



सेमी-कंडक्टर लेबोरेटरी/Semi-Conductor Laboratory
अंतरिक्ष विभाग, भारत सरकार/Government of India, Department of Space
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निविदा सूचना संख्या. एससीएल/पीटी/54

TENDER NOTICE No. SCL/PT/54

दिनांक/ Dated: 17.03.2017

निदेशक, सेमी- कंडक्टर लेबोरेटरी (एससीएल), एवं उनकी ओर से के प्रमुख क्रय एवं भण्डार, निम्न के लिए दो भागों में ऑन लाइन निविदाएं आमंत्रित करते हैं।

For and on behalf of The Director - Semi-Conductor Laboratory (SCL) , Head-Purchase & Stores, invites Online Two part Tenders for the following:

क्रमसंख्या Sr. No.	निविदा संख्या Tender Number	विवरण Description	संख्या/ Quantity
1	एससीएल/ पी.स 3/ 2017E00586 SCL/PS3/ 2017E00586	निविदा दस्तावेज में दी गई विस्तृत जानकारी के अनुसार एससीएल में मेल मेसेजिंग साल्यूशन की आपूर्ति, इन्स्टालेशन एवं कार्यान्वयन Supply, Installation and Implementation of Mail Messaging Solution at SCL, as per details given in Tender Document.	01 No.

निविदा फार्म डाउनलोड करने की तिथि एवं समय Date & Time for download of Tender Form	शुरू / Starts : 17.03.2017 से/ from 17.01 बजे/hrs (IST) समाप्त /Ends: 17.04.2017 तक/ at 11.00 बजे/hrs (IST)
क्वेरी शीट सहित पूर्व निविदा सम्मेलन में स्वेच्छा प्रस्तुत करने की तिथि एवं समय Date & Time of submission of willingness to attend Pre bid Conference along with Query Sheet:	24.03.2016 तक/ at 11:00 बजे/hrs (IST) onward
पूर्व निविदा सम्मेलन की तिथि एवं समय Date & Time of Pre-bid Conference:	29.03.2016 तक/ at 11:00 बजे/hrs (IST)
ऑन लाइन निविदा को दो भागों में प्रस्तुत करने की तिथि एवं समय Date & Time of Submission of Online Tenders in TWO Parts:	शुरू/ Starts:17.03.2017 से/ from 17.02 बजे/hrs (IST) समाप्त/Ends: 17.04.2017 तक/at 11.30 बजे/hrs (IST)
ऑन लाइन निविदाएं खोलने की तिथि एवं समय (धरोहर राशि एवं तकनीकी भाग) Date & Time of Opening of Online Tenders (Technical part):	20.04.2017 से/ from 11.01 बजे/hrs (IST) 21.04.2017 को/at 17:00 बजे/ hrs (IST)

नोट/Note:

- निविदा दस्तावेज को e-tender portal <https://eprocure.isro.gov.in> से देख सकते हैं और एससीएल की वेबसाइट www.scl.gov.in / इसरो की वेबसाइट www.isro.org /सीपीपी पोर्टल (<http://eprocure.gov.in>) से डाउनलोड कर सकते हैं

Tender Documents can be accessed at e-tender portal <https://eprocure.isro.gov.in> and can be downloaded from SCL website (www.scl.gov.in) /ISRO website (www.isro.gov.in)/ CPP Portal (<http://eprocure.gov.in>).

प्रमुख, क्रय एवं भंडार प्रभाग/Head, Purchase & Stores Division

Tender Details

Tender No: SCL/PS3/2017E0058601

Tender Date: 03/03/2017

Purchase Entity: Pur_Entity3

Tender Notice

[SCL] invites ONLINE offers in TWO part system through e-tender portal <https://eprocure.isro.gov.in> for Supply, Installation and Implementation of mail Massaging Solution at SCL Tender Documents can be downloaded from March 17, 2017 - 1701 hrs. to April 17, 2017 upto 11.00 hrs. The vendors need to get enrolled in the e-tender portal to access tender and submit their offer online. Vendors need to have Digital Signature Certificate as detailed on our e-portal and corporate e-mail ID to register on the above portal. Only online tenders will be accepted. No Manual/Postal/courier/ e-mail/fax tender will be entertained. Please note Tender fee shall not be applicable for tenders submitted on-line through this portal. Vendors interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal <https://eprocure.isro.gov.in> by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 020 30187500 (Email:support.isro@nextenders.com) also the home page of e-procurement portal may be accessed for any technical help for registration and subsequent process. Vendors may please note that without registering in our E-procurement portal they will not be able to quote for this tender.

Tender Attachments

Technical Write-up/Drawings

Attachment - I:

IDT0011170000000000isro05401.pdf

Attachment - II:

Attachment - III:

Attachment - IV:

Attachment - V:

Instructions to Tenderers (PT)

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1. Interested tenderers may, at their option, login to <http://eprocure.isro.gov.in> and submit offers as per details of notification. This being a two part tender - Technical and Commercial part separate, the Technical part should not contain Pricing information. The tenders containing Price details in Technical part will be treated as unsolicited offers and rejected.

3. A Pre-bid conference shall be held with the prospective bidders as per schedule given in the Tender Notification at Semi-Conductor Laboratory, S.A.S. Nagar (Mohali), Punjab, India to clarify issues regarding the specifications and other associated technical details of the subject procurement. The prospective bidders must, therefore, ensure that they or their authorized representatives attend the said pre-bid meeting at SCL as per the given schedule.

In order to enable meaningful discussions in the Pre-bid conference, the prospective Bidders are requested to list the queries/clarifications planned to be sought by them on this Tender in the Pre-bid conference, in a Query Sheet and send us the said Query Sheet over email address hps@scl.gov.in / saggu@scl.gov.in in advance to reach us at least two days before the Pre-bid Conference. Foreign

bidders (in case visit of foreign national is for more than one day) to intimate their willingness to attend the Pre-bid conference at least 10 days in advance in the prescribed standard format at the e-mail ids given above.

In the event, the Foreign bidder unable to attend the Pre-bid conference physically and do not have establishments/representative in india . SCL may arrange Pre-bid conference through Video conference/Skype. The vendor shall inform 10 days in advance to SCL, the points to be discussed in pre-bid conference.

Please note that Tender of a firm who has not attended the Pre-bid conference shall be disqualified.

4. Request for the extension of the due date will not be considered.

5. SCL reserves the right to accept or reject any / or all the tenders in part or full without assigning any reasons thereof. The bidder is at liberty to seek information related to bidding conditions, bidding process and/or rejection of its bid.

6. In this tender either the Indian Agent on behalf of the Principal/OEM or the Principal/OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorization letter obtained from their Principals/Manufacturers in their bid.

7. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the tender for the same item. If submitted, all offers submitted by the said agent shall be excluded from the procurement process.

8. The tenders of vendors who have not agreed to furnish Security Deposit or Performance Bank Guarantee as sought vide this tender shall be excluded from the procurement process.

9. The tenders of bidders where the validity of the tender is shorter than the period specified in the tender enquiry shall be excluded from the procurement process.

10. Late tenders, delayed tenders, fax quotations and e-mail quotations are not considered.

Bids submitted other than EGPS mode shall not be considered.

11. SCL reserves the right to verify all claims made by the bidder.

12. SCL reserves the right to change any milestone date of the tendering activity / tender schedule.

13. Tender which is not submitted in terms of instructions mentioned herein is liable to be rejected.

14. If tender opening date happens to be a public holiday, tender will be opened on the next working day and interested bidders may depute their representatives to attend the Tender Opening, with proper authorization.

15. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portions of the quantity offered and the tenderers shall supply the same at the rates quoted.

16. It is expressly agreed that the acceptance of the Stores Contracted for is subject to final approval in writing by the Purchaser.

17. It is to be noted that the drawings, specifications, end-use, etc., given by the purchaser, are confidential and shall not be disclosed to any third party.

18. Prices are required to be quoted according to the units indicated in the tender. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

19. The quote should indicate quantity wise unit rate separately which have to be filled online. The Prices are to be mentioned both in figures as well as in words. The taxes, duties etc. are to be calculated and indicated in the column provided in online forms explicitly.

20. Bidders are expected to comply with commercial and other terms and conditions given in vendor specified terms of this tender. In case of any deviation, the reasons thereof should be clearly specified in the vendor specified terms column.

21. All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

22. Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to remove the samples at his own expense.

23. Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his bid. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

24. The tenderer should provide, the name of his bankers as well as the latest Income-Tax clearance certificate duly countersigned by the Income-Tax Officer of the Circle concerned under the seal of his office, if required by the Purchaser during evaluation of tender.

25. Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

26. Subletting and Assignment: The contractor/supplier cannot sublet, transfer or assign the order/Contract or any part thereof or interests therein or benefit or advantage thereof in any manner whatsoever, to any other party save with the previous written consent of the purchaser. Such consent by the purchaser, however, shall not relieve or discharge the contractor/supplier from any obligation, duty or responsibility under the Purchase Order/ Contract.

27. The contractor/supplier shall indemnify the purchaser against Workmen Compensation Act.

28. The authority of the person submitting the tender, if called for, should be produced.

29. The bids shall be opened as per schedule indicated in the Tender in the presence of the bidders/their authorized representatives who may like to attend the tender opening against presentation of Authorization letter. Due to any breakdown in server/link, bid opening will be continued on the following dates.

The schedule of opening of Price bids shall be intimated separately to the technically qualified bidders only.

30. PROCEDURE FOR EVALUATION OF TENDERS:

Technical Evaluation Criteria:

Vendor meeting the eligibility criteria and basic technical specifications mentioned in SCL Tender shall be considered to be technically qualified.

Evaluation of Price Bids

The following elements shall be considered for evaluation of Priced Commercial offer:

a. Price quoted by the bidder in the price bid template for meeting the functionalities given in the Tender and Technical Specifications sheet. Bid shall be evaluated on overall cost basis. AMC charges and recommended spares & consumables charges sought in this tender shall not be taken into account for evaluation of price bid.

b. Charges for installation, testing and commissioning in case quoted separately

c. Compliance with the Payment Terms prescribed in this tender document. In the event, the bidder offers Payment Terms stringent than SCL prescribed Payment Terms, the bid of the bidder shall be loaded based on Base Rate of SBI prevailing on the date of opening of price bids.

d. In the event of the bidder seeking a Confirmed Letter of Credit, the bidders bid shall be loaded at the rate 0.5 percent of the LC value towards confirmation charges.

e. In the event of the bidder requiring SCL to bear bank charges outside India (foreign bank charges), the bidders bid shall be loaded at the rate 0.5percent of the LC value towards bank charges outside India.

31. The bid should contain the following information:-

a. Agency Commission: Bidders are required to provide the following information in respect of their authorised Indian Agent, if any, alongwith technical bid as the same is mandatory as is required for consideration of the bid. Name, Address, Telephone no. , fax no., email of the Indian Agent including the contact person. A letter from the Manufacturer/supplier in the current date certifying that the said Indian Agent is their authorised Indian Agent and also indicating the responsibilities/role of the Indian Agent under the proposed purchase. Renumeration/service charges payable to the Indian Agent under the proposed purchase. The amount of agency commission included in the price and payable to Indian Agent of the contractor shall be paid directly to the Indian Agents by the Purchasers in equivalent in Indian rupees on the basis of an invoice from him applying TT buying rate of exchange ruling on the date of placement of the Purchase Order and which shall not be subject to any further exchange variations. The payment will be released to the Indian Agents within 30 days from the date of acceptance of the goods.

b. Recommended spares for satisfactory operation for a minimum period of five years.

c. Details of any technical service, if required for erection, assembly, commissioning and demonstration.

32. The FOB/FCA prices quoted should be inclusive of all taxes, levies, duties arising in the tenderer country.

33. The details of Import License will be furnished in the Purchase Order.

34. Instruction/operation manual containing all assembly details including wiring diagrams should be sent wherever necessary in duplicate. All documents/correspondence should be in English Language only.

35. Part shipment is not allowed unless specifically agreed to by us.

36. As far as possible, stores should be dispatched by Indian Flagged Vessels/ Air India or through any Agency nominated by us.

37. Eligibility Criteria:

Bidder shall meet the following criteria to qualify for submitting the bid:

a. The bidder should be registered company under Companies Act or a partnership/proprietary firm registered under the appropriate Act.

b. The bidder should have been in related business for more than 03 years as on 31st March, 2016.

c. The bidder shall have an average annual Sales Turnover of more than Rs. 3 (three) Crore during the last three financial years. This turnover should be on account of Information and communication technology systems Development & Implementation (i.e. revenue should be on account of System

Integration mail Messaging solutions and their associated maintenance or implementation services packaged software etc.) only.

d.The bidder, in the last five years, must have successfully implemented (supplied, installed and Commissioned) at least 3 (three) projects involving setting up of mail Messaging Solution,each of value exceeding 30 lakhs , in india. One project out of above three, should have been executed in government sector viz. UGC approved University / PSU/ Scheduled Banks/ Defence /any state or central government Institute/ Department/ organisation.

The bidder shall be submit documentary proof pertaining value of the works (PO/ Contract agreement etc.) satisfactory installation and acceptance of their above works (Performance certificate duly signed by the authorised signatory of the client organisations with email & contact details.

e.Vendor /bidder shall furnish a certificate, along with the technical bid , from the OEM of components confirming the followings:-

i.The offered product is not an obsolete product.

ii.The offered hardware /software components will not reach end of support for atleast seven years from the date of supply at SCL.

iii.The OEM does not have any objection on retention of failed media at SCL during warranty replacements (Server and storage hardware ,etc.

iv.The offered hardware / software components are supported back to back by the OEM during the warranty period.

f.The Bidder should have its own after sales support facilities for providing technical assistance within 24 hours and to get the faulty equipment, if any, serviced / replaced through OEM during the warranty period of 3 years.

The support facilities should be fully owned by the Bidder/ OEM and managed by their permanent employees (company payroll) and not through franchisee(s).

g.The Bidder shall not be under declaration of ineligibility for corrupt or fraudulent practices.

Bid Templates

Gateway Appliance Specifications : Page 1

Item Specifications

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	Hardware Appliance Based Anti Spam and Anti Virus Solution shall be offered in High available configuration.			
2	The appliance shall support automatic failover. Required licences shall be offered.			
3	The appliance shall run purpose build OS hardened for security application			
4	Sizing & Scalability: The vendor shall quote Appliance based anti-spam solution capable of 300			

	Mailbox and scalable upto 1000 mailbox			
5	Physical - The offered storage shall be 19 inch rack mountable unit and shall be offered with rack mount kit			
6	Network Ports: - Each Appliance shall have atleast 2 Nos of Gigabit Ethernetports			
7	Should support Gateway (MTA), Transparent & Server Mode.			
8	In the appliance internal storage atleast 250 GB shall be available for storing message log and quarantine storage.			
9	Email Routing (Messages/Hour) 80K and AntiSpam (Messages/Hour) 60K			
10	Solution shall offer a layered approach for scanning email and email			

	filtration			
11	Solution shall offer spam and virus filtering			
12	Solution shall be capable of preventing spoofing, phishing, and malware			
13	Solution shall be capable of protecting against Denial of Service (DoS/DDoS).			
14	Solution shall be capable of protecting against Directory Harvesting (DH) attacks			
15	Solution shall offer real-time protection that will block new spam and viruses in real-time and shall provide zero-day protection support.			
16	Solution shall enable tagging email messages as spam in MIME header or Subject or both based on the configuration.			

17	Solution shall be able to store quarantine email either on appliance itself or it shall have the capability to send quarantined email off-box to an administrator email address.			
18	Solution shall offer global and per user Bayesian Analysis with minimal initial learning and auto-learning mechanism.			
19	Solution shall have the capability to allow email exchange with remote hosts/servers using SMTP over TLS connection when sending email to or receiving email from a specific domain.			
20	Solution shall have option to store email logs and entire email content locally in appliance and shall provide functionality to retrieve logs based on search criteria such as a)			

	Date and time b) Sender Email ID c) Recipient Email ID d) Domain			
21	Solution shall have the ability to enforce email policy based on character set of message parts.			
22	Solution shall be able to enforce email policy by inspecting the content of WebSites linked to URIs in emails			
23	Solution shall allow the administrator to enforce email policy based on URI embedded in email parts			
24	Solution shall be able to prevent spammers from sending large amounts of emails over a short time period from any IP address and shall support tarpit interval for email commands.			
25	Solution shall be able to			

	receive email from IPv6 networks, apply content policies, and deliver to either IPv4 or IPv6 networks.			
26	Solution shall support LDAP integration			
27	Solution shall offer Multiple domain support			
28	Solution shall offer rate control for protection against flood-based attacks			
29	Solution shall offer Fingerprint ,intent and image analysis			
30	Solution shall offer Spam Confidence Level features			

Gateway Appliance Specifications : Page 2

Item Specifications -I

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
31	Solution shall have the ability to block emails via header/subject/body/content using regular expressions and exact word matches			
32	Solution shall prevent compromised internal systems from sending emails to a large number of recipients from a single user account over a short period of time			
33	Solution should support Local Sender Reputation apart from Sender Reputation from Cloud.			
34	Solution should support Greylisting Mechanism for Anti-Spam Filter			
35	Solution shall offer multi-layer virus blocking scheme for effective virus detection			

36	Solution shall offer at least one integrated Antivirus Engine bundled with baseLicense			
37	Solution shall be capable of scanning archive for comprehensive protection			
38	Solution shall have comprehensive antivirus definition having newer and old virus and malicious signatures in local database for faster scanning.			
39	Solution shall offer IP reputation analysis			
40	Solution shall offer users ability to whitelist/blacklist IP			
41	Solution shall be able to define a list of trusted email servers and list of bad email senders by IP address			
42	Solution shall be capable of Preventing reputation			

	loss and blacklisting based on IP addresses of known, good senders as well as known spammers			
43	Solution shall have the ability to subscribe open source block list and IP reputation lists available through spamhaus or other RBL providers			
44	Solution shall support DLP feature and shall be able to prevent leakage of sensitive data in outbound emails			
45	Data loss prevention policies shall be capable of matching keywords and dictionary terms			
46	DLP shall support Pre-defined filters			
47	DLP Shall be able to build effective and flexible policies through regular expression and keywords			

48	Solution shall be able to block attachments by MIME file type, file extensions and unknown file types.			
49	Solution shall support SPF capabilities			
50	Solution shall support DKIM signing of outbound email and DKIM verification for inbound emails			
51	Solution shall support Invalid bounce suppression			
52	Solution shall support DNS lookup to prevent sender fake domain			
53	Solution shall support to prevent "spoofing" of an organization's own domain			
54	Solution shall be able to perform a reverse DNS lookup to block emails originating from IP's not			

	having valid reverse DNS			
55	Solution shall support custom policies to define organization own allowed sender domains or email addresses and organization can also define their own block lists based on sender domains or email addresses.			
56	Solution shall support sender validation forcing RFC821 compliance or requiring fully-qualified domain names			
57	Solution shall support DMARC feature. The vendor to provide all the technical support to configure SPF, DKIM, DMARC on supplied system.			
58	Solution shall support recipient verification forcing RFC821 compliance			

59	Solution shall support LDAP recipient email verification to reject messages if therecipient email addresses do not seems to appear in the LDAP directory.			
60	Solution shall support SMTP recipient email verification to reject messages if themail server does not accept mail for that recipient.			

Gateway Appliance Specifications : Page 3

Item Specifications -II

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
61	Solution shall support user based filtering			
62	Solution shall support Personal allow and block lists			

63	Solution shall offer mechanism to define user level spam scores			
64	Solution shall support Individual spam scoring for spam confidence level			
65	Solution shall support End-user quarantine and digest emails			
66	Solution shall support Bayesian analysis/ technique to analyses each messagebased on the statistical frequency of word occurrence of a user's previous emailactivity to determine if the message is spam or legitimate.			
67	Solution shall support Web-based interface for management for policies and administration			
68	Solution shall offer multiple roles of administration			

69	Solution shall support Delegated domain administration			
70	Solution shall support Reports generation, graphical reports ,statistics and alert			
71	Solution shall offer on-demand and schedule based reports and notifications via email.			
72	The Solution shall have built-in Reporting and shall not require any server/software.			
73	Solution shall support SNMPv3 for monitoring and control of Appliance and notification through SNMP trap.			
74	The administrative interface access should ONLY be from SCL network. It shouldnot be accessible from Internet.			

75	Solution shall offer online technical support			
76	Solution shall support automated updates of antivirus definitions updates ,Antispamdefinitions updates and other security definition updates			
77	Power Supply rating: 220-230 volt +-10 % with 50/60 Hz			
78	Virus Bulletin Certification for Anti-Spam & Anti-Virus			
19	AntiSpam Solution should be ICSA Certified			

Servers (Proxy, Relay, Mail and Archive) Specifications

Item Specifications -III

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	Form Factor : 1U			

2	Processor : 1 x Intel Xeon Processor E5-2623 v4 (10M Cache, 2.60 GHz) processor or higher, support Up to two			
3	Mother Board : OEM Motherboard			
4	Memory : 32 GB Memory DDR4(expandable to 192 GB) or higher			
5	HDD : 4 x 300GB SAS 10K RPM Hot Pluggable or higher			
6	RAID Controller : Should with RAID 5 and 2GB min. cache			
7	Disk Bay : Up to 8 x 3.5" / 2.5" SAS, SATA, nearline SAS, SSD drives			
8	Network : Atleast 4 x 1GbE Ethernet ports across dual Ethernet cards			
9	VGA/serial/USB ports : Front VGA opt, rear VGA standard, and serial opt., 3			

	or higher USB 3.0			
10	Power and cooling : Hot plug fans with full N+1 redundancy			
11	Operating System Certification : Red Hat Enterprise Linux (RHEL)			
12	Required OS : RHEL with 3 year Self support / Standard subscription			

Server Rack & Rack Mounted Console with KVM Switch Specifications :

Item Specifications -IV

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	Server Rack : (Specifications at Sr. no. 2 to 6)			
2	Size : 42 U (industry standard dimensions)			
3	Compatibility : Compatible with Item 2 and 4			

4	Power distribution Units : With 20 or more power sockets (5/15Amp) Dual PDU			
5	Accessories : Good Quality Accessories for the complete Installation of all the equipment in the Rack should be provided by bidder.			
6	Others : I. Rack should be UL Listed and ModularII. Should have Fan Tray with minimum 4 FansIII. Should have minimum 4 Nos of Cablemanager Duct type 1UIV. Should have earthing KitV. Floor mountableVI. Should Have perforated rear and front doorsVII. Rack shall be three sides openable.VIII. Rack should have provision for entry of cables from top and bottom			
7	Rack Mounted Console with KVM Switch :			

	(Specifications at Sr. no. 8 to 13)			
8	Size : Maximum 1U			
9	Display : Minimum 17 inch or larger			
10	Keyboard & Touchpad : Should be integral part of the console			
11	KVM Switch : 8 port KVM Switch integrated with the console			
12	Cables : All Cables should be provided for connecting to the Servers/etc. (Qty 04 Nos) to the KVM switch			
13	Accessories : Appropriate accessories to be provided to mount the Console on the Server Rack .			

Unified Storage Specifications : Page 1

Item Specifications -IX

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	Vendor should quote the entire solution from the same product family of a single manufacturer.			
2	The Unified NAS Operating System should be owned by the Storage Hardware Manufacturer.			
3	19 inch Rack mountable Storage hardware rack mount kit shall be offered.			
4	Vendor should offer rack mount enclosures only. Such enclosure should permit maintenance access to the subsystems / cards inside without requiring dismounting from the rack. Tower enclosure with rack mount kit should not be offered.			
5	The offered solution should be configured with no single point of failure.			

6	The offered solution should be configured with dual controllers which supports Active-Active or Active-Passive modes.			
7	The offered solution should provide session / cache information replication across the controllers to support faster failover across the controllers.			
8	It should retain the state information of the active transactions during a controller failover event.			
9	Any maintenance activity on the storage, controller OS upgradation, filesystem expansion should be performed online without downtime.			
10	Any maintenance activity should be non-destructive for the stored data.			
11	The NAS storage			

	architecture should be based upon dedicated NAS appliance hardware, running specialized operating system optimized for NAS operations.			
12	The host operating system in the controller should be strictly based on unix/linux based kernel with a specialized environment built to support high performance file service.			
13	The proposed NAS storage architecture should not be based upon file services running on general purpose OS and conventional server hardware.			
14	The controller NAS operating system should be protected by RAID.			
15	The controller should support creating disk groups in different RAID			

	levels viz., RAID 1 & 6 or data protection mechanism based on dual parity protection.			
16	Each controller should be configured with atleast 16 GB of memory.			
17	Controllers should support different disk drives viz., SSD, SAS, SATA, NL-SAS.			
18	It should be possible to grow the file system online.			
19	It should be possible to grow the disk pool online to grow the file system.			
20	The controller cache should support battery backup option or equivalent technology to protect uncommitted data against powerfailure.			
21	The controller should be configured for point in time images or snapshots and applicable licensing			

	should be offered. It should be possible to take at least 64 snapshots per file system.			
22	It should be possible to configure quotas on the user, volume and directory level.			
23	Storage controller shall support NDMP for backup and restore operation.			
24	Solution shall be sized in such a way that addition of any capacity shall not require any additional Licenses.			
25	The storage should be offered with license for Snap/clones, remote replication and policy based auto-tiering from day one			
26	The storage enclosure shall be populated with 900 GB 10K RPM dual port enterprise SAS on 6G SAS			

	interconnect or better drive performance drives			
27	The Disk enclosures shall be offered with sufficient capacity to house required number of disks.			
28	The disk enclosure shall be configured with required interconnection cables to have connectivity with both the controller to avoid single point of failure.			
29	The storage controller shall be scalable upto 150 drives.			
30	The usable storage capacity of 10 TB at the file system level should be offered.			

Unified Storage Specifications : Page 2

Item Specifications -V

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
31	The usable file system capacity should be calculated excluding NAS OS overhead and snapshot overhead. Minimum 20% of disk space should be considered for snapshot reserve.			
32	Vendor should note that the capacity mentioned above is the usable/workable capacity at the file system level. Vendor should quote for appropriate configuration considering the spares and RAID configuration. Vendor should consider 6 data + 2 parity RAID configurations in RAID 6 with minimum four global hot spares to arrive at 10 TB.			
33	Vendor should demonstrate the usable capacity of 10 TB on a Linux NFS client using			

	standard Linux commands like 'du -sh'.			
34	A detailed calculation in arriving at the number of disks to meet the usable storage requirement of 10 TB should be provided along with the offer.			
35	The offered storage controller (each controller) shall support minimum throughput of 800 MB/sec per controller			
36	The storage controller should be offered with NFS v3 & v4, FC, CIFS & iSCSI protocol support.			
37	Each controller should be configured with a minimum of 4 nos of Gigabit Ethernet ports			
38	Link aggregation/ trunking of the Ethernet ports should be supported.			
39	Minimum 2 iSCSI ports.			

40	FC Port – Each storage controller should also be configured with at least two 8 Gb FC port with transceiver(SX type)			
41	The software for managing the storage device should be Web GUI based and CLI.			
42	The storage should have out-of-band management feature on Ethernet.			
43	The proposed management interface should be able to manage, configure and monitor the environment.			
44	The storage shall have the ability to combine multiple RAID Groups into a single entity so as to create LUNS / Volumes using Multiple RAID Groups.			
45	The storage shall support security features like LUN masking, Zoning etc.			

46	The storage should be capable of Data-at-Rest-encryption. Any additional hardware, software and license should be provided.			
47	The offered storage solution should be supplied with hot swappable redundant power supply units, for all the components wherever provision exists in addition to No Single Point of Failure clause mentioned earlier.			
48	Power Supply rating: 220 volt/50 Hz.			
49	Required power cable shall be offered with the storage.			
50	The offered hardware shall be CB, RoHS and WEEE compliant hardware.			

Item Specifications -V

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	The proposed Mail messaging solution should be an enterprise class, commercially available solution and should have a version history for last 3 years and future roadmap for next 2 years.			
2	The proposed Mailing Solution should support RHEL Operating System			
3	The proposed solution should not include any individual component running on beta version.			
4	The proposed Mailing Solution should provide High Availability and Load Balancing capability.			
5	The proposed Mailing Solution should also provide access of mails via			

	Internet access and Mobiles access capabilities.			
6	The proposed Mailing Solution should be accessible through browser using https through browser like Internet Explorer, Mozilla Firefox, Chrome, Safari etc.			
7	The proposed Mail messaging solution should support Web based client. All necessary licenses should be included as part of proposal.			
8	The proposed messaging solution should support multiple domains on a single system.			
9	The proposed solution should provide Gateway servers for user access functions with capabilities like web based Mail access and VPN less secure email			

	access from Internet.			
10	The solution should provide tools to handle disaster recovery scenarios like reconnection to the directory services user account, support for recovery of individual or group of mailboxes, support for merging or copying recovered mailboxes.			
11	The proposed Mailing Solution should support 400 users and scalable to 750 or more users.			
12	The proposed Mailing Solution should be capable of retaining mails data for at least 5 years.			
13	The proposed Mailing Solution should have built in Server side filtering rule for messages.			
14	The proposed Messaging			

	Solution should support enhanced version of Mail Relay – TLS based relay.			
15	On reaching quota limit, User should be able to Read / delete mails but cannot send or forward mails.			
16	System should be capable of sending quota notification alert.			
17	The proposed mailing solution should allow users to view / download common mail attachments - .doc, .xls, .ppt, .docx, .xlsx, .pptx etc.			
18	Mail Stripping: The proposed mailing solution should not duplicate the attachments, thus providing single instance of storage. Mails sent to multiple recipients with attachments to be stripped of all attachments to all recipients as per			

	<p>policy defined. The attachment(s) should be stored at a shared central location and only links to this location shall be provided in the mail for accessing the attachments.</p>			
19	<p>Out of Office messages should be scheduled to begin and end at a given dates/time. It should support separate out-of-office messages to be set for internal and external recipients.</p>			
20	<p>The proposed messaging solution should have option to define the maximum mail message size. (e.g. 30 MB).</p>			
21	<p>The proposed messaging solution should avoid mail loops when auto responding (out-of-office responses). i.e. It should not send out-of-office responses to every mail</p>			

	received from a particular sender within the defined vacation period.			
22	The web base email access GUI should be mobile responsive on Android, Windows and Apple iOS platform or other mobile platform.			
23	The proposed Messaging Solution should support POP3 / IMAP / HTTP and SMTP / MIME protocols over normal and secured channels			
24	The proposed Messaging Solution should support Simple Authentication and Security Layer (SASL).			
25	The Directory Server to be proposed with the messaging solution should provide user's authentication using industry standard authentication mechanism compliant with LDAP v3.0			

	/ latest			
26	The proposed messaging solution should support single authentication mechanism for all components of the solution.			
27	The proposed messaging solution should relay the mails from the clients in the trusted network or to domains that are configured as authorized relay destination.			
28	The proposed messaging solution should relay the mails from the authorized users only.			
29	The proposed messaging solution should have support for Enhanced Simple Mail Transfer Protocol (ESMTP) facilitating secured authentication.			
30	The proposed messaging			

	solution should provide SSL/TLS and MIME support for encrypted communication.			
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Mail Messaging Software Specifications : Page 2

Item Specifications -VI

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
31	The proposed messaging solution should be able to validate sender domain in DNS			
32	The proposed messaging solution should be protected from Denial of Service Attacks.			
33	The messaging solution should have Anti-Virus / Trojan systems to protect email and attachments.			
34	SPAM Blocking mechanism.			

35	Should support customized content filters including type of attachments.			
36	Should support functions like black listing / white listing of email users / domains access to Administrators.			
37	Should support functions like email release access to Administrator which was blocked by content filter / SPAM filter / Virus Filter etc.			
38	Access to all quarantines / filters to Administrator.			
39	Functions for generation of reports like Virus emails report, SPAM email report, content filtered email report etc.			
40	The proposed messaging solution should provide administrators ability to set the parameters for			

	controlling the queue such as concurrency delivery, queue lifetime, response timeout, connect timeout and bounce mail lifetime.			
41	The proposed messaging solution should provide administrators ability to perform queue handling tasks such as delete, redirect, flushing etc.			
42	The proposed messaging solution should provide a dynamic mail routing feature to automatically select the best routing for the mails and to directly deliver mails to parallel queues running on the server, thereby removing mail delivery bottlenecks.			
43	The proposed messaging solution should come with its own proprietary webmail client (and Not a free, open-source webmail client) with rich, interactive, webbased			

	interface for end user functions (accessible via and HTTPS)			
44	The web client should be integrated with access to applications like email, Calendar, Address Book etc. Provision for sharing Address Book, Calendars and documents with internal users and groups and Calendar sharing with external users be allowed.			
45	All web mail functionality should be accessible through all supported web browsers including Internet Explorer, Mozilla Firefox etc. in the proposed messaging solution.			
46	The proposed messaging solution should have rich, interactive, web-based interface for end user functions (accessible via and HTTPS).			

47	The proposed messaging solution should support automatic and manual refresh of the user interface to automatically display newer messages and other updates.			
48	The proposed messaging solution should provide administrators the ability to define web mail session idle time at the global level to automatically sign off user if the system detects a prolonged period of inactivity.			
49	The proposed messaging solution web interface should have Secure Logout from Web mail client to prevent unauthorized access to mail pages after sign out.			
50	The proposed messaging solution web interface should support customization of look and feel, color themes,			

	behavior etc. of the web mail client.			
51	The webmail client should have a built-in rich text editor for composing messages with support of colour, fonts, attributes, font size, indentation, hyperlinks, bulleted / numbered lists, tables, spell-check etc.			
52	The proposed messaging solution should have the ability to check and correct spelling while composing a mail message etc. using an interactive spell check session.			
53	The webmail client should provide users ability to choose from recipients stored in personal Address Books, Shared Address Books or the Global Address list.			
54	The proposed messaging solution should allow			

	<p>users to search from within the web client. Search index shall be built for faster search on content based upon Subject , Sender, Recipient, Content, Contacts, Date, Mail status etc.</p>			
55	<p>The proposed messaging solution should support auto address completion including stored email addresses as they are being typed, when multiple addresses match.</p>			
56	<p>The proposed messaging solution should have the ability to render and create messages in HTML format and Text Format.</p>			
57	<p>The proposed mailing solution should have the option to set the number of mail entries in a single page.</p>			

58	The proposed mailing solution should have the option of sorting emails by various fields such as date, sender, size etc.			
59	The proposed mailing solution should have the ability to attach a single or multiple documents at a time while composing the mail			
60	The proposed mailing solution should have the ability to create separate email folders and subfolders			

Mail Messaging Software Specifications : Page 3

Item Specifications -VII

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
61	The proposed mailing solution should have the ability to setup 'Rules' to			

	re-direct incoming mails to specified folders			
62	The proposed mailing solution should have the ability to restore the deleted email by the administrator/user.			
63	The proposed mailing solution should have the ability to add signatures to email messages.			
64	The proposed messaging solution should have a built-in rich text editor for composing messages with support for colour, fonts, attributes, font size, hyperlinks etc.			
65	The proposed messaging solution web interface should support read receipt request – while composing a message, user can mark the message to request for a read receipt notification			

	from the recipient.			
66	The Web interface should have feature to send and receive files as attachments in the proposed messaging solution.			
67	The proposed messaging solution should support Message Priority feature – to set priority of messages while composing them.			
68	The proposed messaging solution should support sorting / filtering of incoming mails based on user definable sorting / filtering rules.			
69	Webmail interface should have features for notification of new mails, failed delivery, content rejection etc.			
70	The user should be able to change the password through web interface			

71	User should be able to mark mails as read or unread and maintain flags for follow ups.			
72	The Webmail interface should provide feature to search messages based on: From, To, Cc, Bcc, Subject and body but not limited to these, search in the folders and also advance search capabilities like search with attachment type (pdf, doc, ppt etc.)			
73	The messaging solution should allow the user to open mails in new window, tab.			
74	The mail messaging solution should support basic authentication, session authentication, secure logoff, secure sockets layer encryption and active content filtering.			

75	Users should be capable of viewing the total size and available space of their mail boxes.			
76	Creation of groups / distribution lists			
77	The messaging solution should support for ignoring the messages tagged as SPAM / JUNK by the headers / subject or automatically SPAM / JUNK message should go to SPAM / JUNK folder.			
78	The directory server proposed with the messaging solution should provide user authentication using industry standard authentication mechanism compliant with LDAP v3.0 / latest			
79	Support for Access Control Lists (ACLs)			
80	The Messaging Solution			

	should be able to integrate with other Standards based directory system for authenticating user accounts and passwords.			
81	The mail messaging solution should have ability to index all address books. All address books must be available to the users through rich client, web client and optional support for mobile devices.			
82	The messaging solution should have ability to perform a LDAP based address book lookup.			
83	The user should be able to add, delete and modify the contacts in personal address book via web client.			
84	The proposed solution should allow Administrators to create and delete distribution			

	groups.			
85	The user should be able to change their password with the functionality to enforce change of initial password at first logon.			
86	The proposed messaging solution should have the ability to enforce password rules in terms of Length, age, inclusion of Alpha numeric / special characters, password history etc.			
87	Re-enabling of blocked e-mail by Administrator			
88	Prohibit use of null password			
89	Stores passwords in a one-way encrypted form in a protected password file that is access controlled such that no user can read or copy the encrypted contents.			

90	Two factor Authentication for roaming users through OTP.			
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Mail Messaging Software Specifications : Page 4

Item Specifications -VIII

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
91	The proposed messaging solution should provide administrators an interface to view and manage all the user's configurations from a single application. These include personal information, quota, forwarding, user login count, login history etc.			
92	Log information should include e-mail id, IP address etc.			
93	The proposed messaging solution should have the			

	ability to create multiple users for a domain automatically using an existing database of user record / details.			
94	The proposed messaging solution administration client should provide ability to rename a user. While renaming you have the option to set the old user id as an alias for the new renamed user, so that there is a transition time while the contacts of the old user id get acquainted with the new user id.			
95	The proposed mailing solution should support online maintenance of message databases which can be scheduled for example backup, restore, user management etc.			
96	The proposed mailing solution should support feature to categorize users into different groups. A			

	particular group of users may be allowed to send mails to a select group of domain(s) only.			
97	Journaling: the proposed messaging solution should provide archiving and journaling capabilities for all mail boxes on the server as per compliance / Archiving & Retrieval / Disaster Recovery requirements.			
98	Should capture mails for archive system from SMTP			
99	Should archive all incoming, outgoing and internal mails.			
100	Should support custom defined archival rule as per the retention policy			
101	Should support compression			
102	With the scope of date duration and time from senders or recipients			

	name, CCied, BCC, priority, flag with explicit or with the combination of any.			
103	Should support printing of an email directly from archive database.			
104	View and save as email format, draft messages.			
105	Ability to search by subject or word in the body of message.			
106	The proposed messaging solution should provide the ability to use Search filters for Sender, receiver, message size, sent / receive date, cc/bcc, regular expressions and protected items.			
107	The solution should support access to Archive mailbox by the Administrator.			
108	The proposed messaging solution should provide ability to configure			

	retention policies that can be applied to all the mail boxes on the server.			
109	The proposed messaging monitoring solution should provide facility to create single report containing the health parameters from the mailing solution.			
110	The proposed messaging monitor solution should provide a Monitoring Console – A tool available via the web based administrator console for client to monitor the critical parameters of the server. The console provides a real time inline view of the server functioning and covers three key aspects i.e. services (status, down time, restarts etc.), resources (disk space, memory, connections, queues etc.) and transactions (statistics of			

	logins, mails exchanged etc.)			
111	<p>The proposed Message Monitoring Solution should provide reports like hourly mail flow statistics (Model statistics from message tracking logs to provide information on mail flow latency by hour), Daily mail flow statistics (Model statistics from message tracking logs to provide information on mail flow latency by Day), Top Users (Model usage data for clients with the most messages sent, received and failed), service availability (Availability of client that access their mailbox through messaging client), Client performance (Model client performance statistics based on the performance data submitted to messaging server by messaging</p>			

	client), SMTP (Client Submission) Availability (Models client SMTPsubmission availability as measured by transactions.)			
112	The proposed messaging monitoring solution should provide remote administration. The administrator should be able to manage servers remotely.			
113	The Gateway & Mail Server Antivirus solution should provide Antispam, Antivirus and content filtering protection for the SMTP gateway.			
114	The solution should provide protection against all kinds of attacks like but not limited to viruses, Trojan horses and worms including boot sector, master boot sector, memory resident, macro			

	etc.			
115	The solution should scan both inbound and outbound mails for inappropriate content and private data.			
116	The solution should provide the basic functionality features like cure / clean avirus file / mail, quarantine a virus mail / file , and delete a virus mail / file.			
117	The solution should scan all mails both inbound and outbound mails passing through the messaging system and cure for infections in documents attached to email messages and folders.			
118	The solution should provide real-time monitoring and scan for viruses while messaging systems are live and running – without			

	disturbing mail service in the total system architecture			
119	The solution should provide capability to define blacklist / white list senders, domains at the global level for the whole messaging system to reduce SPAM and Virus mails.			
120	The solution should check unknown sender IPs, querying the smart protection network in real time.			

Mail Messaging Software Specifications : Page 5

Item Specifications -X

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
121	The proposed solution uses a comprehensive layered approach to			

	<p>separate genuine email from spam. These include Sender Policy Framework, Recipient verification. Keyword, header and body text analyses, customized scoring algorithms as well as many other customized rules. These combine to give emailan overall score which defines it as spam or not.</p>			
122	<p>The proposed solution should block unwanted attachments including file types, mime types and renamed files. This can be enabled at both the domain and user level allowing administrators to block unwanted content.</p>			
123	<p>The proposed solution contains a comprehensive reporting suite providingautomated graphical reports including top spam recipients, top email recipients and</p>			

	search capabilities			
124	The SPAM prevention component should analyse / scan mail on the basis of the techniques like rule based SPAM filtering; Signature Analysis- Signature based analysis.			
125	The solution should provide proactive blocking of SPAM by referring to Real Time Block Lists.			
126	The solution should Leverages signatures and heuristics to stop spam, bots, phishing and targeted attacks.			
127	The antivirus and antispam solution should be integrated with Mail Messaging Solution.			
128	The solution should be able to stop virus / malware entering the network by blocking files with real time compressed			

	executable file.			
129	The solution should provide detection capabilities for Mass Mailing detection Malformed mail format detection, encrypted mail detection, worm trap.			
130	The solution should provide Multi-Tiered Spam and Phishing defence which should include email Reputation service, Customer specific Reputation Service, Antispam Composite engine.			
131	The solution should apply automatic, customer specific reputation services, stopping spam and viruses.			
132	The email reputation service should identify and block email from known spam senders at the IP			

	level after verification against an extensive Reputations Database.			
133	The solution should provide a Web Based end user Quarantine (EUQ) to improve spam management.			
134	Should provide following Filter actions for efficient email management: Deliver email Safe stamp a message Clean infected email and deliver Delete infected email Strip off infected attachment(s) Archiving emails Append disclaimer to the message Postpone sending queue Re-rout messages to the next SMTP server			
135	Realtime Blackhaul List (RBL) support at Gateway level. The system should support use of open and freely available RBL like			

	Spamhaus, SORBS etc.			
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Compliance Sheet Against Tender Document clauses

Item Specifications -XI

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	Preamble (Clause 1.00.00 of Tender Document)			
2	Eligibility Criteria (Clause 2.00.00 of Tender Document)			
3	Scope of Work (Clause 3.00.00 of Tender Document)			
4	Scope of Supply (Clause 3.01.00 of Tender Document)			
5	Scope of Installation & Commissioning (Clause 3.02.00 of Tender Document)			
6	Testing (Clause 3.03.00 of			

	Tender Document)			
7	Training (Clause 3.04.00 of Tender Document)			
8	Acceptance Procedure (Clause 4.00.00 of Tender Document)			
9	Safety (Clause 5.00.00 of Tender Document)			
10	Intellectual Property Rights (Clause 6.00.00 of Tender Document)			
11	Technical Specifications (Clause 7.00.00 of Tender Document)			
12	System Requirements (Clause 7.01.00 of Tender Document)			
13	Specifications : Hardware (Clause 7.02.00 of Tender Document)			
14	Specifications : Software (Clause 7.03.00 of Tender Document)			

15	Approved Manufacturers (Clause 8.00.00 of Tender Document)			
16	Facilities to be provided by SCL (Clause 9.00.00 of Tender Document)			
17	Submittals by Vendor (Clause 10.00.00 of Tender Document)			
18	Delivery & Installation Schedule (Clause 11.00.00 of Tender Document)			
19	Warranty (Clause 12.00.00 of Tender Document)			

Eligibility Criteria - Attach Documentary Proofs

Item Specifications -XII

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Remarks
1	Bidder shall meet the following criteria to qualify			

	for submitting the bid:			
2	The bidder should be either registered company under Companies Act or a partnership / proprietary firm registered under the appropriate Act.			
3	The bidder should have been in related business for more than 3 years as on 31stMarch, 2016.			
4	The bidder shall have an average annual Sales Turnover of more than Rs. 3 (three) crore during the last three financial years. This turnover should be on account of 'Information and communication technology' systems Development & Implementation (i.e. revenue should be on account of System Integration, Mail Messaging solutions and their associated maintenance or			

	implementation services, packaged software etc.) only.			
5	The bidder, in the last five years, must have successfully implemented (Supplied, Installed and Commissioned) at least 3 (three) projects involving setting up of Mail Messaging Solution, each of value exceeding 30 lakhs, in India. One project, out of the above three, should have been executed in government sector viz. UGC approved University / PSU/Scheduled Banks/Defense/any state or central govt. Institute / Department / organization. The bidder shall submit documentary proof pertaining value of the works (PO/Contract agreement, etc.) and satisfactory installation & acceptance of their above			

	works (Performance certificate duly signed by the authorized signatory of the client organizations, with e-mail & contact details).			
6	Bidder shall furnish a certificate, along with the technical bid, from the OEM of components confirming the following:i. The offered product is not an obsolete product.ii. The offered hardware/software components will not reach end of support for at least 7 years from the date of supply at SCL.iii. The OEM does not have any objection on retention of failed media at SCL, during warranty replacements (Server, Storage hardware, etc.).iv. The offered hardware/software components are supported 'back-to-back' by the OEM during the			

	warranty period.			
7	Bidder should have its own after sales support facilities for providing technical assistance within 24 hours and to get the faulty equipment, if any, serviced/replaced through OEM, during the warranty period of 3 years. The support facilities should be fully owned by the Bidder / OEM and managed by their permanent employees (company payroll) and not through franchisee(s).			
8	The Bidder shall not be under declaration of ineligibility for corrupt or fraudulent practices.			

Vendor Specified Terms

Description	Vendor Terms
1. Definitions:	

<p>a) The term Purchaser shall mean the Director, Semi-Conductor Laboratory or his successors or assignees.</p> <p>b)The term Contractor shall mean, the person, firm or company with whom or with which the order for the supply of stores is placed and shall be deemed to include the Contractors Successors, representatives, heirs, executors and administrators unless excluded by the Contract.</p> <p>c) The term Purchase Order/Contract shall mean the communication signed on behalf of the Purchaser by an officer duly authorised intimating the acceptance on behalf of the Purchaser on the terms and conditions mentioned or referred to in the said communication accepting the Tender or offer of the Contractor for supply of stores of plant, machinery, Software or equipment or part thereof.</p> <p>d) The term Stores shall mean all that the Contractor agrees to supply under the Contract as specified in the Purchase Order including its installation, testing and commissioning as per the specifications.</p>	
<p>2. For imported stores, prices shall be quoted on FOB/FCA nearest International/Gateway airport basis.</p> <p>For indigenous stores, prices shall be quoted on F.O.R destination basis i.e. SCL, S.A.S. Nagar, Mohali, Punjab exclusive of excise duty and taxes as may be applicable.</p> <p>The rates at which the said Government levies, taxes and duties are</p>	

applicable, shall be indicated separately.

The prices of the indigenous items shall also be exclusive of transit insurance which shall be arranged by the Purchaser and shall be to Purchaser account.

Notes:

a) Purchaser is entitled to Excise Duty exemption as per CE Notification no. 10/97 Central Excise dated March 01, 1997 amended vide Notification No. 16/2007 Central Excise dated March 01, 2007 and would accordingly issue Excise Duty Exemption Certificate in favour of the contractor quoting in Indian Rupees. The bidder should take the same into account while quoting the prices in Indian Rupees.

b) For imported materials, the Purchaser is entitled to issue Customs duty exemption certificate (CDEC) to the contractor under customs notification no.51/96 dated 23.07.1996 and subsequent amendments to enable the contractor to avail off the benefit of concessional rate of customs duty under this notification. CVD under this notification is nil. In addition to the above CDEC, any documentary support requested by the contractor from the purchaser for customs clearance of goods against the above CDEC shall be provided by the purchaser.

c) For indigenous stores, no concessional Central Sales Tax form will be issued. Please indicate the rate of Central Sales Tax (without Form C) / VAT / Service Tax as applicable.

<p>3. PRICES:</p> <p>Tender offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotation with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variation/s.</p>	
<p>4. Delivery Period:</p> <p>The contractor shall specify their best delivery period inclusive of all Govt. formalities of the exporting country.</p> <p>Project Completion Schedule: The Purchaser expects the Contractor to complete supply, installation, testing & commissioning of the equipment within a period of 12 weeks from the date of award of Contract</p>	
<p>5. SECURITY DEPOSIT:</p> <p>a) On acceptance of the tender, the Contractor shall submit security deposit for ten percent (10 percent) of the value of the Contract within 15 days from the date of purchase order. If the Contractor fails to provide the security within the period specified, such failure shall constitute a breach of the Contract, and the Purchaser shall be entitled</p>	

<p>to make other arrangements for the re-purchase of the stores contracted at the cost and risk of the Contractor.</p> <p>b) Security Deposit shall be submitted through Demand Draft /Bankers Cheque/ fixed deposit receipt or Bank Guarantee from any of the Scheduled Banks executed on non-judicial stamp paper of appropriate value, and shall be valid for a period of sixty (60) days beyond the date for completion of the Purchase Order/Contract.</p> <p>c) In case the contractor fails to furnish the security deposit within the specified date or extended due date, the Purchase Order/Contract shall be cancelled, and the EMD, if any, made earlier shall be forfeited, and, in addition, appropriate penal action may also be considered.</p> <p>d) After the Purchase Order/Contract is successfully executed in all respects, the Bank Guarantee towards Security Deposit may be discharged and retained amount and / or EMD refunded to vendors.</p> <p>e) In the event of non-execution of the Purchase order/Contract or breach of any terms and conditions of the Purchase Order, the Security Deposit shall be forfeited.</p>	
<p>6. Warranty :</p> <p>The Contractor shall provide for the tendered equipment comprehensive warranty for parts as well as labour for a period of 36 months from the date of successful installation, commissioning and</p>	

<p>testing of the equipment at Purchasers site at no extra charges against any manufacturing defect/faulty workmanship. In case any defect arises during warranty period, the Contractor should replace/rectify the same at its own cost at site/works.</p> <p>During warranty, the Contractor shall provide the following for the tendered equipment :</p> <p>a)Annualy Preventive Maintenance (PM) visit during warranty for the tendered equipment.</p> <p>b)Emergency/breakdown visits as and when required. The Contractor shall indicate the minimum response time to attend to breakdowns.</p> <p>c)All expenses on the visit(s) of the Contractor engineer such as To and Fro travel costs, local transportation, boarding and lodging etc. during warranty shall be borne by the Contractor.</p>	
<p>7. Warranty Replacements:</p> <p>a)If in the opinion of the purchaser it becomes necessary to replace or repair any defective equipment during the warranty period, such replacement or repair shall be made by the Contractor free of all costs to the Purchaser provided the notice informing the Contractor of the defect is given by the Purchaser within a period of 38 months from the date of acceptance thereof.</p> <p>b)All replacement parts during the warranty period shall be supplied by the Contractor, free-of-cost on DDP (Delivery Duty paid) basis with</p>	

<p>freight and insurance upto Purchaser site at S.A.S. Nagar, Punjab and customs duty applicable in India to the Contractor account including compliance with the customs procedure in India. The indigenous replacement parts, if any, shall be supplied by the Contractor free of cost on F.O.R. Purchaser site at SAS Nagar, Punjab basis.</p> <p>All defective parts including the imported parts shall be returned by Purchaser to the Contractor, if requested, on Freight to pay basis.</p>	
<p>8. GUARANTEE & REPLACEMENT :</p> <p>a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.</p> <p>b) For a period of 36 months after the acceptance of the stores, if any defects are discovered therein or any defects therein found to have developed under proper use, arising from faulty stores design or workmanship, the Contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 38 months from the date of acceptance thereof by the purchaser who shall state in writing in what respect the stores or any part thereof are faulty.</p> <p>c) If, in the opinion of the purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal shall be made by the Contractor free of all costs to the purchaser, provided the notice informing the Contractor of the defect is given by the purchaser in this regard within the said period of 38 months from the date of</p>	

acceptance thereof.

d) Should the Contractor fail to rectify the defects, the purchaser shall have the right to reject or repair or replace at the cost of the Contractor the whole or any portion of the defective stores.

e) The decision of the purchaser notwithstanding any prior approval or acceptance or inspection thereof on behalf of the purchaser, as to whether or not the stores supplied by the Contractor are defective or any defect has developed within the said period of 36 months or as to whether the nature of the defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.

f) PERFORMANCE BANK GUARANTEE:

To fulfil guarantee conditions outlined in clause 8 (a) to (e) above, the Contractor shall furnish a Bank Guarantee (as per format given by purchaser) from any scheduled bank/ bank approved by the Purchaser for an amount equivalent to 10% of the value of the Contract and shall be valid for a period of 60 days beyond the expiry date of warranty period. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the Contractor without any interest.

g) All the replacement stores shall also be guaranteed for a period of 36 months from the date of arrival of the stores at purchasers site.

h) Even while the 36 months guarantee applies to all stores, in case where a greater period is called for by our specifications then such a specification shall apply in such cases the period of 38 months referred to in clause 8 (b) & (c) shall be the asked for guarantee period plus two

<p>months.</p>	
<p>9. TERMS OF PAYMENT IN CASE OF OVERSEAS SUPPLIER[S]:</p> <p>Being a Department of the Government of India, the normal terms of payment are by Sight Draft. However other terms of payment like establishment of Letter of Credit may be considered by the Purchaser on such terms and conditions as may be agreed upon. The payment shall be remitted as under:</p> <p>90% of the value shall be paid within 30 days of the receipt of the materials at purchaser site and the balance 10% amount shall be payable on successful installation, commissioning and acceptance of the entire project at Purchasers site against a Performance Bank Guarantee (refer clause no. 8(f)).</p> <p>All bank charges outside India related to the payment shall be borne by the Contractor and all bank charges in India shall be borne by the purchaser.</p> <p>All LC extension charges in the LC referred to above beyond the agreed upon delivery period or the amendments to be made in the LC for reasons attributable to the Contractor shall be to the Contractor account.</p> <p>In the event of the Contractor not being able to provide the Performance Bank Guarantee the payment of balance 10% amount shall be made after the expiry of the warranty period.</p>	

<p>Indian agent remuneration/service charge shall be payable by the Purchaser directly to the Indian agent in Indian Rupees based on T.T buying rate of exchange prevailing on the date of placement of purchase order within 30 days of acceptance of equipment at purchaser site.</p> <p>The Sight Draft/Letter of Credit will be operative on presentation of the under mentioned documents :</p> <p>a) Original Bill of Lading / Airway Bill</p> <p>b) Commercially certified invoices describing the stores delivered, quantity, unit rate and their total value, in triplicate. The invoice should indicate the discounts, if any, and Agency Commission separately.</p> <p>c) Packing List showing individual dimensions and weight of packages.</p> <p>d) Country of Origin Certificate in duplicate, wherever applicable.</p> <p>e) Test Certificate.</p> <p>f) Declaration by the Seller that the contents in each case are not less than those entered in the invoices and the quality of the Stores are guaranteed as per the specifications asked for by the Purchaser.</p> <p>g) Warrantee and guarantee Certificate/s as applicable.</p>	
<p>10. TERMS OF PAYMENT IN CASE OF INDIGENOUS SUPPLIER[S]:</p>	

<p>The payment shall be remitted as under:</p> <p>90% of the value shall be paid within 30 days of the receipt of the materials at purchaser site and the balance 10% amount shall be payable on successful installation, commissioning and acceptance of the entire project at Purchasers site against a Performance Bank Guarantee (refer clause no. 8(f).</p> <p>In the event of the Contractor not being able to provide the Performance Bank Guarantee the payment of balance 10% amount shall be made after the expiry of the warranty period.</p> <p>While the purchaser bank charges shall be borne by the purchaser, the contractor shall bear the bank charges payable to his banker including the charges towards advising/amendments/commissions etc.</p>	
<p>11. DEMURRAGE:</p> <p>Supplier shall bear demurrage charges, if any, incurred by the purchaser due to delayed presentation of shipping documents to the bankers within a reasonable time (say within 10-12 days) from the date of bill of lading for sea consignments and within 3-4 days from the date of Air Way Bill for air consignments.</p>	

<p>12. VALIDITY:</p> <p>The tender must be valid for a minimum period of 120 days from the date of opening of Technical bid and 90 days after opening of Price bid.</p> <p>The tender where the validity period is shorter than the period specified in the tender enquiry, shall be excluded from the procurement process.</p>	
<p>13. POST WARRANTY SERVICE/SUPPORT:</p> <p>The Contractor to quote for Post Warranty AMC charges per year for a period of 5 years separately for the tendered stores. The contractor shall provide the price lists for above as a separate Annexure in Commercial bid.</p>	
<p>14. SUPPLY OF SPARES AND CONSUMABLES:</p> <p>The contractor shall provide the list of recommended spares and consumables and quote for the separately The contractor shall provide the price lists for above as a separate Annexure in Commercial bid.</p>	

<p>15. GUARANTEED TIME DELIVERY :</p> <p>The time for and the date of delivery stipulated in the Purchase Order shall be deemed to be the essence of the Contract. Delivery must be completed within the date specified therein.</p>	
<p>16. MODE OF DESPATCH:</p> <p>Stores should be despatched through Indian Flagged Vessel / Air India or through any other Agency nominated by the purchaser whose contact details shall be indicated in the purchase order.</p>	
<p>17. PORT OF ENTRY:</p> <p>IGI Airport, New Delhi</p> <p>18. CONSIGNEE:</p> <p>Sr. Purchase & Stores Officer (Stores), Semi-Conductor Laboratory, Sector 72, S.A.S. Nagar (Mohali), Punjab,</p>	

India - 160 071

19. SHIPPING MARKS:

The mark on the shipping documents such as invoice, bill of lading and on the packages should be as follow:

PURCHASE ORDER NO.

DATED

GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

SEMI-CONDUCTOR LABORATORY

DESTINATION: SECTOR 72, S.A.S. NAGAR (MOHALI), PUNJAB, INDIA.

20. INSURANCE OF THE STORES:

Insurance wherever necessary, will be arranged by the Purchaser. The necessity or otherwise of insurance will be as indicated in the Purchase Order/Contract.

21. INSTALLATION AND COMMISSIONING :

Installation, commissioning and demonstration of performance of the tendered stores as per Purchaser tendered specifications shall be

<p>carried out by the Contractor at Purchaser site at S.A.S. Nagar, Punjab, India.</p> <p>The Contractor shall provide in advance guidelines for preparation of the installation site and list of items to be supplied by Purchaser during installation.</p> <p>On receipt of intimation from the Purchaser, the Contractor shall depute its engineer(s) to Purchaser site within two weeks to carry out installation and commissioning and will demonstrate the functionality of the tendered equipment to Purchaser specifications as per mutually agreed acceptance procedure. The Contractor shall be responsible for any loss/damages sustained due to delay on the part of the Contractor to send its engineer for installation and commissioning.</p> <p>Failure to commission the tendered equipment successfully shall entitle Purchaser to full refund of the payment made and the interest thereon. Decision regarding successful installation and commissioning shall rest solely with the Purchaser.</p>	
<p>22. REPLACEMENT :</p> <p>If the stores or any portion thereof is damaged or lost during transit, the Purchaser shall give notice to the Contractor setting forth particulars of such stores damaged or lost during transit. The replacement of such stores shall be effected by the Contractor within a reasonable time to avoid unnecessary delay in the intended usage of the Stores. In case the purchaser agrees, the price towards</p>	

<p>replacement items shall be paid by the purchaser on the basis of original price quoted in the tender or as reasonably worked out from the tender.</p>	
<p>23. REJECTION:</p> <p>In the event that any of the stores supplied by the Contractor is found defective in material or workmanship or otherwise not in conformity with the requirements of the Contract specifications, the purchaser shall either reject the stores or request the Contractor, in writing, to rectify the same. The Contractor, on receipt of such notification, shall either rectify or replace the defective stores free of cost to the purchaser. If the Contractor fails to do so, the purchaser may at his option either :</p> <ul style="list-style-type: none">a) replace or rectify such defective stores and recover the extra cost so involved from the Contractor, orb) terminate the Contract for default as provided under clause 39, orc) acquire the defective stores at a reduced price considered equitable under the circumstances. The provision of this article shall not prejudice the Purchaser's rights under clause 26.	

<p>24. EXTENSION OF TIME :</p> <p>If the completion of supply of stores is delayed due to reason of force majeure such as acts of god, acts of public enemy, acts of Government, fires, floods, epidemics, quarantine restriction, strikes, freight embargoes, etc., the Contractor shall give notice within 15 days to the purchaser in writing of his claim for an extension of time. The purchaser on receipt of such notice after verification, if necessary, may agree to extend the Contract delivery date as may be reasonable but without prejudice to other terms and conditions of the Contract.</p>	
<p>25. TRAINING:</p> <p>For the tendered equipment, the Contractor to provide comprehensive in house training to Purchaser engineers (at least 4 numbers) on system operation, maintenance, application software and related applications for an appropriate period during installation and commissioning at no extra cost to the Purchaser. The training should be extensive enough so that quick diagnosis of problems and remedial actions is possible at Purchaser site.</p>	
<p>26. DELAY IN COMPLETION/LIQUIDATED DAMAGES:</p> <p>If the Contractor fails to deliver the stores within the time specified in the Contract or any extension thereof, the purchaser shall recover</p>	

<p>from the Contractor as liquidated damages a sum of one-half of one percent (0.5 percent) of the Contract price of the undelivered stores for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10 percent) of the Contract price of the unit or units so delayed. Stores will be deemed to have been delivered only when all their component parts are also delivered. If certain components are not delivered in time, the stores will be considered as delayed until such time as the missing parts are delivered. Delivery of stores shall be complete on Installation, commissioning, Testing and Acceptance.</p>	
<p>27. INSPECTION AND ACCEPTANCE TEST:</p> <p>The Purchasers representatives shall also be entitled at all reasonable times during manufacture to inspect, examine and test on the Contractors premises the material and workmanship of all stores to be supplied under this Contract and if part of the said stores is being manufactured on other premises, the Contractor shall obtain for the purchasers representative permission to inspect, examine and test as if the equipment were being manufactured on the Contractors premises.</p> <p>Such inspection, examination and testing shall not release the Contractor from the obligations under this Contract.</p> <p>For tests on the premises of the Contractor or of any of his sub-Contractors, the Contractor shall provide free of cost assistance, labour, material, electricity, fuel and instruments as may be required or as may be reasonably needed by the purchasers representative to</p>	

<p>carry out the tests efficiently.</p> <p>When the stores have passed the specified test, the purchaser representative shall furnish a certificate to the effect in writing to the Contractor. The Contractor shall provide copies of the test/s certificates to the purchaser as may be required.</p> <p>28. ADDRESS OF INDIAN AGENT:, if any:</p>	
<p>29. RECOVERY OF SUM DUE:</p> <p>Whenever any claim for the payment of, whether liquidated or not, money arising out of or under this Contract against the Contractor, the purchaser shall be entitled to recover such sum by appropriating in part or whole, the security deposited by the Contractor, if a security is taken against the Contract. In the event of the security being insufficient or if no security has been taken from the Contractor, then the balance or the total sum recoverable as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due to the Contractor under this or any other Contract with the purchaser. Should this sum be not sufficient to cover the full amount recoverable, the Contractor shall pay to the purchaser on demand the remaining balance due. Similarly, if the purchaser has or makes any claim, whether liquidated or not, against the Contractor</p>	

<p>under any other Contract with the purchaser, the payment of all moneys payable under the Contract to the Contractor including the security deposit shall be withheld till such claims of the purchaser are finally adjudicated upon and paid by the Contractor.</p>	
<p>30. REQUIREMENT OF ADDITIONAL NUMBERS OF THE STORES/SPARE PARTS ORDERED:</p> <p>The Contractor shall also undertake the supply of additional number of items covered by the order as considered necessary by the purchaser at a later date, the actual price to be paid shall be mutually agreed to after negotiations.</p> <p>31. PACKING:</p> <p>a) The Contractor wherever applicable shall pack and crate all stores for sea /air/road shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with internationally accepted export practices and in such a manner so as to protect it from damage and deterioration in transit by road, rail, air or sea. The Contractor shall be held responsible for all damages due to improper packing.</p> <p>b) The Contractor shall ensure that each box / unit of shipment is legible and properly marked for correct identification. The failure to comply with this requirement shall make the Contractor liable for</p>	

<p>additional expenses involved.</p> <p>c) The Contractor shall notify the purchaser of the date of shipment from the port of embarkation as well as the expected date of arrival of such shipment at the designated port of arrival.</p> <p>d) The Contractor shall give complete shipment information concerning the weight, size, content of each packages, etc.</p> <p>e) Trans-shipment of equipment shall not be permitted except with the written permission of the purchaser.</p> <p>f) Apart from the despatch documents negotiated through Bank, the following documents shall also be airtailed to the purchaser within 7 days from the date of shipment by sea and within 3 days in case of air-consignments:</p> <p>i) Commercial Bill of Lading / Air Way Bill / Post parcel Receipt. (Two non-negotiable copies)</p> <p>ii) Invoice (3 copies)</p> <p>iii) Packing List (3 copies)</p> <p>iv) Test Certificate (3 copies)</p> <p>v) Certificate of Origin, wherever applicable.</p> <p>The Contractor shall also ensure that one copy of the packing list is enclosed in each case.</p>	
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<p>32. ARBITRATION:</p> <p>If at any time any question, dispute or difference whatsoever shall arise between the purchaser and the Contractor upon or in connection with this Contract, either party may forthwith give to the other notice in writing of the existence of such question, dispute or difference and the same shall be referred to the adjudication of two arbitrators, one to be nominated by purchaser, other by a Contractor and in the event of any difference of opinion, the arbitrators will refer the matter to the umpire. The arbitration shall be conducted in accordance with the rules and procedure for arbitration of the International Chamber of Commerce at Paris. The expenses of the arbitrators and umpire shall be paid as may be determined by them. However, the venue of such arbitration should be in India.</p> <p>In case of dispute arises with domestic/Indian suppliers, the applicable Arbitration procedure shall be as per Indian Arbitration & Conciliation Act, 1996.</p> <p>33. LANGUAGE AND MEASURES:</p> <p>All documents pertaining to the Contract including specification, schedule, notice, correspondence, operating and maintenance instructions, drawings or any other writings shall be written in English language. The metric system of measurement shall be used exclusively in the Contract.</p>	

<p>34. TECHNICAL DOCUMENTATION:</p> <p>The Contractor shall provide installation, operation maintenance and programming manual. All documentation shall be in English language.</p>	
<p>35. SECURITY INTEREST:</p> <p>On each item to be delivered under this Contract, including an item of work in progress in respect of which payments have been made in accordance with the terms of the Contract, purchaser shall have a security interest in such items which shall be deemed to be released only at the time when the applicable deliverable item is finally accepted and delivered to the purchaser in accordance with the terms of the Contract. Such security interest of the purchaser shall constitute a prior charge as against any other charge or interest created in respect of such items by any entity.</p> <p>36. APPLICABLE LAW:</p> <p>The Contract shall be interpreted, construed and governed by the laws of India.</p>	

<p>37.INDEMNITY:</p> <p>The Contractor shall warrant and be deemed to have warranted that all Stores supplied against this Contract are free and clean of infringement of any patent, copyright or trade mark and shall at all times indemnify the purchaser against all claims which may be made in respect of stores for infringement of any right protected by Patent, Registration of design or Trade Mark and shall take all risk of accident or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfilment of the Contract.</p> <p>38. COUNTER TERMS AND CONDITIONS OF SUPPLIERS:</p> <p>Where counter terms and conditions/printed or cyclostyled conditions have been offered by the supplier, the same shall not be deemed to have been accepted by the purchaser unless specific written acceptance thereof is obtained.</p>	
<p>39. CONTRACTORS DEFAULT LIABILITY:</p> <p>The purchaser may upon written notice of default to the Contractor terminate the Contract in whole or in part in circumstances detailed hereunder:</p> <p>a) If in the judgement of the Purchaser the Contractor fails to make delivery of Stores within the time specified in the</p>	

<p>Contract/agreement or within the period for which extension has been granted by the Purchaser to the Contractor.</p> <p>b) If in the judgment of the Purchaser the Contractor fails to comply with any of the other provisions of this Contract.</p>	
<p>40. In the event the Purchaser terminates the Contract in whole or in part as provided in Clause 39 the Purchaser reserves the right to Purchase, upon such terms and in such a manner as he may deem appropriate, stores similar to that terminated and the Contractor shall be liable to the Purchaser for any additional costs for such similar stores and/or for liquidated damages for delay as defined in Clause 26 until such reasonable time as may be required for the final supply of stores.</p> <p>A) If this Contract is terminated as provided in Clause 39 the Purchaser in addition to any other rights provided in this Article, may require the Contractor to transfer title and deliver to the Purchaser under any of the following clauses in the manner and as directed by the Purchaser:</p> <p>a) Any completed stores.</p> <p>b) Such partially completed stores,</p> <p>drawing, information and Contract rights (hereinafter called manufacturing material) as the Contractor has specifically produced or acquired for the performance of the Contract as terminated. The</p>	

Purchaser shall pay to the Contractor the Contract price for completed stores delivered to and accepted, by the purchaser and for manufacturing material delivered and accepted.

B) In the event the Purchaser does not terminate the Contract as provided in Clause 39, the Contractor shall continue the performance of the Contract in which case he shall be liable to the purchaser for liquidated damages for delay as set out in Clause 26 until the stores are accepted.

41. ERECTION OF PLANT & MACHINERY: Wherever erection of a plant or machinery is the responsibility of the Contractor as per the terms of the Contract and in case the Contractor fails to carry out the erection as and when called upon to do so within the period specified by the purchaser, the purchaser shall have the right to get the erection done through any source of his choice. In such an event, the Contractor shall be liable to bear any additional expenditure that the purchaser is liable to incur towards erection. The Contractor shall, however, not be entitled to any gain due to such an action by the purchaser.

42. Any Other Term:

Supporting Documents from Vendor

Attachment - I:

Attachment - II:

Price Bid Form

Item Description	Slab Range	Qty	UOM	Currency	Unit Price	Total Price
Relay Server Specifications as per Tender Document	-	2	No.	-	-	-
Proxy Server Specifications as per Tender Document	-	1	No.	-	-	-
Mail Server Specifications as per Tender Document	-	2	No.	-	-	-
Archive Server Specifications as per Tender	-	1	No.	-	-	-

Document						
Gateway e-mail Security Appliance Specifications as per Tender Document	-	2	No.	-	-	-
Storage Specifications as per Tender Document	-	1	No.	-	-	-
Mail Messaging Software 400 User License Specifications as per Tender Document	-	400	No.	-	-	-
Operating Software and Anti Virus / Spam Software Specifications as per Tender Document	-	6	No.	-	-	-
Rack with KVM Switch , Console and Keyboard:Specific	-	1	No.	-	-	-

ations as per Tender Document						
Wire 3 Core, 1.5 Sqmm, Multistranded Copper, FRLS PVC Insulated, ISI Marked	-	1000	MTR	-	-	-
Power Socket 3 Pin 5/6 amp modular sockets with modular switch along with GI Box (125mm x 75mm), 4 module base and cover plate.	-	50	No.	-	-	-
Installation, Testing and Commissioning Charges of Mail Messaging Solution Specifications as per Tender Document	-	1	No.	-	-	-

Break-up of other taxes and other costs should be specified in respective narration columns.

Sum of these Break-up values should be specified in respective value columns.