responsible for submission of Acceptance test readiness report (ATRR) for UAT	To+ 13 Weeks
5.	Acceptance and Operationalization of Equipment		Within 90 days after submission of ATRR of all equipment
Part II – Warranty and AMC			
6.	Initial bundled warranty/AMC	To be bundled with equipment itself	Till T+3 year [T is date of acceptance (User Acceptance test)]
7.	Yearly AMC Support for Equipment	Proof of Payment to OEMs and effective duration of AMC support	From completion of 3 years warranty till 7 years from acceptance date

* The timeline mentioned for Acceptance by purchaser is tentative. This may increase or decrease for which UIDAI shall not be responsible for any cost if incurred by vendor on this account.

Signature of Bidder

Date

Place

4.1.5 Warranty

We warrant that everything to be supplied by us hereunder shall be brand new, free from all encumbrances, defects and faults in material, workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for materials of the type ordered shall be full conformity with the specifications, drawings or samples, if any, and shall operate properly. We shall be fully responsible for its efficient and effective operation. This warranty shall survive inspection of and for, and acceptance of the goods, but shall expire after **3 Years (36 months)** from the date of acceptance of equipment by the Purchaser. Post completion of warranty, 4 year AMC period will start.

The obligations under the Warranty expressed above shall include all charges relating to labour, spares, maintenance (preventive, scheduled and unscheduled), and transport charges from site to manufacturers works and back and for repair/adjustment or replacement at site of any part of the equipment which under normal care and proper use and maintenance proves defective in design, material or workmanship, or fails to operate correctively and effectively.

Signature of Bidder

Date

Place

4.1.6 Manufacturer's Authorization Form

(This form has to be provided by the OEMs of the products proposed)

No.

Date:

To

**The Deputy Director General (Technology)
Unique Identification Authority of India (UIDAI)
Tower II, 3rd Floor,
Jeevan Bharati Building,
Connaught Circus,
New Delhi – 110001.**

Dear Sir,

Sub : Manufacturer's Authorization Form for UIDAI Tender/bid No

.....

This is to certify that I/we **<Insert complete legal name of the OEM>**; am/are having our registered office at < Insert complete OEM address of India > and am/are the reputed Original Equipment Manufacturers ("OEM") in respect of the products listed below ("Products"). I/We confirm the Products listed herein will not be announced End-of-Sale for a minimum of 24 months from the date of its acceptance by UIDAI.

I/We confirm that **<Insert complete legal name of Bidder>** has due authorization from us to quote for "Products" in UIDAI tender/bid No

I/We also confirm that **<Insert complete legal name of Bidder>** has due authorization from us to resell and supply "Products" to UIDAI.

The **<Insert complete legal name of Bidder>** is also authorized by us, to provide the solution, implementation, requisite training & provide maintenance and upgrade support services for “Products” to UIDAI.

When resold by reseller the Products shall be subject to applicable warranty terms and service policies of the OEM.

I/We affirm that as of the date of this letter, we shall make support available for the “Products” and provide support of parts for repair (or functionally equivalent replacements) thereof for a period of up to seven (7) years from the date commencement of warranty.

We assure you that in the event of **<Insert complete legal name of Bidder>**, not being able to fulfil its obligation as our representative in respect of applicable standard warranty and AMC terms, we would continue to meet our warranty and AMC terms for the entire term of the contract agreement with UIDAI, as signed at the start of the contract, through appropriate alternate arrangement(s)/ through our support mechanism in India.

This authorization letter is applicable against the “Products” listed below:

<u>S. No.</u>	<u>Product Name (with Model No.)</u>
1.	
2.	
3.	

For and on behalf of **<Insert OEM’s company name>**

<Signed and Sealed>

<Name of Authorised Signatory>

<Designation>

<Contact Details>

Cc: Bidder's corporate name & Address

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. The bidder in its Bid should include it. The MAF shall **mandatorily be submitted** in the format as specified, and no Non-Conformity of the same shall be accepted by UIDAI. Minor non-conformities may be reviewed and approved by the UIDAI in its sole discretion.

4.2 Commercial Bid

4.2.1 Bid Particulars

FOR Bid No. _____

1	Name of the Bidder	
2	Address of the Bidder	
3	Name of the Manufacturer/Developer of the Products offered	
4	Address of the Manufacturer/Developer of the Products offered	
5	Place of Manufacture/Development of the Products offered	
6	Service Facilities available for maintenance	
7	Availability of spare parts (for Hardware Component)	
8	Bidders Proposal Number and date	
9	Name, address and contact details of the officer (single point of contact) to whom all references shall be made regarding this bid	

Signature & seal of the bidder

Name :

Full Address :

Telephone No :

Fax No :

Email ID:

4.2.2 Commercial Bid Letter

To

**The Deputy Director General (Technology)
Unique Identification Authority of India (UIDAI)
Tower I, 9th Floor,
Jeevan Bharati Building,
Connaught Circus,
New Delhi – 110001.**

Ref : Bid No. _____

Sir,

We declare:

- (i) That we are manufacturers / System Integrators of -----

- (ii) That we/our principals 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 hereby offer to supply the Goods/Services at the prices and rates determined through reverse auction.

3. PERIOD OF DELIVERY

We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the Schedule to the Bid Document as given in **Annexure 4.1.4** and that we shall perform all the incidental services.

4. TERMS OF DELIVERY

The prices quoted are inclusive of all charges including installation and commissioning charges as mentioned in RFP in the UIDAI at the locations as mentioned in **Appendix F**.

5. We enclose herewith the complete **Commercial Bid** as required by you. This includes duly filled and signed **Section IV**.
6. We agree to abide by our offer for a period of **180 days** from the date of opening of the technical bids.
7. We have carefully read, understood and accept the terms & conditions specified in the bid. We do hereby undertake to supply Hardware and Software as per these terms and conditions.
8. Certified that the bidder is :
 - a) The Constituted attorney of the company and the person signing the bids is the constituted attorney of the Company.

OR

- b) 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.)

9. Bid Security (**Earnest Money**), in original, for an amount equal to **Rs. _____ (Rupees _____ Only)**/Bid Securing Declaration is enclosed in the Cover containing **Pre-Qualifying and Technical Bid**.
10. We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and placement of Letter of Intent awarding the Contract, shall constitute a binding contract between us.

Dated this day of 2017

Signature and seal of the bidder

Name :

Full Address :

Telephone No :

Fax No :

Details of enclosures:

- 1.**
- 2.**
- 3.**

4.2.3 Summary of the Costs of Hardware/ Goods/ Equipment/Services Offered

Annexure 4.2.3

(To be re submitted after successful reverse auction)

S. No.	Description	Contractual value (in Rupees) (Exclusive of Taxes)
1.	FORM-1:Total Cost of Equipment(Annexure 4.2.4)	
2.	FORM-2: Total Cost of AMC (Annual Maintenance Charges for four years) (Annexure 4.2.5)	
	Total Contract Value in figures:	
	Total Contract Value in Words:	

Signature & seal of the bidder

Name :

Full Address :

Telephone No :

Fax No :

4.2.4 Commercial Bid Form-1:Cost Of Hardware/ Goods/ Equipment(Capex Cost)

(To be re submitted after successful reverse auction)

Annexure 4.2.4

Bidder Name :

Sl. No.	Equipment Description	Make and Model	Quantity	Rate per Unit Rs. (Without Taxes)	Tax in % on Unit Rate	Total Capex Cost without Taxes = Col(4) * Col(5)	Total Capex Cost with Taxes = [Col (7) + {Col(7)* Col(6)/100}]
1	2	3	4	5	6	7	8
Manesar							
1.01	Load Balancer		1				
1.02	HSM		6				
Hebbal							
2.01	HSM		2				
New DC 1							
3.01	Load Balancer		2				
3.02	HSM		4				
3.03	IPS		2				

3.04	Firewall		2				
3.05	Access switch		4				
3.06	Access Manageme nt switch		2				
3.07	Router		2				
New DC 2							
4.01	Load Balancer		2				
4.02	HSM		4				
4.03	IPS		2				
4.04	Firewall		2				
4.05	Access switch		4				
4.06	Access Manageme nt switch		2				
4.07	Router		2				
Total (Z)							
Total Amount in Words							

IMPORTANT NOTE: The bidder should note that all equipment mentioned above should be quoted failing which the bid is liable to be rejected.

Signature & Seal of Bidder

Date :

Place:

4.2.5 Commercial Bid Form-2: AMC Cost of Hardware/ Goods/ Equipment (Total Cost of Annual Maintenance Charges for 4 Years) (Opex Cost)

(To be re submitted after successful reverse auction)

Annexure 4.2.5

Bidder Name:

Sl. No.	Equipment Description	Make and Model	Quantity	Total AMC Cost for 4 years per unit @ Rs. (without taxes)	Tax in % on Unit Rate	Total AMC Cost without Taxes = col (5)* col (4)	Total AMC Cost with Taxes for 4 years = [Col (7) +{Col(7)* Col(6)/100}]
1	2	3	4	5	6	7	8
		Manesar					
1.01	Load Balancer		1				
1.02	HSM		6				
		Hebbal					
2.01	HSM		2				
		New DC 1					
3.01	Load Balancer		2				
3.02	HSM		4				
3.03	IPS		2				
3.04	Firewall		2				

3.05	Access switch		4				
3.06	Access Management switch		2				
3.07	Router		2				
		New DC 2					
4.01	Load Balancer		2				
4.02	HSM		4				
4.03	IPS		2				
4.04	Firewall		2				
4.05	Access switch		4				
4.06	Access Management switch		2				
4.07	Router		2				
		Total (Y)					
		Total Amount in Words					

Note:

@Value to be filled in column (5) in table above shall be sum of maintenance cost of each equipment for all the four years.

IMPORTANT NOTE: The bidder should note that all equipment mentioned above should be quoted failing which the bid is liable to be rejected.

Signature & Seal of Bidder

Date :

Place :

5 Section V – Scope of Work

5.1 Scope of Work

1. The Unique Identification Authority of India (UIDAI) is inviting bids for “**Supply, Installation, Commissioning and Post warranty Maintenance of IT Network Equipment**” at its Data Centres at Hebbal, Manesar and two upcoming DCs.
2. The scope of work for this bid comprises of supply, installation, commissioning and maintenance of Hardware and Software during the contract period

5.2 Supply of Hardware

5.2.1 Bill of Material

The successful bidder/ Vendor shall have to supply following hardware. Minimum specifications required for each product are as mentioned in AppendixH.

Components	Manesar DC	Hebbal DC	New DC1	New DC2	Total
Load Balancer	1	0	2	2	5
HSM	6	2	4	4	16
IPS	0	0	2	2	4
Firewall	0	0	2	2	4
Access switch	0	0	4	4	8
Access Management switch	0	0	2	2	4
Router	0	0	2	2	4

5.2.2 Installation and Commissioning of Hardware

The successful bidder/ Vendor shall be responsible for installation, commissioning, testing and maintenance of Hardware and Software at the Data Centres at Hebbal, Manesar and two upcoming DCs in consultation with UIDAI.

5.3 Schedule of requirements

1. The Bidder shall be responsible to Supply, Install, Commission, and Maintain the supplied Hardware and also provide Services as mentioned in this Section. The Bidder should offer only the line items indicated in para 5.2.1, No alternate Hardware and Software should be proposed by the bidder.
2. The Bidder should ensure that all the peripherals, accessories, sub-components required for the functionality and completeness for the Schedule of Requirements including but not limited to devices, equipment, accessories, patch cords (copper/fiber), cables, software licenses, tools, etc. should also be provisioned according to the requirements for successful installation and commissioning of systems.
3. The Bidder will have to make all provisions to meet the schedule of requirements at no additional cost and time implications to UIDAI. UIDAI will not be responsible if the Bidder has not provisioned some components, sub-components, assemblies, sub-assemblies as part of the bill of material in the Bid.
4. All the software licenses that the Bidder provide should be perpetual software licenses along with maintenance, upgrades and updates during the currency of the contract. The software licenses should not be restricted based on location and UIDAI should have the flexibility to use the software licenses for other requirements if required. The Bidder should provide the licensing policy for every software component along with the Technical Bid.
5. The Bidder should ensure that there is a 24x7 comprehensive onsite support arrangement during the currency of the contract with all the OEMs for respective components. The OEMs should provide an undertaking in the format provided in Section VI, Appendix E.
6. The Bidder should ensure that none of the components and sub-components is declared end-of support by the respective OEM during the contract duration of 7 years. If, the OEM declares any components/sub-components end of support within the aforesaid period, bidder shall replace it with an equivalent or better substitute that is compatible to the existing product/equipment, without any additional cost to UIDAI and without impacting the performance of the solution in

any manner. In case it is not compatible with the product/equipment, bidder shall replace the product/equipment with an equivalent or better product/equipment that is acceptable to UIDAI, without any additional cost and without impacting the performance of the solution in any manner.

7. Any equipment supplied to UIDAI shall not be declared end of sale for a minimum of 24 months and end of support for a minimum of 7 years from the date of its acceptance by UIDAI. If, the OEM declares any of the product(s) end of sale/ end-of-support within the aforesaid period, the Bidder should replace the products/solutions with an alternate superior product that is acceptable to UIDAI, without any additional cost to UIDAI and without impacting the performance of the solution in any manner.
8. The Bidder should ensure that the equipment can be mounted into the industry standard Racks provisioned by the UIDAI or by the Bidder. If the equipment proposed by the Bidder cannot be mounted into the Racks provisioned, the Racks for those equipment should be provisioned by the Bidder separately without any additional cost to the UIDAI.
9. The Bidder is responsible for provisioning all the equipment along with associated peripherals, accessories, cables, sub-components, etc.
10. Any additional components, sub-components, **assemblies, sub-assemblies** that would be required to **meet the desired performance requirements under “live”** conditions will have to be provisioned by the Bidder at no additional cost to UIDAI and without any project delays.
11. It is expected that the Bidder will provide the hardware and software after due consideration to the **compatibility issues** between various proposed components. If there is a problem with compatibility between components, the Bidder should **replace the components with an equivalent or better component that is acceptable to UIDAI** at no additional costs to UIDAI and without any project delays. The successful bidder/ Vendor shall have to provide minimum one hard and two soft copies of all the manuals, documentation, including but not limited to, detailed operations manual, maintenance manual, administration manual, etc. for each and every equipment / component proposed

as part of this Bid. The documentation shall be supplied for Installation, Maintenance, Servicing and Operations of equipment / components.

12. After acceptance tests and final acceptance of Hardware and Software by UIDAI, the successful bidder shall hand over the Hardware/software to the UIDAI and shall continue to provide Warranty / AMC services under the direct supervision of UIDAI.

5.4 Services

5.4.1 Requirements and Objectives

1. The Bidder shall provide services for installation, commissioning and other incidental services at Data Centres at Hebbal, Manesar and two upcoming DCs.
2. The services, including but not limited to the following, should be provided
 - i. Planning and scheduling for installation and commissioning as per agreed plan.
 - ii. Installation of hardware, software.
 - iii. Maintenance and Support for the infrastructure provided.
3. The successful bidder/Vendor shall be responsible for the generation and submission of necessary documentation required during various phases of the project viz. Planning, Installation, Commissioning and Acceptance. Prior approval of UIDAI is required on all such documentation before commencement of activity.
4. The successful bidder/Vendor shall be responsible for the installation of the equipment supplied, commissioning of the infrastructure and coordination with other vendors/entities.
5. The successful bidder/Vendor shall document the baseline for installing and commissioning of all equipment and get it approved from UIDAI prior to commencement of installation.
6. The installation and commissioning would be considered acceptable only after the conditions stipulated as under Clause 3.6 are completely met to the satisfaction of UIDAI.

7. The successful bidder/Vendor shall be responsible for coordination with all the existing vendors of UIDAI, troubleshooting, addressing borderline issues, coordinating with users at UIDAI locations, to ensure successful rollout of the solution.
8. UIDAI shall provide necessary space and required infrastructure. However, UIDAI shall not provide for any Desktops, Printers, Stationary, etc. required by the resources for providing services under this contract.
9. All the personnel employed by the successful bidder/Vendor for this contract shall adhere to the security policy of UIDAI and should follow the policy of UIDAI in terms of software, configuration and services.

5.4.2 Installation, Commissioning and Testing

In case of any conflict in the clauses mentioned below with any section in the RFP, the clauses mentioned under clause 3.6 will supersede.

5.4.2.1 Installation and Commissioning for all Hardware

1. The successful bidder/Vendor, along with UIDAI, shall undertake pre-installation planning at both the locations including but not limited to Rack planning, structure cabling, power points, check on utility services, environmental conditions, etc.
2. Delivery, installation, and commissioning of the hardware/software along with associated peripherals in the Data Centre space provided by UIDAI.
3. The successful bidder/Vendor shall coordinate with the MSP and other vendors of UIDAI, wherever required, in order to prepare the plan.
4. Carry out installation of equipment in accordance with plans as approved by UIDAI.
5. Installation and configuration of software license including, but not limited to, Operating System (OS), etc. on the IT equipment shall be the responsibility of the successful bidder/Vendor. The successful bidder/Vendor shall also tune the parameters for optimal performance of the OS.

5.4.2.2 Other Services

1. Adhere to the goods movement procedures and policies defined by UIDAI.
2. Consult with UIDAI to determine the Deployment Plan. The Deployment Plan shall be arrived at by the successful bidder/Vendor keeping in account the existing Space, Floor Strength and Power Requirements in data centers in such a manner that it does not interrupt the ongoing operations of the Data Centre.
3. Any component before it gets deployed in the Data Centre has to be assembled as per the given configuration and tested in the pre-production staging environment. The successful bidder/Vendor must provide a list of tests to be carried out from point of view of functionality, performance, availability through clustering, security and manageability. Test reports have to be maintained for each component.
4. Layout plan will be provided to the successful bidder/Vendor. The successful bidder/Vendor is responsible for physical movement and installation of components as per the layout plan in the Data Center.
5. Upon completion of deployment of the all hardware and software, the successful bidder/Vendor shall be required to perform a systematic and complete handover the infrastructure to UIDAI for ongoing operations and maintenance as per instructions provided by UIDAI.

5.4.2.3 Technical Support

1. The successful bidder/Vendor shall provide comprehensive onsite support to UIDAI at the designated Data Centers on a 24x7 basis to ensure required uptime for the infrastructure provided as part of the Bid.

5.4.2.4 Warranty

1. Refer clause 4.1.5 and the bidder shall provide comprehensive onsite warranty on a 24x7 basis for a period of 3 Years (36 months) in respect of all the Hardware/equipment under this contract. The warranty period shall commence from the date of acceptance of the goods/ hardware/ equipment. Comprehensive AMC after completion of 3 years to be provided till the end of the contract.

5.4.2.5 Ongoing Maintenance & Support Services

1. The successful bidder/ vendor shall be responsible for tasks including but not limited to configuration and setting up of Hardware/Equipment. The Bidder shall also be responsible for executing software updates when necessary. These services shall be provided at the time of installation and commissioning and thereafter on ongoing basis till the currency of contract.
2. The successful bidder/ vendor shall provide support at the Data Centres of UIDAI at Hebbal, Manesar and two upcoming DCs.

5.4.3 Service Levels - Implementation Phase related Performance Levels

#	Parameter of Service Level Agreement	Definition	Service Level Target	Liquidated Damages
1.	Delay in delivery of equipment	Measured as the difference between the planned date for delivery and the actual date of delivery.	Upto 14 days	0.05% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 14 day & <= 28 days	0.1% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 28 day & <= 42 days	0.2% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof

#	Parameter of Service Level Agreement	Definition	Service Level Target	Liquidated Damages
			> 42 days	0.5% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
2.	Delay in installation and commissioning of equipment	Measured as the difference between the planned date and the actual date	Upto 14 days	0.05% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 14 day & <= 28 days	0.1% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 28 day & <= 42 days	0.2% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 42 days	0.5% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
3.	Delay in submission of	Measured as the difference between the	Upto 14 days	0.05% of Capex Cost as mentioned in NOA/purchase order

#	Parameter of Service Level Agreement	Definition	Service Level Target	Liquidated Damages
	ATTR of equipment	planned date and the actual date		of respective delayed equipment per week or part thereof
			> 14 day & ≤ 28 days	0.1% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 28 day & ≤ 42 days	0.2% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
			> 42 days	0.5% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof
4.	Delay In successful User Acceptance test	It is cumulative time taken by bidder to rectify the issue discovered in equipment during the acceptance phase	≤ 14 days	NIL
			For every day after 14 days	0.1% of Capex Cost as mentioned in NOA/purchase order of respective delayed equipment per week or part thereof

Note: Liquidated Damages of the relevant slabs will be applicable depending on the total number of days for delay in services.

Example for LD calculation:

In case of 20 days delay in delivery of equipment, LD for second slab of Serial number 1 above will be applicable. In this case LD will be 0.1 % of Capex Cost of the respective delayed equipment x 3 (for 3 weeks) i.e. **0.3 % of Capex Cost** of the respective delayed equipment.

5.4.4 Service levels –Issue Resolution

If the successful bidder fails to meet one or more of the Service Levels within the Target time limit(s) as specified, the Purchaser shall without prejudice to its other remedies under the Contract, deduct the amount from the Contract value, as liquidated damages.

Support for the OEM components during warranty and AMC shall be provided 24x7 basis including public holidays.

5.4.4.1 SLA applicable during Warranty period

SLAs that are applicable during the warranty period of 3 year duration are as under:

S No.	Parameter of Service Level Agreement	Allowed resolution Time	Liquidated Damages
1	<p>For each equipment</p> <p>(a) The vendor shall install Critical security patches and upgrades/updates of Firmware/Microcode/ Software including any configuration activity within the allowed resolution time;</p> <p>and</p> <p>(b) The vendor shall rectify defective hardware components/parts within the allowed resolution time;</p> <p>and</p> <p>(c) Vendor shall replace defective hardware</p>	Within 24 Hours after Service call is registered with Vendor	0.1% of Capex cost (as mentioned in NOA/purchase order) of the respective defective equipment, for every 12 hours or part thereof, beyond the stated resolution time.

	components/parts within the allowed resolution time.		
2	Each equipment shall be made available at all the time during the contract period except in cases where equipment is completely broken down due to any reason whatsoever. In such cases where any equipment is completely broken down, defect of that equipment shall be restored within allowed resolution time.	Within 8 Hours after Service call is registered with Vendor	0.5% of Capex cost (as mentioned in NOA/purchase order) of the respective defective equipment, for every 4 hours or part thereof, beyond the stated resolution time.

5.4.4.2 SLA applicable during AMC period

SLAs that are applicable during the AMC period of 4 year duration are as under:

S No.	Parameter of Service Level Agreement	Allowed resolution Time	Liquidated Damages
1	<p>For each equipment</p> <p>(a) The vendor shall install Critical security patches and upgrades/updates of Firmware/Microcode/ Software including any configuration activity within the allowed resolution time;</p> <p>and</p> <p>(b) The vendor shall rectify defective hardware components/parts within the allowed resolution time;</p> <p>and</p> <p>(c) Vendor shall replace defective</p>	Within 24 Hours after Service call is registered with Vendor	1% of AMC cost of relevant year (as mentioned in NOA/purchase order) of the respective defective equipment, for every 12 hours or part thereof, beyond the stated resolution time.

	hardware components/parts within the allowed resolution time.		
2	Each equipment shall be made available at all the time during the contract period except in cases where equipment is completely broken down due to any reason whatsoever. In such cases where any equipment is completely broken down, defect of that equipment shall be restored within allowed resolution time.	Within 8 Hours after Service call is registered with the Vendor	5% of AMC Cost of relevant year (as mentioned in NOA/purchase order) of the respective defective equipment, for every 4 hours or part thereof, beyond the stated resolution time.

5.4.4.3 Other SLAs applicable during the complete contract period

SLAs that are applicable during the complete contract period (Warranty & AMC) are as under:

S No.	Parameter of Service Level Agreement	Uptime	Liquidated Damages
1	Uptime at each Data Centre separately (Cumulatively calculated on Quarterly basis for all equipment in a Data Centre)	>= 99.9%	NIL
		>=99.7% to 99.9%	0.5% of total capex Cost*
		>=99.5 to 99.7%	1.0% of total capex Cost*
		>=99.3% to 99.5%	1.5 % of total capex Cost*
		>=99.0% to 99.3%	2.0 % of total capex Cost*
		< 99.0%	5% of total capex Cost or UIDAI may terminate the contract
2	Replacement of faulty equipment	In case any equipment breaks down completely due to any reason whatsoever, during warranty period and/or the AMC period, consecutively in 3 months or where the LD amount on account of SLA has crossed 15% of the Capex Cost of the said equipment, then the said equipment will be	

		replaced by the vendor without any additional cost to UIDAI within 30 days, from the date of last failure as intimated by UIDAI to vendor
--	--	---

* Total Capex Cost of all equipment at respective Data Centre as per PO/NOA

NOA: Notification of award

Note: Uptime (%) = $\{1 - [(Total\ Downtime) / (Total\ Time - Planned\ Downtime)]\} * 100$

Total Downtime: Total cumulative down time in hours for all the equipment in a quarter minus the planned downtime (maintenance) during the same quarter of all the equipment

Planned Downtime (maintenance): Total planned down time (maintenance time) in the quarter for all the equipment

Total Time: Total Number of equipment x 24 hours x 90 days

5.5 Timelines

5.5.1 Delivery Schedule and Implementation Schedule

As per Annexure 4.1.4

5.6 Commissioning and Acceptance

As per clause 3.6

6 SECTION VI – Appendix

6.1 Appendix A– Contract

CONTRACT

THIS AGREEMENT made this _____ day of _____ between CEO, Unique Identification Authority of India (hereinafter referred to as “**the Purchaser**”) which expression shall unless repugnant to the context or meaning thereof mean and be deemed to include its authorized representatives and permitted assigns of the FIRST PART and _____ having its Office at _____ (hereinafter referred to as “**the Vendor**”) which expression shall unless excluded by or repugnant to the context, includes their Heirs, Executors, Administrators and Legal Representatives of the SECOND PART.

WHEREAS Purchaser is desirous of entering into a contract for Procurement of IT Network Equipment and Accessories along with Incidental Services with the **Vendor**, for the Data Centres of Unique Identification Authority of India in Hebbal, Manesar and two upcoming DCs, and has accepted to pay to the **Vendor** the contract amount for provisioning of those goods & related Services at a total value not exceeding (**Rupees**) (herein after referred to as "the Contract Value").

AND WHEREAS the **Vendor** has agreed to provide Goods and Services as listed in Bid Document No _____, as per the rate(s) given in **the table below mentioned hereinafter**.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz:

A. Bid Document No_____ regarding “Supply, Installation, Commissioning and Post Warranty Maintenance of IT Network Equipment” in the Data Centres of Unique Identification Authority of India, including

(i)	Invitation to Bid	Section I
(ii)	Instruction to Bidders	Section II
(iii)	General Conditions of Contract	Section III
(iv)	Contents of bid	Section IV
(v)	Scope of Work	Section V
(vi)	Appendix	Section VI

B. Clarifications issued by the **Purchaser and successful bidder.**

C. Pre-Qualification, Technical and Commercial proposals submitted by the **Vendor.**

D. Order No._____ dated _____ placed on the **Vendor.**

E. Acceptance of the order vide No._____ dated _____ by the Vendor.

3. In consideration of the payments to be made by the **Purchaser** to the **Vendor** as hereinafter mentioned, the **Vendor** hereby covenants with the **Purchaser** to provide the goods and services and to remedy therein in conformity in all aspects with the provisions of the aforesaid Bid under reference.
4. The **Purchaser** hereby covenants to pay the **Vendor** in consideration of the provision of the Goods and Services as listed in Table below and the remedying of defects therein , the Contract Value or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Sl. No.	Equipment Description	Make and Model	Quantity	Rate per Unit Rs.	Tax in % on Unit Rate	Total Capex Cost without Taxes =Col(4) *Col(5)	Total Capex Cost with Taxes = [Col (7) +{Col(7)* Col(6)/100}]
1	2	3	4	5	6	7	8
Cost of Hardware/ Equipment							
1							
2							
3							
Total Cost of Equipment (X)							
Cost of AMC							
Sl. No.	Item Description	Make and Model	Quantity	Total AMC Cost for 4 years per unit Rs.	Tax in % on Unit Rate	Total AMC Cost without Taxes = col (5)* col (4)	Total AMC Cost with Taxes for 4 years = [Col (7) +{Col(7)* Col(6)/100}]
1	2	3	4	5	6	7	8
1							
2							
3							
Total Cost of AMC (Y)							
Total Cost (Z=X+Y)							

5. TOTAL CONTRACT VALUE:(Rupees)

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

**Signed, sealed and delivered for &
on behalf of M/s**

**Signed, sealed and delivered for
and on behalf of the CEO, Unique
Identification Authority of India**

Signature	-----	Signature	-----
Name	-----	Name	-----
Designation	_____	Designation	_____
Address	-----	Address	-----
Date	-----	Date	-----
Place	: New Delhi	Place	New Delhi

In the presence of:

In the presence of:

Signature	-----	Signature	-----
Name	-----	Name	-----
Designation	_____	Designation	_____
Date	-----	Date	-----
Place	: New Delhi	Place	New Delhi

6.2 Appendix B – Performance Bank Guarantee

PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE GUARANTEE BOND

Ref : _____

Date _____

Bank Guarantee No.

To

**The Deputy Director General (Technology),
Unique Identification Authority of India (UIDAI),
Tower II, 3rd Floor,
Jeevan Bharati Building,
Connaught Place,
New Delhi – 110001.**

1. Against contract vide Advance Acceptance of the Bid No. _____ dated _____ covering **“Supply, Installation, Commissioning and Post warranty maintenance of IT Network Equipment”** in the Data Centres of Unique Identification Authority of India at Hebbal, Manesar and two upcoming DCs(hereinafter called the said “Contract”) entered between the Unique Identification Authority of India (UIDAI) (hereinafter called the “Purchaser”) and _____ (hereinafter called the “Vendor”) this is to certify that at the request of the Vendor we _____ Bank Ltd., are holding in trust in favor of the Purchaser, the amount of _____ (write the sum here in words) to indemnify and keep indemnified the Purchaser against any loss or damage that

may be caused to or suffered by the Purchaser by reason of any breach by the Vendor of any of the Terms and Conditions of the said contract and/or in the performance thereof. We agree that the decision of the Purchaser, whether any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Vendor and the amount of loss or damage that has been caused or suffered by the Purchaser shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to the Purchaser.

- 2.** We _____ Bank Ltd., further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfillment in all respects of the said contract by the Vendor i.e. till _____ (viz the date up to ____ years and ____ months after the date of successful commissioning and acceptance of the system by the Purchaser) hereinafter called the said date and that if any claim accrues or arises against us _____ Bank Ltd., by virtue of this guarantee before the said date, the same shall be enforceable against us _____ Bank Ltd., notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us _____ Bank Ltd., by the Purchaser before the said date. Payment under this letter of Guarantee shall be made promptly upon our receipt of notice to that effect from the Purchaser.
- 3.** It is fully understood that this guarantee is effective from the date of the said contract and that we _____ Bank Ltd. Undertake not to revoke this guarantee during its currency without the consent in writing of the Purchaser.
- 4.** We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Vendor in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present bond being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Vendor shall have no claim against us for making such payment.

5. We _____ bank Ltd., further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the Vendor from time to time or to postpone for any time from time to time any of the powers exercisable by the Purchaser against the said Vendor and to forbear or enforce any of the terms and conditions relating to the said contract and we, _____ Bank Ltd., shall not be released from our liability under this guarantee by reason of any such variation or extension being granted to the said Vendor or for any forbearance and or omission on the part of the Purchaser or any other matter or thing whatsoever, which under the law relating to sureties would, but for this provision have the effect of so releasing us from our liability under this guarantee.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Vendor.

Date _____

Place _____

Signature

Witness _____

Printed Name

(Bank's common seal)

6.3 Appendix C – Bid Security /Earnest Money Deposit Form

BID SECURITY FORM

Whereas _____ (hereinafter called “the Bidder”) has submitted its bids dated _____ for “**Supply, Installation, Commissioning and Post warranty maintenance of IT Network Equipment**” in the Data Centres of Unique Identification Authority of India in Hebbal, Manesar and two upcoming DCs(hereinafter called “the Bid”).

KNOW ALL MEN by these presents that WE _____ of _____ having our registered office at _____ (hereinafter called “the Bank”) are bound unto the **CEO, Unique Identification Authority of India (UIDAI)** (hereinafter called “the UIDAI”) in the sum of _____ for which payment well and truly to be made to the said UIDAI, the Bank binds itself, its successors and assigns by these presents.

THE CONDITIONS of this obligation are:

1. If the Bidder, having its bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the UIDAI during the period of bid validity
 - a) Fails or refuses to execute the Contract Form, if required; or
 - b) Fails or refuses to furnish the Performance Security, in accordance with the instructions to Bidders;

We undertake to pay to the UIDAI up to the above amount upon receipt of its first written demand, without the UIDAI having to substantiate its demand, provided that in its demand the UIDAI 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 45 days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

Sealed with common seal of the said Bank this _____ day of _____
2017

(Authorized Signatory of the Bank)

6.4 Appendix D – Bidders Profile

BIDDER'S PROFILE

A. General Information:

- (i) Location of Corporate Head Quarters:
- (ii) Date and Country of Incorporation:
- (iii) Service Facilities location:
 - a. No. in India
 - b. Average value of inventory of spares per service location
- (iv) 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)
- (viii) Total number of similar installations:
 - a. World-wide (excluding India)
 - b. In India
- (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. R & D (if any)
 - c. Hardware Maintenance
 - d. Software

B. Similar Reference Sites

S No.	Customer Name and Address	Contact Person's Name, Designation, Phone/Fax No.	Name of Equipment Supplied/ date of supply	No. of Units Supplied

6.5 Appendix E – Undertaking from OEM

Statement of Undertaking From OEM

To

**The Deputy Director General (Technology),
Unique Identification Authority of India (UIDAI),
Tower II, 3rd Floor,
Jeevan Bharati Building,
Connaught Place,
New Delhi – 110001.**

Sir,

Sub : Statement of Undertaking from OEM

Ref : Tender/Bid No._____ covering “Supply, Installation, Commissioning and Post warranty maintenance of IT Network Equipment” in the Data Centres of Unique Identification Authority of India in Hebbal and Manesar.

We, the undersigned OEM, having read and examined in details all the bidding documents in respect of the above mentioned tender/bid No._____, in respect to “Products”/equipment offered / supplied by us and as a gesture towards our commitment for continued support for our product(s) / solution do hereby declare as under;

1. I/We confirm that we would support the installation, commissioning, testing and maintenance of “Products”/ Equipment offered/supplied to the Unique Identification Authority of India (herein referred to as “UIDAI”).

2. I/We hereby confirm that we would treat UIDAI as a preferred customer and that resolution of all problems and issues reported to us in fulfillment of the above mentioned Bid would be undertaken by us on priority basis.
3. I/We hereby confirm that the “Products”/Equipment being supplied to UIDAI will not be declared end of sale for a minimum of 24 months from the date of its acceptance by UIDAI and that we shall support the same for a minimum period of 7 years from the date of its acceptance by UIDAI. If the same is de-supported/ declared End of Sale by us for any reason whatsoever, we undertake to replace it with an equivalent or better substitute that is acceptable to UIDAI, without any additional cost to UIDAI and without impacting the performance of the solution in any manner.
4. We hereby agree to supply and/or install all new releases, versions, any type of update, upgrade patch and/or bug fixes for the software or firmware from time to time at no additional cost to UIDAI. Additionally, the documentation and training services associated with the “Products”/Equipment shall be provided free of cost to UIDAI.
5. We hereby confirm that our partner (<***Insert complete legal name of Bidder***>) possess the necessary capability and training required to support our product(s).
6. We agree to provision the required critical spares/components at the designated sites of UIDAI for meeting the required commitments.
7. In case of any change in our agreement or terms of agreement with our partner (<***Insert complete legal name of Bidder***>) for providing product support, we agree to maintain the level of support as desired by UIDAI and as committed by our partner under the above mentioned bid, without any financial liability to UIDAI.

8. We hereby agree to provide to UIDAI, required assistance, consultancy and services beyond the defined scope of work to resolve issues under critical and unforeseen situations.
9. We hereby confirm our commitment towards providing the necessary support and assistance in case of any problems / issues arising due to commissioning of our “Products”/equipment with any other component(s) / product(s) under the purview of the overall solution.

We hereby confirm that this undertaking is made in good faith and the aforesaid declarations are binding on us for the entire term of contract under the aforementioned Bid.

Thanking you,

Yours faithfully,

(Signature)

For and on behalf of: _____ (name of OEM)

Authorized Signatory

Name : _____
Designation: _____
Office Seal: _____
Place: _____
Date: _____

6.6 Appendix F – List of Locations

List of Locations where Goods/Services have to be Supplied, Installed and Commissioned

S No.	City	Address	Name of Contact Person
1	Hebbal	UIDAI Data Centre Complex CA site No.1, NTI Layout, Rajiv Gandhi Nagar, Tata Nagar Entrance, Kodigehalli, Bangalore-560092 (India)	ADG (Ops), UIDAI Tech Centre
2	Manesar	UIDAI Data Centre Complex Plot No-1, Sector M2, IMT, Manesar, Gurgaon, Haryana-122050 (India)	ADG (Ops), UIDAI Tech Centre
3	New Data Centre 1 at Hyderabad	To be informed	ADG (Ops), UIDAI Tech Centre
4	New Data Centre 2 at Pune	To be informed	ADG (Ops), UIDAI Tech Centre

6.7 Appendix G - Non-Disclosure Agreement

(To be provided on Non-judicial stamp paper of Rs.100/-)

WHEREAS, we the undersigned Bidder, _____, having our principal place of business/ registered office at _____, are desirous of bidding for Bid No..... covering **“Supply, Installation, Commissioning and Post warranty maintenance of IT Network Equipment”** (hereinafter called the said 'RFP') to the CEO, Unique Identification Authority of India, having its office at 3rd Floor, Tower II, Jeevan Bharati Building, Connaught Circus, New Delhi – 110001, hereinafter referred to as 'Purchaser' and, WHEREAS, the Bidder is aware and confirms that the Purchaser's business/ operations, information, Application/software, hardware, business data, architecture schematics, designs, storage media and other information / documents made available by the Purchaser in the RFP documents during the bidding process and thereafter, or otherwise (confidential information for short) is privileged and strictly confidential and/or proprietary to the Purchaser,

NOW THEREFORE,

in consideration of disclosure of confidential information, and in order to ensure the Purchaser's grant to the Bidder of specific access to Purchaser's confidential information, property, information systems, network, databases and other data, the Bidder agrees to all of the following conditions.

It is hereby agreed as under:

1. The confidential information to be disclosed by the Purchaser under this Declaration ("Confidential Information") shall include without limitation, any and all information in written, representational, electronic, verbal or other form relating directly or indirectly to

processes, methodologies, algorithms, risk matrices, thresholds, parameters, reports, deliverables, work products, specifications, architecture, project information, money laundering typologies, related computer programs, systems, trend analysis, risk plans, strategies and information communicated or obtained through meetings, documents, correspondence or inspection of tangible items, facilities or inspection at any site to which access is permitted by the Purchaser. We also hereby agree that this NDA will be binding on us through-out the contract period and will survive the contract period in case we are selected as a successful bidder.

2. Confidential Information does not include information which:

- a. the Bidder knew or had in its possession, prior to disclosure, without limitation on its confidentiality;
- b. information in the public domain as a matter of law;
- c. is obtained by the Bidder from a third party without any obligation of confidentiality;
- d. the Bidder is required to disclose by order of a competent court or regulatory authority;
- e. is released from confidentiality with the written consent of the Purchaser.

The Bidder shall have the burden of proving hereinabove are applicable to the information in the possession of the Bidder.

3. The Bidder agrees to hold in trust any Confidential Information received by the Bidder, as part of the Tendering process or otherwise, and the Bidder shall maintain strict confidentiality in respect of such Confidential Information, and in no event a degree of confidentiality less than the Bidder uses to protect its own confidential and proprietary information. The Bidder also agrees:

- a. to maintain and use the Confidential Information only for the purposes of bidding for this RFP and thereafter only as expressly permitted herein;
- b. to only make copies as specifically authorized by the prior written consent of the Purchaser and with the same confidential or proprietary notices as may be printed or displayed on the original;

- c. to restrict access and disclosure of Confidential Information to their employees, agents, and representatives strictly on a "need to know" basis, to maintain confidentiality of the Confidential Information disclosed to them in accordance with this clause; and
- d. to treat Confidential Information as confidential unless and until Purchaser expressly notifies the Bidder of release of its obligations in relation to the said Confidential Information.

4. Notwithstanding the foregoing, the Bidder acknowledges that the nature of activities to be performed as part of the Tendering process or thereafter may require the Bidder's personnel to be present on premises of the Purchaser or may require the Bidder's personnel to have access to software, hardware, computer networks, databases, documents and storage media of the Purchaser while on or off premises of the Purchaser. It is understood that it would be impractical for the Purchaser to monitor all information made available to the Bidder's personnel under such circumstances and to provide notice to the Bidder of the confidentiality of all such information.

Therefore, the Bidder shall disclose or allow access to the Confidential Information only to those personnel of the Bidder who need to know it for the proper performance of their duties in relation to this project, and then only to the extent reasonably necessary. The Bidder will take appropriate steps to ensure that all personnel to whom access to the Confidential Information is given are aware of the Bidder's confidentiality obligation. Further, the Bidder shall procure that all personnel of the Bidder are bound by confidentiality obligation in relation to all proprietary and Confidential Information received by them which is no less onerous than the confidentiality obligation under this agreement.

5. The Bidder shall establish and maintain appropriate security measures to provide for the safe custody of the Confidential Information and to prevent unauthorised access to it.

6. The Bidder agrees that upon termination/expiry of this Agreement or at any time during its currency, at the request of the Purchaser, the Bidder shall promptly deliver to the Purchaser the Confidential Information and copies thereof in its possession or under its direct or indirect control, and shall destroy all memoranda, notes and other writings prepared by the Bidder or its Affiliates or directors, officers, employees or advisors based on the Confidential Information and promptly certify such destruction.

7. Confidential Information shall at all times remain the sole and exclusive property of the Purchaser. Upon completion of the Tendering process and/or termination of the contract or at any time during its currency, at the request of the Purchaser, the Bidder shall promptly deliver to the Purchaser the Confidential Information and copies thereof in its possession or under its direct or indirect control, and shall destroy all memoranda, notes and other writings prepared by the Bidder or its Affiliates or directors, officers, employees or advisors based on the Confidential Information within a period of sixty days from the date of receipt of notice, or destroyed, if incapable of return. The destruction shall be witnessed and so recorded, in writing, by an authorized representative of the Purchaser. Without prejudice to the above the Bidder shall promptly certify to the Purchaser, due and complete destruction and return. Nothing contained herein shall in any manner impair rights of the Purchaser in respect of the Confidential Information.

8. In the event that the Bidder hereto becomes legally compelled to disclose any Confidential Information, the Bidder shall give sufficient notice and render best effort assistance to the Purchaser to enable the Purchaser to prevent or minimize to the extent possible, such disclosure. Bidder shall not disclose to a third party any Confidential Information or the contents of this RFP without the prior written consent of the Purchaser. The obligations of this Clause shall be satisfied by handling Confidential Information with the same degree of care, which the Bidder applies to its own similar Confidential Information but in no event less than reasonable care.

For and on behalf of:

(BIDDER)

Authorised Signatory Office Seal:

Name: Place:

Designation:

Date :

6.8 Appendix H – Specifications of Required Hardware and Compliance Check

Fact sheet to be submitted for each proposed equipment/ product. Also clearly map the required requirement of equipment in the fact sheet.

6.8.1 Load Balancer

The OEM of the proposed equipment must be in the Leaders/Challengers Quadrant of Gartner Magic Quadrant for Application Delivery Controller in each of the last two reports (latest).

Proposed Make and Model	OEM Name	Gartner Report Name and Date	OEM position in Gartner Quadrant

S. No.	Minimum Specifications Required		Specification Offered	Compliance to minimum requirement as shown in column 2 and 3 (Y/N)
1	2	3	4	5
1	Make			
2	Model			
3	Architecture	IPV4 and IPV6 support from day 1		

4	Support for NAT64 and DNS64		
5	Global Load Balancing across multiple sites		
6	Should be a multi-processor based appliance		
7	Traffic Throughput - 10 Gbps (L4)		
8	Network Connectivity support - 4 x 10/100/1000 , 4 * 10Gbps		
9	Memory on the device – 16 GB		
10	L4 concurrent connections - 1 Million		
11	L4 connections per second – 100000		
12	L7 concurrent connections – 250000		
13	Should support L7 connections per second – 35000		
14	Should support minimum L7 throughput - 5 Gbps		
15	Should support SSL and TLS1.2 offloading.		
16	Should support hardware acceleration, both SSL and TLS1.2, from day one in same unit without adding another hardware to save rack space,		

	power & cooling requirements		
17	SSL Throughput- 5 Gbps		
18	Hardware/software Compression Support - 3 Gbps. Device should meet all other throughput specifications with maximum Software compression throughput		
19	NAT entries - 60000		
20	Concurrent SSL connections - 1,00,000+		
21	Virtual Local area Network (Vlans) – 512		
22	Virtual services - 3000		
23	Server farms - 2500		
24	Real servers – 8000		
25	Support for sticky table entries - 100000		
26	Should support Port Aggregation IEEE 802.3ad		
27	Should support Vlan Trunk IEEE 802.1Q		
28	Should support Port Mirroring		
29	Should support following deployments		
30	Routing Mode : where client-side and server-side VLANs are on different subnets		

31		Bridge Mode : where client-side and server-side VLANs are on the same subnets.		
32		Direct Server Response : where SLB load balance an initial request from the client to a real server; however, the server directly responds to the client bypassing the SLB.		
33	Load Balancing Features	Server load balancing based on SNMP parameter like CPU load, Memory utilization etc		
34		Should support Client NAT & Server NAT and PAT and NAT pool for Dynamic NAT		
35		In case of Server / Application failure device should detect it in not more than 30 seconds		
36		In case of Server failure traffic should be diverted to another Server automatically		
37		Support for protocols namely HTTP, FTP, DNS, Internet Control Message Protocol (ICMP), Session Initiation Protocol (SIP), Real-Time Streaming Protocol (RTSP), Extended RTSP, RADIUS, and Microsoft Remote Desktop Protocol (RDP).		

38		HTTP Header based redirection		
39		Should Support HTTP Header manipulation on Client requests and server responses		
40		URL-Based Redirection		
41		Browser Type Based Redirection		
42		Preferential Treatment (Cookie-Based)		
43		Should support End-to-End SSL Encryption (Backend Encryption)		
44		Should support SSL initiation (SSL between SLB & Servers)		
45		Load Balancing algorithm should support following algorithm namely Least loaded, Round-robin, Adaptive response, Least bandwidth, Least connections		
46		Probe Support should be available for the protocols HTTP, HTTPS, SMTP, POP3, IMAP, RADIUS, SIP, RTSP, SNMP, Telnet, FTP, ICMP, TCP, UDP, Echo, DNS		
47		Support for scripted probes		
48	Server Management Features	Should support Graceful shutdown of Services		

49		Should support Graceful Activation of Services		
50		Should able to redirect traffic based on Source IP, Destination IP & TCP PORT		
51	Virtualization	The Load Balancer should support virtualization or segmentation where it should be possible to create virtual partitions from day one. Each of this Partition should be completely isolated from each other wrt dedicated access control and resource allocation		
52		Should keep configuration files separately for each virtual partition or segment		
53	Health Monitoring	Should provide individual health checks for real servers & farms		
54		Should allow to monitor protocol like HTTP, SMTP, POP, FTP etc		
55		Should allow to configure Customize health probes based on TCP & UDP parameters		
56		Should provide GUI to configure Health Monitoring		

57		Should provide flexible Script based support for complex environments & advance health monitoring		
58	Redundancy	System and Session redundancy-failover should happen automatically, with no human intervention, Should Provide stateful failover capabilities		
59		Should support Redundancy protocol like VRRP or equivalent		
60		Should support transparent failover between 2 devices		
61		Should support transparent failover between 2 Virtual Instances configured on 2 different units		
62		Should Supports active-standby and active-active redundancy topologies with automatic configuration synchronization		
63		The failover should be transparent to other networking devices		
64	Security	Support for Access list-1000+		
65		Should support HTTP (HTTP header, URL, and payload)		

66		Should support bidirectional Network Address Translation (NAT) and Port Address Translation (PAT)		
67		Should support TCP Normalization & TCP connection state tracking		
68		Should support ICMP flood control/protection		
69		Should support Virtual connection state for UDP		
70		Should support Sequence number randomization		
71		Should support TCP header validation		
72		Should support TCP window size checking		
73	Application Acceleration	Should Support SSL and TLS1.2 Offloading & Acceleration on same hardware to reduce number of equipment in Data center & save power / cooling requirement		
74		SSL certificates support with key management		
75		Should use dedicated Hardware Card / Module for compression & not software based compression		

76		Should support dynamic caching technologies		
77		Should store cached content in RAM for faster content delivery		
78		Should support transparent TCP Multiplexing (TCP Offloading)		
79	Management	Role Based administration support namely Admin, Security-admin, Network-Engineer, Network Monitor, Network Manager		
80		Should support following Management and diagnostics ports / Applications		
81		SSH		
82		HTTPS		
83		RS232 -Console Port		
85		SNMP		
86		Should support GUI for configuration & monitoring		
87		Should support access control per virtual unit so each virtual unit can be managed by different group without able to see config in other virtual unit		
88	Power Specification	Indian power specifications in terms of Phase, Voltage and Frequency		

89	Operating temperature range	20-24 °C		
90	Operating Relative Humidity range (non-condensing)	40-60 %		

6.8.2 HSM

Sr. No	Minimum Specifications Required	Specification Offered	Compliance to minimum requirement as shown in column 2 (Y/N)
1	2	3	4
	Make		
	Model		
1	Should support Windows 2008,2008R2,2012,2012R2,Linux,VMWARE		
2	TCP/IP Network based appliance		
3	Should comply to standards like FIPS 140-2 Level-3, ROHS		
4	Key Length Supported (1024 to 2048)		
5	Public Key Algorithm RSA encrypt/decrypt, RSA sign/verify, ECC (Electric Curve cryptography)		
6	Keys are always in Hardware and never stored in Software in any form		
7	Hash/HMAC algorithm: SHA1 and SHA 2 Family		
8	Symmetric Algorithm : AES, DES, TripleDES		
9	Compatibility: PKCS#11 , CAPI, OpenSSL, JCE/JCA		

10	Minimum 15 unique partitions with each partition supporting minimum 50 keys of 2048 length		
11	Support Private key generation, import and key transportation from one HSM appliance to another HSM		
12	Support for various cryptographic algorithms: Asymmetric Key with Diffie-Hellman RSA (1024-4096 bit) and (PKCS#1 v1.5, OAEP PKCS#1 v2.0		
13	Digital Signing via RSA (1024-4096-bit), DSA (512-1024-bit),		
14	EC Brainpool Curves (named and user-defined), Suite B Algorithm Support and ARIA support		
15	Published API for various above functionalities for integrating with the Application software		
16	Should support minimum 7500 transactions per second with RSA 2048 bits		
17	Remote Authentication Support for HSM management		
19	Onboard key generation, Digital Signing & Verification process to be done inside the HSM only for better performance and security		
20	Complete hardware based storage of key material for entire Life cycle		

21	Additional / specific software's if any, required to support multiple HSM appliances to be provided		
22	HSM Appliance should have dual power supplies		
23	Should support SNMP v2c, v3		
24	Should support both IPv4 and IP v6		
25	Power Specification - Indian power specifications in terms of Phase, Voltage, Freq		

6.8.3 IPS

The OEM of the proposed equipment must be in the Leaders/Challengers Quadrant of Gartner Magic Quadrant for Intrusion Prevention Systems in each of the last two reports (latest).

Proposed Make and Model	OEM Name	Gartner Report Name and Date	OEM position in Gartner Quadrant

S. No.	Minimum Specifications Required		Specification Offered	Compliance to minimum requirement as shown in column 2 and 3 (Y/N)
1	2	3	4	5
1	Make			
2	Model			
3	Throughput	10 Gbps or higher		
4	No. of 10G Ports	8 Nos Fail close ports		
5	Rack Mountable	Standalone independent IPS Appliance		
6	No. of segments protected	4 No. of segments		
7	Actions	Notification actions		
8	Alarms	Support for Detailed Intrusion Alarms		
9	Attacks	Comprehensive Attack Database		
10		Detect and prevent more than 5000 known attacks		
11		Support detection of:		
12		TCP hijacking		
13		DoS		
14		DDoS		
15		SYN Floods		

16	Event Correlation	Advanced Event Correlation		
17	High Availability	Active-Active/Active-Passive		
18	Integration with third party tools	Integration with paging solution/ trouble ticket systems or other event management solutions Or provide API for integration		
19	Management	Support for Centralised Management		
20		Secure web-based embedded device management / GUI management		
21	Protocols to be monitored	Extensive Protocol Monitoring		
22		TCP/IP		
23		ICMP		
24		FTP		
25		UDP		
26		SMTP		
27		HTTP		
28		DNS		
29		RPC		
30		NetBIOS		
31		NNTP		
32		SSL		
33		Telnet		

34	Real time Intrusion Protection	Support for Accurate Real-time Intrusion Detection and Prevention		
35	Real time Response	Support for Real-time Response to Unauthorized Activity		
36	Signatures	Custom User-defined Signatures		
37		Automatic Signature Updates		
38	VLAN	Ability to Monitor 802.1q (trunked) traffic		
39	Other	Support for Pervasive Network-based		
40		Secure Communications		
41		Comprehensive IDS Anti-Evasion Techniques (Techniques to handle IPS bypass methods like encryption & tunneling, traffic segmentation, etc.)		
42		Intelligent threat investigation.		
43		Flexible Deployment option		
44		Deep packet analysis		
45	Power Supply	Hot Swappable Power supply proposed		

46		(N+1) redundant power supply proposed		
47	Support industry leading management frameworks like openview, tivoli, etc			
48	Support integration with RSA SA Event correlation engine			
49	Performance	concurrent connections - 1500000		
50	Power Specification	Indian power specifications in terms of Phase, Voltage and Frequency		
51	Operating temperature range	20-24 °C		
52	Operating Relative Humidity range (non-condensing)	40-60 %		

6.8.4 Firewall

The OEM of the proposed equipment must be in the Leaders/Challengers Quadrant of Gartner Magic Quadrant for Enterprise Firewall in each of the last two reports (latest).

Proposed Make and Model	OEM Name	Gartner Report Name and Date	OEM position in Gartner Quadrant

SL No	Minimum Specifications Required		Specification Offered	Compliance to minimum requirement as shown in column 2 and 3 (Y/N)
1	2	3	4	5
1	Make			
2	Model			
3	Architecture	The appliance has multiprocessing system Architecture for high performance		
4		System should support Firewall, Application visibility, User awareness, anti malware with zero day attack prevention,		

		IPSec, VPN, Unlimited users/nodes except VPN		
5	High Availability Features	Capability to detect hardware failure during powerup and before going online		
6		Stateful failover to prevent session losses to minimal.		
7		Software reconfiguration/ configuration changes are immediate effect		
8		Support active/active and active/standby failover		
9		Should support VPN Clustering and Load balancing/sharing		
10		Support in-built environmental monitoring capabilities.		
11	Other	Concurrent Sessions - minimum of 1000000 and at least 150000 sessions per second		
12		System Throughput - at least 10 Gbps with all functionality mentioned in point 4		

13		Memory at least DRAM - 16 GB or higher at least Flash/SSD Memory 16GB- or higher or any other storage if required		
14		Ports - 4 Nos of 1 Gbps ports, 8 Nos of 10 Gbps Ports, 2 Nos of 40 G ports		
15	Application and protocol inspection	Should integrate with specialized inspection engines for protocols such as: (but not limited)		
16		Advanced Web Browsing (HTTP/(s))		
17		File Transfers (FTP/(s))		
18		Electronic mail (SMTP)/eSMTP		
19		Domain Name System (DNS)		
20		Simple Network Management Protocol (SNMP)		
21		Database (SQL*Net)		
22		Network File System (NFS)		
23		Internet Locator Service (ILS)		
24		Network Information services (NIS+)		
25		Stateful ICMP inspection		
26		IPv6 transparent		

27		Timebound, Out bound ACLs		
28		Inspection engine should support an interface, network or host		
29		Tunneled applications (peer-to-peer file sharing or instant messaging)		
	Support VPN	Supports:		
30		IKE		
31		IPSec VPN standards		
32		PPTP		
33		168-bit 3DES		
34		OSPF routing and QOS over VPN		
35		Diffie Hellman Group 7		
36		x.509		
37		Up to 256-bit AES data encryption		
38	Authentication,	Integrates with popular AAA services via		
39	Authorization	RADIUS		
40	and	TACACS or TACACS+		
41	Accounting	Accounting for management traffic		
42	(AAA) support	Native Active Directory user authentication(VPN only)		
43		Native SecureID authentication (VPN only)		
	Other	Support for:		

44		Port redirection and TCP intercept		
45		Rack Mountable		
46		ActiveX blocking		
47		URL Filtering		
48		Support against all network and application level attacks ranging from malformed packet attacks to DoS attacks		
49		Support for ability to customize protocol port numbers		
50		Support minimum 2048 bit RSA and Diffie-Hellman, SHA-2		
51		Support for IPv4 and IPv6 simultaneously from day 1		
52	DHCP relay	Forwards DHCP requests from internal devices to an administrator-specified DHCP server, enabling centralized distribution, tracking, and maintenance of IP addresses		
53		Rich dynamic NAT and PAT services		
54		Static NAT and PAT services		

55		Policy-based NAT and PAT services		
56	X.509 certificate and CRL support	Supports Simple Certificate Enrollment Protocol (SCEP)-based enrollment with leading X.509 solutions from Baltimore, Entrust, Microsoft, and VeriSign		
57	Management	GUI based management to support for remote monitoring		
58		Accessible through variety of methods including : Console Port,SSH		
59		Dedicated Out-of-Management interface		
60		Support SNMPv1, v2c, v3		
61		Support for security event logging		
62		Support real time alerting and notification features and syslog		
63		Should have the ability to create customizable administrative roles/profiles (monitoring only, read-only access to configuration, VPN administrator,		

		firewall/NAT administrator, etc.)		
64	End point verification	Support for end point authorization based on multiple variables of each VPN connection associated with specific tunnel or session		
65	Software features	support for RIPv2, OSPFv2, OSPFv3, VLAN, LAN Based failover, DHCP. Support, Static &Dynamic NAT/PAT. Support FTP, etc. Bidirectional NAT, NAT transparency, Split tunneling VPN		
66	Software	Latest release with all supported features as required		
67	Broadcast Application	Support for Microsoft Networking client server communication		
68		Support for Oracle SQL and ERP applications		
69	Client VPN	support and not limited to Internal websites/web enabled applications,		

70		Email-POP3S,IMAP4S,SMTPS.		
71		Support also telnet, RDP, VNC. MAPI and Application Access support		
72	Mounting	Standard 19-in rack with required hardware		
73	Compatibility with proposed network devices			
74	Compatibility with proposed security devices			
75	Power Supply	Hot Swappable Power supply proposed		
76		(N+1) redundant power supply proposed		
77		Dual AC input proposed		
78		Cooling Fans		
79		Hot Swappable Cooling Fans		
80		(N+1) redundant Cooling Fans proposed		
81	Power Specification	Indian power specifications in terms of Phase, Voltage and Frequency		

82	Operating temperature range	20-24 °C		
83	Operating Relative Humidity range (non-condensing)	40-60 %		

6.8.5 Access Switch

The OEM of the proposed equipment must be in the Leaders/Challengers Quadrant of Gartner Magic Quadrant for Data Centre Networking in each of the last two reports (latest).

Proposed Make and Model	OEM Name	Gartner Report Name and Date	OEM position in Gartner Quadrant

S No	Minimum Specifications Required		Specification Offered	Compliance to minimum requirement as shown in column 2 and 3 (Y/N)
1	2	3	4	5
1	Make			
2	Model			

3	Architecture	Enterprise class rack mountable switch.		
4		Switch fabric capacity- Minimum 1.3Tbps		
5		Switch forwarding rates - Minimum 1bpps		
6		10G/Gigabit Ethernet port 10G/Gigabit Ethernet port - 48 SFP+ ports -10g, 6 QSFP ports – 40G. All ports should be loaded with respective MMF modules. Switch should be either standalone or clustered (note more than 3 switches, without impacting the overall performance/throughput, availability and ports)		
7		Support consolidating IP into single media		
8		Non-blocking switch architecture		
9		Switch should be Software Defined Networking Ready with Open flow/open stack protocol 1.3 support		
10		Switch should be IPv6 Certified/IPv6 logo ready		
11	Connectivity	802.3ad based standard port/link aggregation, Jumbo frames, storm control		

12	Switching features	Support but not limited to - L2 Fiber/Copper ports ISL trunks/ equivalent (with same functionality)		
13		Support at least 1K VLAN and 36000 MAC Address		
14		Datacenter bridging exchange, ieee 802.1Qbb and ieee802.1Qaz		
15		Switch support auto device discovery and storm control		
16		DNS,TFTP and NTP protocol		
17	Security	802.1X Network Security and Radius/TACACS ,AAA authentication		
18		MAC Address filtering based on source and destination address		
19		support for minimum 4 K IPv4 and Ipv6 ACLs like port based/time based, vlan based and Standard/Extended ACLs L2- L4		
20	Network Protocols	DNS,DHCP,TFTP, NTPv3/v4, BOOTP relay,layer3 ,routing protocols like RIP,OSPFv2, OSPFv3 ,BGPv4/ISI-IS for IPV4 and Ipv6		
21	Quality Of Service	port-based COS assignment and COS trust		

22		Minimum 8 number of hardware queues per port		
23		Policy based traffic classification based on Layer 2 to Layer 4		
24		Support policy based routing and virtual routing and forwarding.		
25	Multicast	IGMP v1,v2,v3, IGMP snooping		
26		Support 8k IPv4 and IPv6 multicast routes		
27	Other features supported	standards such as ieee802.3,802.3ab, ieee802.3ae, ieee802.1D,ieee802.1w,ieee802.1s, ieee802.1p, ieee802.1Q, 802.1x,802.3ad,802.1X,ieee802.3x		
28	Management	SNMP v1, v2c, v3, RMON/RMON-II enabled, SSH, telnet,GUI, Web management		
29		IGMP Snooping for IPv4 and IPv6, MLD v1 and v2 Snooping		
30		Switch should support port mirroring feature for monitoring network traffic of		

		a particular port/VLAN/group of ports.		
31		Built-in real-time performance monitoring capabilities		
32	Software	Latest release with all supported required features as needed		
33	Compatible with proposed network devices			
34	Compatible with proposed servers			
35	Power Supply	Hot Swappable Power supply proposed		
36		(N+1) redundant power supply proposed		
37		Dual AC input proposed		
38	Cooling Fans	Hot Swappable Cooling Fans proposed		
39		(N+1) redundant Cooling Fans proposed		
40	Power Specification	Indian power specifications in terms of Phase, Voltage and Frequency		
41	Operating temperature range	20-24 °C		
42	Operating Relative Humidity range (non-condensing)	40-60 %		

6.8.6 Access Management Switch

The OEM of the proposed equipment must be in the Leaders/Challengers Quadrant of Gartner Magic Quadrant for Data Centre Networking in each of the last two reports (latest).

Proposed Make and Model	OEM Name	Gartner Report Name and Date	OEM position in Gartner Quadrant

Sl No	Minimum Specifications Required		Specification Offered	Compliance to minimum requirement as shown in column 2 and 3 (Y/N)
1	2	3	4	5
1	Make			
2	Model			
3	Architecture	Enterprise class rack mountable switch.		
4		Switch fabric capacity- 125 Gbps		
5		Switch forwarding rates - 100 mpps		
6		10G/Gigabit Ethernet port - 48 nos of 10/100/1000 Base-T ports and 2 Nos of 10G SFP+ ports loaded with MMF modules. Switch should be either standalone or clustered (note more than 3 switches, without		

		impacting the overall performance/throughput, availability and ports)		
7		Support consolidating IP and traditional Ethernet protocols into single media		
8		Non-blocking switch architecture		
9		Switch should be Software Defined Networking Ready with Open flow/open stack protocol 1.3 support		
10		Switch should be IPv6 Certified/IPv6 logo ready		
11	Connectivity	802.3ad based standard port/link aggregation, Jumbo frames, storm control		
12	Switching features	Support but not limited to - L2 Fiber/Copper ports ISL trunks/ equivalent (with same functionality)		
13		Support at least 1K VLAN and 12K MAC Address		
14		Switch support auto device discovery and storm control		
15		DNS,TFTP and NTPv3/v4 protocol		
16	Security	802.1X Network Security and Radius/TACACS ,AAA authentication		

17		MAC Address filtering based on source and destination address		
18		support for minimum 1K IPv4 and Ipv6 ACLs like port based/time based, vlan based and Standard/Extended ACLs L2- L4		
19	Network Protocols	DNS,DHCP,TFTP, NTPv3/v4		
20	Quality Of Service	port-based COS assignment and COS trust		
21		Support committed information rate, rate limiting and flow based rate limiting		
22		Minimum 8 number of hardware queues per port		
23	Multicast	IGMP v1,v2,v3, IGMP snooping		
24		Support 1k IPv4 and IPv6 multicast routes		
25	Other features supported	standards such as ieee802.3,802.3ab, ieee802.3ae, ieee802.1D,ieee802.1w,ieee802.1s, ieee802.1p, ieee802.1Q, 802.1x,802.3ad,802.1X,ieee802.3x		
26	Management	SNMP v1, v2c, v3, RMON/RMON-II enabled, SSH,telnet,GUI, Web management		
27		IGMP Snooping for IPv4 and IPv6, MLD v1 and v2 Snooping		

28		Switch should support port mirroring feature for monitoring network traffic of a particular port/VLAN/group of ports.		
29		Built-in real-time performance monitoring capabilities		
30	Software	Latest release with all supported required features as needed		
31	Compatible with proposed network devices			
32	Compatible with proposed servers			
33	Power Supply	Hot Swappable Power supply proposed		
34		(N+1) redundant power supply proposed		
35		Dual AC input proposed		
36	Cooling Fans	Hot Swappable Cooling Fans proposed		
37		(N+1) redundant Cooling Fans proposed		
38	Power Specification	Indian power specifications in terms of Phase, Voltage and Frequency		
39	Operating temperature range	20-24 °C		
40	Operating Relative Humidity range (non-condensing)	40-60 %		

6.8.7 Router

The OEM of the proposed equipment must be in the Leaders/Challengers Quadrant of Gartner Magic Quadrant for Data Centre Networking in each of the last two reports (latest).

Proposed Make and Model	OEM Name	Gartner Report Name and Date	OEM position in Gartner Quadrant

Sl No	Minimum Specifications Required		Specification Offered	Compliance to minimum requirement as shown in column 2 and 3 (Y/N)
1	2	3	4	5
1	Make			
2	Model			
3	Architecture	Chassis based router at least four slots free with multicore processor for expansion		
4		Redundant route processor and statefull failover support without performance degradation and failover less than 50 ms		
5		Router support in-service software upgrades and downgrades, should be performed without traffic loss.		
6		Online insertion and removal of line cards without affecting other line card traffic		

7		Switch should be IPv6 Certified/IPv6 logo ready		
8	Fast Convergence/High Availability Features	Router Redundancy protocol such as VRRP, BFD (Bidirectional Forwarding Detection) or equivalent protocol.		
9		Support for instant event notification for interface up/down.		
10		Non-stop forwarding for protocols like -OSPF, IS-IS,BGP, Interface dampening capability		
11		Support fast computation and recomputation of SPF while providing instability issues with link state routing protocols such as OSPF, IS-IS and support incremental SPF or equivalent feature for fast convergence		
12		Router support graceful restart, network operating system for high uptime		
13	System Performance	minimum performance of 175 Mpps and 200 Gbps of bandwidth		
14	Memory	DRAM – 8GB or Higher Flash Memory -8GB or higher or any other storage from day 1		
15	Ports	8 nos of 1GE Base-T ports, 8 Nos of 10GE SPF+ Ports		
16	Interface types	Interfaces compatibility but not limited to- E1/T1, G.703, Fast Ethernet, Gig Ethernet		

		(Copper+Fiber), 10Gig Ethernet, E3/T3, etc		
17	L2 protocols	Router shall support Frame Relay, PPP, HDLC and Ethernet encapsulation, MLPPP		
18		PAP and CHAP authentication		
19	Security Features	SSL/IPSec capability		
20		Support Access Control List to filter traffic based on Source and destination IP subnet, Source and Destination port, Protocol type (IP, UDP,TCP,ICMP etc) and port range, Timebased ACLs and QOS Policy support.		
21		Support for ACL Logging, NAT and PAT		
22		AAA through RADIUS or TACACS. (or TACACS+)		
23		Integrated Firewall support for protocols (HTTP,FTP, Telnet, TFTP and SMTP) and Unicast RPF.		
24		MD5 authentication for routing protocols -RIP2, OSPF, IS-IS, BGP, MPLS		
25	Routing and routing features	Support IPv4 - static route, Default route, RIPv2, OSPFv2, OSPFv3, IS-IS, BGP4, MBGP protocol with advanced features and necessary licenses if any to enable routing protocols as needed.		

26		Support route redistribution and route filtering, support MPLS features- LDP, L2VPN, traffic engineering with RSVP-TE, Fast reroute Link Node and path protection and Policy Based Routing (PBR), Support MPLS (LDP,L2VPN)and traffic engineering with RSVP-TE, Fast Reroute Link Node, etc,		
27	Network Protocols	DNS,DHCP,TFTP, NTP, GRE tunneling, IP Services, etc		
28	Quality Of Service	Integrated support Hierarchical QOS policy. Support for congestion avoidance through WRED		
29		Includes traffic policing, traffic shaping and mark traffic using IP Precedence, DSCP and MPLS EXP. router support at least 30000 hardware queues for deployment of per-user, per-application, per-port QOS.		
30		Support for traffic classification using various parameters like source physical interface, Source, destination IP, subnet, protocol types, source, destination ports, 802.1p and some well known application types		

31	Multicast	IPv4 and IPv6 Multicasting, IGMP v1,v2,v3, IGMP snooping, PIM/SM/SSM for ipv4 and ipv6		
32	Other features	Router support all applications like voice, video and data over a converged Infrastructure, support L3VPN, DMVPN, etc, Flexible Packet matching, NBAR/Equivalent		
33		Support for IP SLA to assure business-critical IP applications and Y.1731 for performance monitoring		
34	Network Management	Router is manageable through local console, Aux Port, Telnet, SSH and web. Support online reconfiguration and configuration role back feature		
35		SNMPv1,v2, v3,RMON enabled		
36		Multilevel role based ACLs, Controlled SNMP access through SNMP ACLs		
37	Software	Latest release with all supported features as required		
38	Mounting	Standard 19-in rack with required hardware		
39	Compatibility with proposed network devices			
40	Route scale	8K IPv4 and IPv6 unicast routes		
41	Power Supply	Hot Swappable Power supply proposed		
42		(N+1) redundant power supply proposed		

43		Dual AC input proposed		
44	Cooling Fans	Hot Swappable Cooling Fans proposed		
45		(N+1) redundant Cooling Fans proposed		
46	Thermal Management and Energy Management			
47	Power Specification	Indian power specifications in terms of Phase, Voltage and Frequency		
48	Operating temperature range	20-24 °C		
49	Operating Relative Humidity range (non-condensing)	40-60 %		

6.9 Appendix I - Reverse Auction Process

6.9.1 Appendix I-1 – Compliance Statement

(To be submitted by all the vendors participating in Reverse Auction)

To,

DECLARATION

We _____ (name of the company) hereby confirm having submitted our bid for participating in UIDAI's RFP dated _____ for _____.

We also confirm having read the terms of RFP as well as the rules relating to the Reverse Auction for this RFP process.

We hereby undertake and agree to abide by all the terms and conditions stipulated by UIDAI in the RFP document including all annexures and the rules for Reverse Auction.

We shall participate in the on-line auction conducted through CPPP and submit our revised commercial bid. We shall also abide by the procedures prescribed for online auction.

We, hereby confirm that we will honor the Bids placed by us during the auction process, failing which, we shall forfeit the EMD/Bid Securing Declaration will be executed.

We confirm having nominated Mr. _____, designated as _____ of our company to participate in the Reverse Auction on behalf of the company. We undertake that the company shall be bound by the bids made by him in Reverse Auction.

We undertake to submit the confirmation of last bid price by us to the CPPP/UIDAI within 48 working hours of the completion of event. We also undertake to submit the revised prices BoQ mentioned in RFP.

Signature with company seal

Name –

Company / Organization –

Designation within Company / Organization –

Address of Company / Organization –

Date:

Name of Authorised Representative: _____

Signature of Authorised Representative: _____

Verified above signature

Competent Authority Signature: _____

Date: _____

6.9.2 Appendix I-2 – Letter of Participation

Letter of Authority for participation in Reverse Auction

To,

We _____ (name of the company) have submitted our bid for participating in UIDAI RFP dated _____ for _____.

We also confirm having read and understood the terms of RFP as well as the Rules relating to the Reverse Auction for this RFP process.

As per the terms of RFP and Business rules, we nominate Mr. _____, designated as _____ of our company to participate in the Reverse Auction.

Both UIDAI and the CPPP shall contact the above named official for any and all matters relating to the Reverse Auction.

We, hereby confirm that we will honour the Bids placed by Mr. _____ on behalf of the company in the auction process, failing which, we will forfeit the EMD/Bid Securing Declaration will be executed.

Signature with company seal

Name –

Company / Organization –

Designation within Company / Organization –

Address of Company / Organization –

Date :

Name of Authorized Representative: _____

Designation of Authorized Representative: _____

Signature of Authorized Representative: _____

Verified by : _____

Signature of Verifying Authority: _____

Date: _____

6.10 Appendix J - Bid Securing Declaration Form

Bid Securing Declaration Form

Date:

Bid No.:

To

**The Deputy Director General (Technology),
Unique Identification Authority of India (UIDAI),
Tower II, 3rd Floor,
Jeevan Bharati Building,
Connaught Place,
New Delhi – 110001.**

We, the undersigned, declare that:

We ,M/S.....(herein referred as vendor) understand that, according to bid clause No. 2.3, bids may be supported with a BidSecuring Declaration, therefore rather than submitting the **Bid Security /Earnest Money Deposit Form as attached at clause 6.3(appendix 'C') of the RFP**, Vendor render the declaration that:-

Vendor will automatically be suspended from being eligible for bidding in any contract with the Unique Identification Authority of India (herein referred as Purchaser) for the period of *3 years*, starting on bid submission closing date, if Vendor are in breach of any of the following obligation(s) under the bid conditions:-

- (a) have withdrawn or modified our Bid during the period of bid validity specified in the RFP; or
- (b) having been notified of the acceptance of Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the terms of the RFP

Vendor understand that this declaration shall expire if Vendor are not the successful Bidder and on receipt of purchaser's notification of the award to another Bidder; or thirty days after the validity of the Bid; whichever is earlier.

(Signature)

Authorized Signatory

Name : _____

Designation: _____

Office Seal: _____

Place: _____

Date: _____