HLL Lifecare Limited
(A Government of India Enterprise)

एचएलएल लाइफ़केयर लिमिटेड
(भारत सरकार का उद्यम)

Request for Proposal
for
Annual Maintenance Contract (AMC)
for Servers

e-Tendering

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HLL LIFECARE LIMITED
(A Government of India Enterprise)
Corporate and Registered, Poojappura.P.O,
Thiruvananthapuram – 695012, Kerala, India
Phone: 0471- 2354949, 2775601

NOTICE INVITING TENDER (NIT)

IFB No: HLL/CHO/IT/AMC/2023   **17-02-2023**

To,

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Dear Sir,

HLL Lifecare Limited (HLL) a Govt. of India Enterprise under the Ministry of Health and Family Welfare invites proposals for **Annual Maintenance Contract for Servers**. More details are provided in the Schedule of Requirements.

Bid documents can be downloaded free of cost from the Government e-procurement portal (URL: https://etenders.gov.in/eprocure/app). All Corrigendum/extension regarding this e-tender shall be uploaded on this portal i.e. https://etenders.gov.in/eprocure/appand shall not be available elsewhere.

You are requested to go through the document carefully and submit your proposals as per the instructions and guidelines given in the tender document.

Yours sincerely,

Associate Vice President (IT),
HLL Lifecare Limited, Corporate and Registered office,
HLL Bhavan, Poojappura P.O,
Thiruvananthapuram, Kerala -695012
Phone No: – 0471-2775500, 2354949.

Important Information

SI No	Particulars	Description
1	Tender Inviting Authority	HLL Lifecare Limited
2	Office Address	HLL Lifecare Limited Corporate and Registered Office HLL Bhavan, Poojappura P.O Thiruvananthapuram, Kerala 695012
3	RFP/ Bid Number	HLL/CHO/IT/AMC/2023
4	Name of work	Annual Maintenance Contract for Servers.
5	Bid Security/EMD	Rs.10,000/- (Rs. Ten Thousand only) (Note: In case of MSE or Start-up who are eligible for EMD exemption should provide a Bid Security Declaration is to be attached in the format given in the tender).
6	Period of AMC	01.04.2023 to 31.03.2024
9	Last date and time for online submission of bids	09th March 2023 at 15:00 hrs.
10	Date and time of opening of e-tender	10th March 2023 at 15:30 hrs.
11	HLL A/c details for payment of EMD (Payment mode: NEFT/RTGS)	Name of Bank : State Bank of India A/c number : 10183256222 IFSC Code : SBIN0004350 Branch name : Commercial Branch, Thiruvananthapuram

Disclaimer

The information contained in this document is confidential in nature. The bidders shall not share this information with any other party not connected with responding to this Tender Document. All information contained in this Request for Proposal (RFP) provided / clarified are in good interest and faith. This is not an agreement and is not an offer or invitation to enter into an agreement of any kind with any party.

The information contained in this Tender Document or subsequently provided to Bidder(s) whether verbally or in writing by or on behalf of HLL Lifecare Limited (HLL) shall be subject to the terms and conditions set out in this Tender Document and any other terms and conditions subject to which such information is provided.

Though adequate care has been taken in the preparation of this RFP document, the interested firms shall satisfy themselves that the document is complete in all respects. The information is not intended to be exhaustive. Interested Bidders are required to make their own enquiries and assumptions wherever required. Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the RFP document is complete in all respects and firms submitting their bids are satisfied that the RFP document is complete in all respects.

If a bidder needs more information than what has been provided, the potential bidder is solely responsible to seek the information required from HLL. HLL reserves the right to provide such additional information at its sole discretion. In order to respond to the Bid, if required, and with the prior permission of HLL, each bidder may conduct his own study and analysis, as may be necessary.

HLL Lifecare limited (HLL), Thiruvananthapuram reserves the right to reject any or all of the applications submitted in response to this RFP document at any stage without assigning any reasons whatsoever. HLL also reserves the right to withhold or withdraw the process at any stage with intimation to all who submitted the RFP Application. HLL reserves the right to change/modify/amend any or all of the provisions of this RFP document. Such changes would be posted on the e-portal of

Central Public Procurement Portal of Government of India i.e. https://etenders.gov.in/eprocure/app

Neither HLL nor their employees and associates will have any liability to any prospective respondent interested to apply or any other person under the law of contract, to the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this RFP document, any matter deemed to form part of this RFP document, the award of the Assignment, the information and any other information supplied by or on behalf of HLL or their employees and Bidder or otherwise arising in any way from the selection process for the Assignment.

Part – I

General Instructions to Bidders

General Instructions to Bidders

1. This tender is an e-Tender and is being published online in Government e-Procurement portal, https://etenders.gov.in/eprocure/app

2. Bid documents including the Bill of Quantities (BoQ) can be downloaded free of cost from the Central Public Procurement Portal of Government of India (e-portal). All Corrigendum/extension regarding this e-tender shall be uploaded on this website i.e. https://etenders.gov.in/eprocure/app.

3. The tendering process is done online only at Government eProcurement portal (URL address: https://etenders.gov.in/eprocure/app). Aspiring bidders may download and go through the tender document.

4. All bid documents are to be submitted online only and in the designated cover(s)/envelope(s) on the Government eProcurement website. Tenders/bids shall be accepted only through online mode on the Government eProcurement website and no manual submission of the same shall be entertained. Late tenders will not be accepted.

5. The complete bidding process is online. Bidders should be in possession of valid Digital Signature Certificate (DSC) of class II or above for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. If the envelope is not digitally signed & encrypted the Purchaser shall not accept such open Bids for evaluation purpose and shall be treated as non-responsive and rejected.

6. Bidders are advised to go through "Bidder Manual Kit", "System Settings" & "FAQ" links available on the login page of the e-Tender portal for guidelines, procedures & system requirements. In case of any technical difficulty, Bidders may contact the help desk numbers & email ids mentioned at the e-tender portal.

7. Bidders are advised to visit CPPP website https://etenders.gov.in regularly to keep themselves updated, for any changes/modifications/any corrigendum in the Tender Enquiry Document.

8. The bidders are required to submit soft copies of their bids 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, prepare their bids in accordance with the requirements and submitting their bids online on the Government eProcurement Portal.

8.1 Registration

a) Bidders are required to register in the Government e-procurement portal, obtain 'Login ID' & 'Password' and go through the instructions available in the Home page after log in to the CPP Portal (URL: https://etenders.gov.in/eprocure/app), by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.

b) As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.

c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

d) They should also obtain Digital Signature Certificate (DSC) in parallel which is essentially required for submission of their application. The process normally takes 03 days' time. The bidders are required to have class-2 digital certificate or above with both signing and encryption from the authorized digital signature Issuance Company. Please refer online portal i.e. - https://etenders.gov.in/eprocure/app for more details.

e) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or above Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify /nCode / eMudhra etc.), with their profile.

f) Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.

g) The Bidder intending to participate in the bid is required to register in the e-tenders portal using his/her Login ID and attach his/her valid Digital Signature Certificate (DSC) to his/her unique Login ID. He/She has to submit the relevant information as asked for about the firm/contractor. The bidders, who submit their bids for this tender after digitally signing using their Digital Signature Certificate (DSC), accept that they have clearly understood and agreed the terms and conditions including all the Forms/Annexure of this tender.

h) Only those bidders having a valid and active registration, on the date of bid submission, shall submit bids online on the e-procurement portal.

i) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

j) Ineligible bidder or bidders who do not possess valid & active registration, on the date of bid submission, are strictly advised to refrain themselves from participating in this tender.

8.2 Searching for Tender Documents

a) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Form of Contract, Location, Date, Value etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization

b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/ e-mail in case there is any corrigendum issued to the tender document.

c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

8.3 Preparation of Bids

a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.

b) Please go through the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

c) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR /DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or ''Other Important Documents'' area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

e) Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

9. More information useful for submitting online bids on the CPP Portal may be obtained at https://etenders.gov.in/eprocure/app

10. Tenderer are required to upload the digitally signed file of scanned documents. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. Uploading application in location

other than specified above shall not be considered. Hard copy of application shall not be entertained.

11. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The 24x7 Help Desk details are as below: -

For any technical related queries please call at 24 x 7 Help Desk Number:

0120-4001 062, 0120-4001 002, 0120-4001 005, 0120-6277 787

Note:- International Bidders are requested to prefix +91 as country code

E-Mail Support: For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority

Technical - support-eproc@nic.in, Policy Related - cppp-doe@nic.in

12. Bidders are requested to kindly mention the URL of the portal and Tender ID in the subject while emailing any issue along with the contact details.

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender. Address for communication and place of opening of bids:

> **Associate Vice President (IT),**
> HLL Lifecare Limited, Corporate and Registered office,
> HLL Bhavan, Poojappura P.O,
> Thiruvananthapuram, Kerala -695012
> Phone No: – 0471- 2354949, 2775500.
> Email address: sivakumar@lifecarehll.com

13. The bids shall be opened online at the **Office of the Associate Vice President (IT)**. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be done on the next working day at same time and place.

14. More details can be had from the Office of the **Associate Vice President (IT)** during working hours. HLL shall not be responsible for any failure, malfunction or

breakdown of the electronic system while downloading or uploading the documents by the Bidder during the e-procurement process.

15. A bidder shall submit only one bid in the same bidding process. A Bidder who submits or participates in more than one bid will cause all the proposals in which the Bidder has participated to be disqualified.

16. Joint ventures or Consortiums of bidders are not permitted.

17. Online Tender process

The tender process shall consist of following stages:

i.   Downloading of tender document: Tender document will be available for free download on Government e-procurement portal (URL: https://etenders.gov.in/eprocure/app).

ii. Publishing of Corrigendum: All corrigenda shall be published on Government e-procurement portal (URL: https://etenders.gov.in/eprocure/app) and shall not be available elsewhere.

iii. Bid submission: Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this tender document on Government e-procurement portal. No manual submission of bid is allowed and manual bids shall not be accepted under any circumstances.

18. HLL Lifecare Limited does not bind themselves to accept the lowest or any bid or to give any reasons for their decisions which shall be final and binding on the bidders.

19. HLL Lifecare Limited reserves to themselves the right of accepting the whole or any part of the tender and bidder shall be bound to perform the same at his quoted rates.

20. In case, it is found during the evaluation or at any time before signing of the contract or after its execution and during the period of subsistence thereof, that one or more of the eligibility conditions have not been met by the bidder or the

applicant has made material misrepresentation or has given any materially incorrect or false information, appropriate legal/penal etc., action shall be taken by HLL Lifecare Limited including but not limited to forfeiture of EMD, Security Deposit etc., as deemed fit by HLL Lifecare Limited.

21. Conditional bids and bids not uploaded with appropriate/desired documents may be rejected out rightly and decision of HLL Lifecare Limited in this regard shall be final and binding.

22. The bidder should comply all statutory obligation in force and amended from time to time and HLL Lifecare Limited will not be held responsible in any manner whatsoever for any non-compliance of statutory obligations by the bidder.

23. HLL Lifecare Limited Ltd. reserves the right to verify the claims made by the bidders and to carry out the capability assessment of the bidders and the HLL Lifecare Limited's decision shall be final in this regard.

24. Submission Process:

For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their bid online on Government e-procurement portal (URL: https://etenders.gov.in/eprocure/app)

Note:- It is necessary to click on "Freeze bid" link/ icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.

25 Bid Security (EMD)

25.1 The bidder shall furnish, as part of his bid, a bid security worth **Rs. 10,000/-** (Rupees Ten Thousand only) inclusive of all taxes as per the tender conditions shall be paid separately, through RTGS/NEFT transfer in the following HLL A/c details:

Name of Bank : State Bank of India

A/c number : 10183256222

IFSC Code : SBIN0004350

Branch name : Commercial Branch, Thiruvananthapuram

Document of the above transactions completed successfully by the bidder, shall be uploaded separately while submitting the bids.

25.2. The bid security of the unsuccessful bidder will be discharged/returned as promptly as possible as but not later than 30 days from the date of the bid opening.

25.3 The successful bidder's bid security will be discharged upon the bidder's acceptance of the Work Order and Security Deposit

25.4 The bid security may be forfeited:-

   (a) If the bidder withdraws his bid during the period of bid validity specified by the bidder in the bid or
   (b) In the case of successful bidder, if the bidder fails to accept the work order.

25.5. No interest shall be paid for the deposit.

25.6. The bid without bid security will be treated as Non-responsive.

25.7. Submission of Bid Security is exempted for the MSME registered bidder for which the bidder should submit the necessary valid documents like NSIC certificate / UAM (Udyog Aadhar Memorandum) number only.

26 **Security Deposit**

The successful bidder shall furnish Security Deposit equivalent to **10%** of the total value of Work Order in the form of Bank guarantee (BG), issued by a Nationalized/Scheduled Bank valid up to entire AMC period. Security Deposit shall be submitted within 10 days of the award of the Work Order. The security deposit shall be released after successful completion of AMC. However HLL has the right to revoke the security deposit in the case of breach of contract.

Part – II

General Conditions of Contract

General Conditions of Contract

General conditions of contract are broad guidelines to be followed while formulating the bid and its submission to the Purchaser. It also describes the methodology for opening and evaluation of bids and consequent award of contract.

1. The respective bidder should have minimum 3 years experience in supply, installation and maintenance of servers. For this, the bidder can submit the documentary evidence of the following along with the bid.
   - (i) The copies of Supply / work orders for the similar kind of items for the past three years or
   - (ii) Certificate from at least three clients for the similar works done.

2. The bidder should have service support centers or authorized service centers /partners in Thiruvananthapuram and / or Belgaum / Bengaluru. The details may please be furnished in the bid.

3. The bidder should have not been blacklisted by and state/central Government organizations/firms/institutions for which the self-certificate stating that the bidder has not been blacklisted by any institution of the Central/state Government in past three years may please be submitted.

4. The prices should be quoted as per the format for price schedule **.** Prices should be given separately for each item.

5. The prices quoted shall be valid for a period of **90** (Ninety) days from the date of opening of bids.

6. In the price schedule, if there is any discrepancy between the unit price and total price the unit price shall prevail and the total price shall be corrected by the purchaser.

7. The bids will be evaluated by taking the total amount quoted for all the items together.

8. The Purchaser shall consider the placement of Purchase / Work orders for AMC only on the first lowest responsive bidder. The purchaser has the right to place single or multiple Purchase / Work Orders on the successful bidder based on the discretion of the purchaser.

   - (i) One preventive maintenance check should be done in every quarter on prior permission from the IT Department of the unit concerned.

   - (ii) Breakdown calls (Onsite) should be attended within 1 to 2 hours (8 – 12 hours for HLLKFB) of intimation. Breakdown calls should be attended on

holidays and after office hours also in case of emergency without any additional charges.

(iii)   All the defective parts should be replaced without any additional cost.

(iv)   If any defective parts cannot be serviced at HLL site, those items can be taken to the contractor's site by providing the standby item, which is technically equivalent or higher to the defective item.

(v)   All the preventive / breakdown calls should be recorded in the logbook available at respective HLL units. The reports should be submitted at HLLCHO.

(vi)   We may shift some of the equipment to some other department / location within Thiruvananthapuram if required. In this case necessary assistance should be provided at no extra cost. This should not affect the terms and conditions of AMC.

(vii)   Software support should be provided by the contractor if necessary without any additional charges.

(viii)   HLL may upgrade or replace some of the items based on need. This will, however, should not affect the terms and conditions of AMC.

(ix)   The contractor shall ensure that the equipment is in good working condition and is with full configuration while handing over at the end of the AMC.

Special Conditions of the contract :

As the servers mentioned in the list under the serial numbers 3,4,12,14 and 18 at Corporate and Registered Office, Poojappura, Thiruvananthapuram are very critical which are associated with SAP application, the direct support from OEM is required for these servers. Hence the back to back service agreement with the concerned OEM should be submitted within 20 days from the date of placement of Work Order for ensuring the prompt support from OEM during the break down.

9. **Penalty for Downtime :**

The defective item shall be repaired / replaced within 2 days upon registering the complaint by Email/Telephone. In case the contractor fails to meet the above, penalty will be calculated as follows:

    a) If a standby item with equal or higher specifications is not provided beyond 2 days and before 5 days from the receipt of complaint, the penalty shall be 5 % per day of the total charges of the AMC of the item concerned.

b) If a standby item with equal or higher specifications is not provided beyond 5 days, the penalty shall be 10% per day of the total charges of the AMC of the item concerned.

c) In the event of a standby item with equal or higher specifications is provided, no penalty shall be levied for a period of 10 days from the date of complaint. In case, the system is not returned duly rectifying the fault within 10 days, the penalty shall be 5 % per day of the total charges of the AMC of the item concerned.

The penalty charges shall be deducted while releasing the payment for the respective quarter or from the security deposit.

10. **Payment Terms**

Payment will be released after the successful completion of the contractual obligation of the relevant 3 months period.   For claiming the payment the following documents are to be submitted.

- (i)   Three copies of Invoice.
- (ii)   Reports on the preventive maintenance carried out during the Period.
- (iii)   Monthly report on the break down maintenance carried out during the period.
- (iv)   Consolidated Service report during the quarter duly signed by concerned person of HLL and Service engineer of contractor

11. The bidder who requires any clarification on the tender shall notify the undersigned through e-Mail at sivakumar@lifecarehll.com. However no post bid clarification shall be entertained.

12. By submitting the bid it is presumed that the bidder has verified the tender Documents and technical specification of the items in details and has quoted the tender rate accordingly.

13. No bidder shall try to influence the Purchaser on any matter relating to its bid, from the time of the bid opening till the time the Purchase order is placed.

14. Bids should be clear in all respects and those with ambiguous and conditional clauses shall be rejected.

15. **Termination of Contract**

If the purchaser is not satisfied with the performance of the contract during AMC, the contract will be terminated during its currency after giving 1(One) month prior notice to the contractor. The payment towards the AMC shall be paid on pro rata basis till the date of termination of AMC services after realizing the penalty if any as per the terms and conditions. The security deposit will also be revoked as per the discretion of the purchaser

16. The AMC period may be extended at the same terms and conditions after the period of one year at the discretion of HLL.

17. The necessary software CD/DVDs s shall be provided by HLL.

18. HLL has the right to increase or decrease up to 20% of the quantity specified in the schedule of requirements without any change in the unit price or other terms and conditions at the time of award of work order/contract as well as during the period of contract.

19. HLL shall not be liable for the delay in submission of bids after the due date specified above due to any reason including postal delay. Late bids will be summarily rejected.

20. No fax and email bids are accepted.

21. Consideration of MSME shall be based on furnishing of valid UAM (Udyog Aadhar Memorandum) number and copy of relevant document along with the bid only.

22. Any dispute arising out of the tender/bid document/ evaluation of bids/issue of purchase order shall be subject to the jurisdiction of the competent court at Thiruvananthapuram only.

Part – III

Schedule of Requirement

Annexure-1

	Corporate and Registered Office, Poojappura (CHO), Thiruvananthapuram		
Sl. No.	Technical Specification	*Qty in Nos.*	Sl. No.
1	**Dell E11S Server** -Type: E11001 Intel Dual core CPU 2.5GHz, 4GB RAM,1.5 TB HDD, Keyboard, Mouse & Monitor, Windows 2003 Server.	1	DLX36BS
2	**IBM X 3620 M3 Rack Mountable Server** 2 x Intel Xeon E5507(Nahalam 2.26 GHz) Processor, 36 GB DDR3 RAM @1333 MHz, 3 x 300 GB SAS, RAID0,1 Redundant hot swappable power supplies, 4 No's of Gigabit Ethernet ports, DVD Writer, 104 keys Keyboard, Optical Mouse, 18.5" inch AOC TFT Digital Color Monitor Operating System: SUSE Linux Enterprise 10.x standard 64 bit	1	99A0163
3	**IBM X 3620 M3 Rack Mount Server**: Intel Xeon E5630 (Westmere 2.53 GHz) Processor, 18 GB DDR3 (1333 MHz) RAM, 2 x 300 GB SAS , Redundant hot swappable power supplies, RAID 0, 1 support, 4 Nos of Gigabit Ethernet ports, Redundant fan, DVD Writer, Keyboard, Optical Mouse, 18.5" inch AOC TFT Digital Color Monitor, Operating System: SUSE Linux Enterprise 10.x standard 64 bit	1	99A0417
4	**IBM X 3650 M3 Rack Mount Server**: Intel Xeon E5630 (Westmere 2.53 GHz) Processor, 20 GB DDR3 (1333 MHz) RAM, 2 x 300 GB SAS , Redundant hot swappable power supplies, RAID 0, 1 support, 4 Nos of Gigabit Ethernet ports, Redundant fan, DVD Writer, Keyboard, Optical Mouse, 18.5" inch AOC TFT Digital Color Monitor, Operating System: SUSE Linux Enterprise 10.x standard 64 bit	1	99K3758
5	**IBM 3850X5 Server:** Intel Xeon 6 core Rack mountable 4 U Server Intel(R) Xeon(R) CPU E7- 4807 @ 1.87GHz Processor, 16 GB RAM, 3x300GB SAS HDD IBM Server RAID M5014 SCSI Disk Device (RAID), Broadcom BCM5709C NetXtreme II GigE Network card, MS Windows Server 2008 R2 Enterprise 64-bit SP1OS	1	99B1616
6	**IBM 3850X5 Server:** Intel Xeon 6 core Rack mountable 4 U Server Intel(R) Xeon(R) CPU E7- 4807 @ 1.87GHz Processor, 16 GB RAM, 3x300GB SAS HDD IBM Server RAID M5014 SCSI Disk Device (RAID), Broadcom BCM5709C NetXtreme II GigE Network card, MS Windows Server 2008 R2 Enterprise 64-bit SP1OS	1	06F0609

7	**IBM 3500 M3 Server**: (Tower FF) Intel(R) Xeon(R) CPU E5606 @ 2.13GHz Processor, 6 GB RAM, 300GB IBM ServeRAID M5014 SCSI Disk Device (RAID), IBM SATA DEVICE 81Y3659 ATA Device, Broadcom BCM5709C NetXtreme II GigE Network card, MS Windows Server 2008 R2 Standard 64-bit OS	1	99B0040
8	**Acer Altos G510** Intel Xeon Dual Processor Server, with Dual Xeon Processor @2.4 GHz – 533 MHz FSB, 4 GB PC2100 registered DDR SDRAM ECC, 3x36 GB Ultra 320 SCSI 10K RPM SCSI controller, Ultra 320 SCSI RAID controller with 64 MB Cache (320 Mbps, Operating System: Linux Advanced server version, HP 24 GB Dat Drive	1	AWG5100029 32463881E
9	**HCL Infinity Server** P4 @2.5 GHz, 2 GB PC 1600 RAM with ECC, DVD Drive, 3x36 GB SCSI HDD, 1.44 Mb FDD, CD Writer, 10/100/1000 ENC, Win 2000 Server OS	1	CO33A112 3615
10	**IBM Server 884035A-x 346 Rack Mountable – 2U** :Intel Xeon EM64T, 3.4 GHz, Two Processors, 16 GB PC2 - 3200 ECC DDR2 SDRAM, Dual Channel Ultra 320 SCSI with 128 MB Cache, Support RAID level 5, 2 x 73.4 GB Hot Swap U320 10K SCSI SSL Drive, 2 x146.8 GB Hot-Swap U320 10K SCSI SSL Drive, Integrated Dual 10/100/1000 Ethernet, IBM x Series 625 W Hot-Swap Power Supply, Combo Drive	1	99DBBA4
11	**IBM Server 884035A-x 346 Rack Mountable – 2U** : Intel Xeon EM64T, 3.4 GHz, Two Processors, 4 x 1 GB PC2 - 3200 ECC DDR2 SDRAM, Dual Channel Ultra 320 SCSI with 128 MB Cache, IBM Server RAID 7k Adapter 2 x73.4 GB Hot Swap U320 10K SCSI SSL Drive Integrated Dual 10/100/1000 Ethernet with additional Gigabit Ethernet Card,Hot-Swap Power Supply, rack mount kit, Combo Drive OS: Red Hat Linux OS	1	99DBBA6
12	**IBM – 88555RX – X455 (RACK Mountable Server) :-** Intel Itanium 2 processor at up to 1.6 GHz, : 2 processors, 8 GB PC 3200 ECC RAM Dual Channel Ultra 320 SCSI RAID Controller ,2 x 146.8 GB Hot Swap U320 10K SCSI SSL Drive, Integrated Dual 10/100/1000 Ethernet with additional Gigabit Ethernet card, Fibre Adapter Card: FC2-133 Host Bus Adapter, Power supplies, cooling fans, Red Hat Linux	2	99TD008 & 99TD009
13	**IBM X3550 M4 Server :-** 2 x Intel Xeon 6C E5-2620 95W 2.0GHz with dual 8GT/s QPI Link and 15MB LLC, scalable to 2 CPUs/Memory: 40 GB DDR3 1333 MHz DDR3 registered memory, Chipset Intel C604/HDD Controller:SAS/SATA RAID controller with support for RAID 0/1/10/5/50. Online Capacity Expansion, Online RAID Level Migration & Global and dedicated/Hot Spare with Revertible Hot Spare support/HDD:2*300GB 2.5" 10k rpm HS 6Gbps SAS HDD/Ethernet ports: Four integrated Gigabit Ethernet 1000BASE-T ports (RJ-45)/HBA: 1 x Dual-port 8Gb FC HBA/PCI Slots: 2 x PCI-Express 3.0, Optical Drive, 1U Rack Power Supply & Fans: N+N redundant power supply. OS - Windows Server 2008 R2 standard 64 bit	1	06KRNZ6

14	**IBM X3550 M4 Server :-** 2 x Intel Xeon 6C E5-2620 95W 2.0GHz with dual 8GT/s QPI Link and 15MB LLC, scalable to 2 CPUs/Memory: 40 GB DDR3 1333 MHz DDR3 registered memory, upgradable to 768 GB Chipset Intel C604/HDD Controller:SAS/SATA RAID controller with support for RAID 0/1/10/5/50. Online Capacity Expansion, Online RAID Level Migration & Global and dedicated/Hot Spare with Revertible Hot Spare support/HDD:2*300GB 2.5" 10k rpm HS 6Gbps SAS HDD/Ethernet ports: Four integrated Gigabit Ethernet 1000BASE-T ports (RJ-45)/HBA: 1 x Dual-port 8Gb FC HBA/PCI Slots: 2 x PCI-Express 3.0 slots. Standard video with 16MB memory, Maximum resolution is 1600x1200 at75 Hz with 16 M colours/ Optical Drive: Internal DVD-RW/Form factor: 1U Rack Power Supply & Fans: N+N redundant power supply. Power supplies , OS - Windows Server 2008 R2 standard 64 bit	1	06KRPA0
15	**IBM X3550 M4 Server :-** CPU: 1 x Intel Xeon 6C E5-2620 95W 2.0GHz with dual 8GT/s QPI Link and15MB LLC, scalable to 2 CPUs/Memory: 32 GB DDR3 1333 MHz DDR3 registered memory, upgradable to 768 GB Chipset Intel C604/HDD: Controller SAS/SATA RAID controller with support for RAID 0/1/10/5/50. Online Capacity Expansion, Online RAID Level Migration & Global and dedicated Hot Spare with Revertible Hot Spare support/HDD: 2 * 300GB 2.5" 10k rpm HS 6Gbps SAS HDD/Ethernet ports: Four integrated Gigabit Ethernet 1000BASE-T ports (RJ-45)/HBA: 1 x Dual-port 8Gb FC HBA/PCI Slots: 2 x PCI-Express 3.0 slots Standard video with 16MB memory, Optical Drive,1U Rack/Power Supply & Fans:N+N redundant power supply. Power supplies, Windows Server 2008 R2 standard 64 bit	1	06KRNZ8
16	**Web Server-IBM X3550 M4 Server:-** CPU: 1 * Intel Xeon 4C E5-2609 2.4GHz with dual 6.4GT/s QPI Link and 10MB LLC, scalable to 2 CPUs/Memory: 32 GB DDR3 1333 MHz DDR3 registered memory, upgradable to 768 GB Chipset Intel C604/ HDD Controller:SAS/SATA RAID controller with support for RAID 0/1/10/5/50. Online Capacity Expansion, Online RAID Level Migration & Global and dedicated Hot Spare with Revertible Hot Spare support/ HDD: 8 * 1TB 2.5in SFF HS 7.2K 6Gbps NL SATA HDD Ethernet ports Four integrated Gigabit Ethernet 1000BASE-T ports (RJ-45)/ HBA: 1 x Single-port 6Gb SAS HBA/PCI Slots: 2 * PCI-Express 3.0 slots. Standard video with 16MB memory, Optical Drive: Internal DVD-RW/Form factor: 1U rack/Power Supply & Fans: N+N redundant power supply, CentOS release 6.5	1	06KRNZ4
17	IBM X3630 M4 Server:- CPU: 2 * Intel Xeon 6C E5-2420 1.9GHz with 7.2GT/s QPI Link and 15 MB LLC,scalable to 2 CPUs/Memory: 16 GB DDR3 1333 MHz DDR3 registered memory, upgradable to 192 GBChipset Intel C600/ HDD Controller: SAS/SATA RAID controller with support for RAID 0/1/10/5/50. OnlineCapacity Expansion, Online RAID Level Migration & Global and dedicated Hot Spare with Revertible Hot Spare support / HDD: 4 * 1TB 7.2K 6Gbps NL SATA 3.5in G2HS HDD/ Ethernet ports: Four integrated Gigabit Ethernet 1000BASE-T ports (RJ-45) + Dual port/10Gbps Ethernet card with 10GBase-R SFP+ ports and SR-IOV supportfor creating virtual NICs/ HBA: 1 x Dual-port 8Gb FC HBA/PCI Slots: 5 * PCI-Express 3.0 slots to accommodate additional/ Cards Graphics Adaptor: Standard video with 16MB memory, Maximum resolution is 1600x1200 at 75 Hz with 16 M colours/ Optical Drive: Internal/External DVD-RW/Form factor: 2U rackPower Supply & Fans:N+N redundant power supply. , OS- CentOS release 6.5 (Final)	1	066CBF5

18	**IBM 3550 M2 Server** Intel(R) Xeon(R) CPU E5530 @ 2.40GHz Processor, 8 GB RAM, 2 x 146GB HDD IBM ServeRAID M5014 SCSI Disk Device (RAID), Broadcom NetXtreme II GigE Network card, MS Windows Server 2008 Enterprise 32-bit OS	1	7511569
19	**IBM 3500 M3 Server:** Intel Xeon 6 core Rack mountable 4 U Server Intel(R) Xeon(R) CPU E5630 @ 2.53GHz Processor, 24 GB RAM, 4 x 300GB SAS HDD, IBM Server RAID M5014 SCSI Disk Device (RAID), Broadcom NetXtreme II GigE Network card, SUSE Linux Enterprise Server 10 (x86_64) OS	1	99A4551
20	**IBM 3500 M3 Server:** Intel Xeon 6 core Rack mountable 4 U Server Intel(R) Xeon(R) CPU E5630 @ 2.53GHz Processor, 24 GB RAM, 2 x 300GB SAS HDD, IBM Server RAID M5014 SCSI Disk Device (RAID), Broadcom NetXtreme II GigE Network card, SUSE Linux Enterprise Server 10 (x86_64) OS	1	99A4546
21	**Lenovo EMC PX4-300D NAS Device Storage** Form Factor : Desktop Intel Atom Dual Core D525 CPU @ 1.8GHZ 2GB, 4 x 2 TB 3.5" Hot swap SATA - II Sever class hard disk drive 7200 RPM/ETwo (2) 10/100/1000 Mbps, 1 x USB 3.0 port and 2 x USB 2.0 ports Windows Server 2008R2	1	EMCHKS0 075358
22	**Dell Power Edge T 620 (Tower)** Intel [R] Xeon [R] Processor E5-2603 1.80 Ghz, 8GB RDIMM, 1333MHz, 1 TB 7.2K RPM SATA 2.5" Hard disk Drive- Hot plug/ PERC H710 Integrated RAID Controller, Dual Power Supply 750W/ Keyboard /USB Optical mouse/Dell 18.5" inch Monitor	1	6LCM102
23	**Dell Power Edge T 620 (Rack Mountable)** Intel [R] Xeon [R] Processor E5-2603 1.80 Ghz,, 8GB RDIMM, 1 TB 7.2K RPM SATA 2.5" Hard disk Drive- Hot plug/ PERC H710 Integrated RAID Controller, Dual - Hot-plug, 750W/ Keyboard and USB Optical mouse,Dell 18.5" inch Monitor	1	DH9G102
24	**DELL PowerEdge R620** Intel ® Xeon E5 – 2603 @ 1.87 GHz Processor , 16 GB RAM, 3x300GB SAS HDD, MS Windows Server 2008 R2 Standard (x64) SP1 , DELL PERC H310 SCSI Disk Device , BroadCom NetXtreme Gigabyte	2	BP0KYX1 & 9RZQYX1
25	**DELL PowerEdge T630** Intel ® Xeon E5 – 2620 @ 2.10 GHz Processor , 32 GB RAM, 4x2TB SATA HDD, MS Windows Server 2012 R2 Standard (x64) SP1 , DELL PERC H730 Adp SCSI Disk Device, Intel Gigabit 2P i350-t LOM	1	FFZ9HD2

26	**DELL PowerEdge T320** Intel ® Xeon E5 – 1410 @ 2.80 GHz Processor , 16 GB RAM, 3x300GB SAS HDD, MS Windows Server 2008 R2 Standard (x64) SP1 , DELL PERC H310 SCSI Disk Device, BroadCom NetXtreme Gigabyte	3	D3NB4Y1 & J2NB4Y1 & DT9XYY1
27	**Dell R620** Intel Xeon (R) E5-2609,16GB x 2 Nos,500GB x 3 Nos, RAID Controller Cent OS	1	FIFN622
28	**Dell R620** Intel Xeon (R) E5-2609,16GB x 2 Nos,600GB x 3 Nos., RAID Controller Windows Server 2012 OS	1	1VBN622
29	**Dell R620** Intel Xeon (R) E5-2609,16GB x 2 Nos,500GB x 3 Nos, RAID Controller Windows Server 2012 OS	1	91FN622
30	**IBM X 3400** M Tower Server :Intel Xeon E5607 Processor, Intel 5500 Chipset, 8 GB DDR 3 RAM, integrated RAID 0/1 controller, 3x300 GB 10 K SAS HDD, DVD Writer, 18.5'' LED Monitor, Microsoft Windows 2008 standard edition OS	1	7379Q2L-06BAGY3
31	**Dell R720** Intel Xeon (R) E5-2609,16GB x 2 Nos,300GB x 2 Nos & 2TB x 5 Nos, RAID Controller Windows Server 2012 OS	1	1YDN622
32	**Dell PowerEdge** T30 Intel Xeon E3-1225 V5 3.0GHz/16 GB DDR4 ECC RAM/1 TB (3.5") SATA HDD/DVDRW/Integrated RAID controller supports RAID 1,0/Keyboard/Mouse/Windows 10 Pro OS	1	
IBM Data Storage with SAN Volume Controller		
33	**System Storage DS5020** (M/T: 1814-20A) SATA 7.2 K 1TB HDD – 7Nos., FC 15K 450GB HDD - 9 Nos.	1	78K11KT
34	**System Storage Expansion – IBM EXP 520** (M/T: 1814-52A) FC 15K 450GB HDD - 16 Nos.l	1	78K11KR
35	**System Storage Expansion – IBM EXP 520** (M/T: 1814-52A) FC 15K 450GB HDD - 15 Nos.	1	78K11KV
36	**SAN Volume Controller X3250** M2 with UPS (M/T: 2145-8A4)	2	75KZR0A & 75KZRCA

Total Number of Items: 41 Nos.

Peroorkada Factory, Thiruvananthapuram (PFT)

Sl. No.	Technical Specification	Qty in Nos.	Sl. No.
1	**Acer Altos G510** Intel Xeon with Dual Xeon Processor @2.4 GHz – 533 MHz FSB, 4 GB PC2100 registered DDR SDRAM ECC, 3x36 GB Ultra 320 SCSI 10K RPM SCSI controller, Ultra 320 SCSI RAID controller with 64 MB Cache (320 Mbps), Integrated 10/100/1000 LAN, 1.44 MB FDD, 12x DVD + 32x CD WR Combo Drive, Acer 15" colour monitor, 2x450 W Hot-Plug SPS Keyboard & Mouse OS: Linux Advanced server version	*1*	AWG51000 293246389 1E
2	**HP Integrity RX 6600 Server (Rack mounted)** *True 64-bit EPIC latest generation CPU/ Module with 2x 1.6 GHz Dual Core Intel Itanium 2, 16 GB PC2- 4300 ECC chip spare DDR2 RAM with ECC capability, 8 port Serial Attached SCSI (SAS) controller which can support upto 8*SAS HDD's, 2 x 146 GB 10K rpm SAS hot swappable HDD, Integrated DVD-RW Drive, Redundant Power Supply, Redundant Cooling Fans, USB Keyboard, USB Optical scroll mouse, 17" TFT monitor and other accessories*	*1*	SGH4829C 16
3	**Dell R620** Intel Xeon (R) E5-2609,16GB x 2 Nos,500GB x 3 Nos, RAID Controller, Windows 2008 OS	1	H1FN622
4	**Dell R620** Intel Xeon (R) E5-2609,16GB x 2 Nos,600GB x 3 Nos ,RAID controller, Windows Server 2012 OS	1	GTBN622

Total number of items: 4 Nos.

Akkulam factory, Thiruvananthapuram (AFT)

Sl. No.	Technical Specification	Qty	Sl. No.
1	**Acer Altos G510** Intel Xeon Dual Processor Server with Dual Xeon Processor @2.4 GHz , 4 GB PC2100 registered DDR SDRAM ECC, 3x36 GB Ultra 320 SCSI 10K RPM SCSI controller, Integrated 10/100/1000 LAN, 1.44 MB FDD, 12x DVD + 32x CD WR Combo Drive, Acer 15" colour monitor, , 2x450 W Hot-Plug SPS Keyboard & Mouse OS: Linux Advanced server version	*1*	AWG519992 932463901E
2	**HP Integrity RX 6600 Server (Rack mounted)** *True 64-bit EPIC latest generation CPU/ Module with 2x 1.6 GHz Dual Core Intel Itanium 2, 16 GB PC2- 4300 ECC chip spare DDR2 RAM with ECC capability, 8 port Serial Attached SCSI (SAS) controller which can support upto 8*SAS HDD's, 2 x 146 GB 10K rpm SAS hot swappable HDD, Integrated DVD-RW Drive, Redundant Power Supply, Redundant Cooling Fans, USB Keyboard, USB Optical scroll mouse, 17" TFT monitor and other accessories*	*1*	SGH4829C1 5

Total number of items: 2 Nos.

Kanagala Factory Belgaum (KFB)

Sl. No.	Technical Specification	Qty	Sl. No.
1	**HP Integrity RX 6600 Server (Rack mounted)** *True 64-bit EPIC latest generation CPU/ Module with 2x 1.6 GHz Dual Core Intel Itanium 2, 16 GB PC2- 4300 ECC chip spare DDR2 RAM with ECC capability, 8 port Serial Attached SCSI (SAS) controller which can support upto 8*SAS HDD's, 2 x 146 GB 10K rpm SAS hot swappable HDD, Integrated DVD-RW Drive, Redundant Power Supply, Redundant Cooling Fans, USB Keyboard, USB Optical scroll mouse, 17" TFT monitor and other accessories*	*1*	SGH4829C1 4

Total number of items: 1 No.

Address of location

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Thiruvananthapuram –695 012

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