

संगठन का नाम	: भारतीय भूचुम्बकत्व संस्थान, न्यू पनवेल
निविदा क्र.	: आईआईजी/टेंडर/एएमसी/07/2021
संगठन की किस्म	: अनुसंधान केन्द्र
उत्पाद श्रेणी	: पीसी, प्रिंटरो तथा सर्वरों हेतु एएमसी
टेंडर की किस्म	: दो बोलियां
टेंडर फॉर्म शुल्क	: रू. Nil
ईएमडी	: रू. 50,000/-
निष्पादन सुरक्षा	: टेंडर की लागत का 10 %
स्थान	: भारतीय भूचुम्बकत्व संस्थान, प्लॉट क्र. 5, सेक्टर - 18, कलंबोली हाइवे, न्यू पनवेल, नवी मुंबई 410 218  भारतीय भूचुम्बकत्व संस्थान (भा.भू.सं.) डॉ. नानाभाई मूसा मार्ग, आर.सी.चर्च, कुलाबा, मुंबई - 400 005.
प्रस्तुत करने की अंतिम तारीख	: 21/12/2021 को 14.00 बजे तक
टेंडर खोलने की तारीख	: 21/12/2021 को 15.00 बजे
पूर्व तकनीकी बोली	: 02/12/2021 को 15.00 बजे
संपर्क	: भंडार एवं खरीद अधिकारी
ई-मेल आईडी	: iig.pso.stores@iigm.res.in
दूरध्वनि	: 022-2748 4102 (पनवेल)
फैक्स	: 022-2748 0762

Organisation Name	Indian Institute of Geomagnetism, New Panvel
Tender No.	IIG/Tender/AMC/07 /2021
Type of Organization	Research Centre
Product Category	Annual Maintenance of PCs, Printers and Servers
Tender Type	TWO BID
Tender form Fee	Rs. Nil
EMD	Rs.50,000/-
Performance Security	10 % of the value of Order
Location	<p>Indian Institute of Geomagnetism (IIG)  Address : Plot No. 5, Sector-18,  Kalamboli Highway, New Panvel,  Navi Mumbai - 410 218.</p> <p>Indian Institute of Geomagnetism (IIG)  Dr. Nanabhai Moos Marg.  R.C.Church, Colaba,  Mumbai – 400 005.</p>
Last date for Submission	21/12/2021 up to 1400 Hrs
Opening Date	21/12/2021 by 1500 Hrs
Technical Pre Bid	02/12/2021 at 1500 Hrs
Contact	Stores and Purchase Officer
Email	<a href="mailto:iig.pso.stores@iigm.res.in">iig.pso.stores@iigm.res.in</a>
Phone	022-2748 4102 (Panvel)
Fax	022-2748 0762

**INDIAN INSTITUTE OF GEOMAGNETISM  
(AN AUTONOMOUS ORGANISATION OF THE DEPARTMENT OF  
SCIENCE & TECHNOLOGY, GOVT OF INDIA)**



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Website : [www.iigm.res.in](http://www.iigm.res.in)

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**TENDER FOR**

**Annual Maintenance of PCs, Printers, Laptops and Servers at Panvel and Colaba**

**Tender No. IIG/Tender/AMC/07/2021**

**TENDER DOCUMENT**

**AT**

**INDIAN INSTITUTE OF GEOMAGNETISM  
(DEPARTMENT OF SCIENCE & TECHNOLOGY)  
PLOT NO.5, SECTOR-18 KALAMBOLI HIGHWAY,  
NEW PANVEL, NAVI MUMBAI 410 218**

## **GENERAL INFORMATION AND GUIDELINES**

IIG has approximately 10 numbers of servers, 206 numbers of PCs, 12 numbers of Printers for regular AMC and 38 Nos. of Laptops, 11 heavy duty laser printers, Nil numbers of scanners for call basis AMC. Some of the general terms and conditions are as mentioned in **Annexure I**. The makes and models of Servers, Computers, Printers and Scanners are illustrated in **Annexure II**. The Engineers shall attend to the various maintenance calls intimated to them at a centrally located place by the users. Tender document downloaded from our website [www.iigm.res.in](http://www.iigm.res.in).

### **1. Scope of Maintenance**

**(Refer annexure-II)**

- 1.1 This Annual Maintenance Contract (AMC) shall be on-site, comprehensive, preventive maintenance of computers/ Printers/ Servers/ LAN and other related peripherals, installed software and shall cover preventive as well as breakdown maintenance for all types of Computer equipment, kinds of which is listed in Annexure II, for the entire period of the contract including all labor charges.
- 1.2 AMC shall cover repairs /replacement of hard disk, motherboard, processor, memory, SMPS, all Add-On-Cards, all types of secondary storage keyboard, mouse, all cables and monitors (including picture tubes) 15"/17"/19" TFT/CRT/LCD monitors for PCs, Networking switches and LAN connectivity and all mechanical, electronic, electromechanical parts and all types of cables & adapters of printers, scanners etc.
- 1.3 AMC shall also cover installing, reloading and maintenance of operating system including software's of latest version of antivirus and Office and scientific software provided by IIG.
- 1.4 The successful bidder will have to engage at least 2 experienced Resident Engineers at Panvel Office and for Colaba Office. Complaints should be resolve within a day by other Engineer.
- 1.5 Maintenance engineer must be available on holidays / Sundays and after office hours as and when required at no extra cost. Only one holiday in a week will be allowed.
- 1.6 Sufficient number of spare parts like Mother board, Processor, RAM, Mouse, Keyboard, USB Cable, LCD Monitor, Stand by printer, etc should be kept in the house so that maintenance work does not suffer.
- 1.7 The items under scope of AMC may vary during tendering process or AMC or AMC tenure.

### **2. Exclusion**

- 2.1 Servers, Computers and peripherals, which are already under warranty of suppliers, are excluded in the Annual Maintenance Contract for hardware support; successful bidder should only provide software support.
- 2.2 The consumable such as Printer heads of Inkjets, toner cartridges/ toner drum, fuser assembly of LaserJet's, magnetic tapes, floppy disks, CDs, printer nozzles, Breakage of plastic parts, adaptors, laptop batteries etc. are also excluded.

### **3. Period of Contract**

- 3.1 Annual Maintenance contract shall be valid for a period of one year from the date of commencement.

- 3.2 IIG reserves the right to terminate the contract by giving notice of one month without any financial obligation on both sides. In the event of cancellation of contract, the payment for services actually carried out will be made on pro-rata basis for the period during which service was provided.
- 3.3 IIG reserves the option to renew the AMC (on same Terms and Conditions) if the service of the AMC Contractor is satisfied and certified by Head Computer then extension for a further period of one year maximum up to 2 years may be allowed.

#### **4. Payment Terms**

Bills for AMC charges may be presented by the Contractor at the end of each three months with service certificates obtained from computer section regarding satisfactory performance. Any penalty imposed as per terms and conditions shall be deducted from the amount.

### **5. Evaluation of Bidders/ Prequalification Criteria / Eligibility Criteria**

#### **A. Mandatory**

- 5.1 Bidders will be evaluated based on their infrastructure, experience, skilled persons, inventory of spares etc. and capacity of the bidder to carry out the work of the magnitude and precision envisaged in the tender. The evaluation made by the Institute shall be final and binding on the bidders. IIG personnel may visit Bidder's premises and their client sites to carry out evaluation.
- 5.2 Vendor should have experience of having successfully completed similar works **during last 3 years.**
- 5.3 Bidder should have 3 years experience in AMC with Research Institute / Government Organisations / PSUs and Banks etc. where there are 10 or more servers and 150 or more PCs in operation in Mumbai / Navi Mumbai area. The Contractor should furnish the name, address, Tel. No. of the contact person of such clients where they are currently executing AMC.
- 5.4 The Company should have at least two no. of AMC work orders of Research Institute / Government Organisations / PSUs and Banks above Rs. 10 Lakhs. Attach the work order of current financial year as evidence. Along with satisfactory service certificates.
- 5.5 The Company should be in sound financial condition and should be in profit and should have yearly AMC turnover more than Rs. 80 Lakhs. Vendor should have a dedicated division for supply/Server, pc and printer Service Centre / **Facilities Management.**
- 5.6 Vendor should have server maintenance experience for at least 10 server setup and should have experience of installation and management of Scientific softwares like Matlab, IDL, , Mathematica, etc.
- 5.7 Vendor should have sufficient permanent technical staff on their payroll. Engineer should be qualified and sufficiently experienced in the computer maintenance field. Vendor should have certified professionals. They should possess good communication skills, with diploma / degree in computer engineering/ maintenance/ hardware/networking.
- 5.8 Vendor should provide two residential service engineers with 3 year proficiency in maintenance of Windows and Linux hardware and basic networking. One of the Engineer should have qualification of BE Degree in computer science and one Assistant Engineers with Diploma qualification in Computers. Bio data of the service engineer employed by the firm along with their age, experience and qualification should be enclosed with the offer.

- 5.9 Company should have its own testing and repairing centre in Mumbai/ Navi Mumbai and should have the capability to service all products. The vendor should be able to set up their Testing and repairing Centre within the premises.
- 5.10 Company should register in India, as per the Company Act 2013.
- 5.11 Company should have obtained all permissions as per requirement of government rules like labor commissioner, sales tax, income tax, professional tax etc.
- 5.12 Proof of registration of the firm, List of works carried out during last three years, performance certificates, details of Service Centres / Workshop in Mumbai area, list of Technical staff and police certification data of staff should be produced along with the tender while coming to collect the tender document. Necessary police verification certificate should be obtained before deploying the staff in IIG.
- 5.13 After opening of Technical bid, committee may visit to Service Centers and vendors of the bidders.
- 5.14 Parties registered with NSIC/MSME should also comply with above eligibility criteria.

#### **B. Desirable**

- 5.15 Listed vendor of DGS&D / DPS/ NSIC.
- 5.16 Green initiative and carbon credentials with proper **e-waste disposal policy**.
- 5.17 Customer Support Centre.

#### **6. EMD**

- 6.1 An amount of Rs. 50,000/- will be deposited by the bidder along with the bid as EMD in the form of crossed Demand Draft drawn in favor of “Director, Indian Institute of Geomagnetism” payable at Panvel, Navi Mumbai.
- 6.2 EMD should be kept in separate envelope.
- 6.3 Bank guarantee towards the EMD is not acceptable.
- 6.4 The bid without EMD shall be summarily rejected.
- 6.5 Those who are registered with NSIC/MSME are exempted for submission of EMD and Tender fee.

#### **7. Forfeiture of EMD**

- 7.1 If any bidder withdraws his bid within the validity period or makes any modifications in the terms and conditions of the tender which are not acceptable to IIG, then IIG shall, without prejudice to any other right or remedy, be at liberty to forfeit earnest money.
- 7.2 Advance stamped Receipt for Refund of EMD’ duly signed (on revenue stamp) should be submitted along with the bid for speedy refund of EMD to unsuccessful bidders. Please furnish the complete postal address and phone number to facilitate refund of EMD.

#### **8. Security Deposit**

The bidder whose bid is accepted (hereinafter called the 'Contractor') shall deposit an 10% of order value in the form of Bank Draft / Bank Guarantee drawn in favour “Director, Indian Institute of Geomagnetism” payable at Panvel, Navi Mumbai as security deposit after finalising the contract, which will be returned at the end of contract period or at the time of termination of contract without any interest but after deducting any penalty, if any, imposed on him. Security Deposit will be forfeited for unsatisfactory performance by the supplier.

## **9. Guidelines to quote the Bids**

The invitation to tender calls for Bid proposals is in two parts viz. Technical Bid and Price Bid. Technical and Price bid should be placed in separate sealed envelopes

### **9.1 Technical Bids**

Technical bid shall consist of EMD for the required amount as per the tender documents and technical details. Technical details should be submitted in duplicate. Leaflets/information brochures (if any) showing the technical and general details of the equipment offered shall also be enclosed with the technical bid. Deviations, if any, from tender specifications, clause-wise and commercial terms and conditions should be clearly mentioned in the sheet as specified. The tender form and all annexures and attachments thereto shall be submitted with this bid with each page being consecutively **numbered and duly signed** by the bidder along with **the seal of the Contractor**. The Technical Bid to be filled only in the supplied format, along with relevant documents/annexure shall be submitted in a separate sealed cover.

### **9.2 Price Bid**

**(Refer Annexure-III)**

The Price Bid Table I to be filled only in the supplied format and shall be in a separate sealed cover and the guidelines and format to quote in the Price Bid is in Annexure II as given below.

- 9.3 Bidder is requested to quote their rates towards Comprehensive AMC charges for computer items as per table-I in annexure-III. There will be two types of comprehensive AMC services, both Hardware and software for servers/pc/laptops without warranty and only software for servers/pc/laptops under warranty. (s/w amc scope defined in Point 2.10 in annexure-I.) Quoted prices should be excluding taxes for each item.
- 9.4 All charges and expenses in respect of moving the equipment or any part to the service centre or charges for dismantling, reinstallation, testing and commissioning should be included in the quoted amount.
- 9.5 Quoted rates should be written both in figure and words and should be in whole rupees and followed by the word 'only' written closely following the amount and not in the next line.
- 9.6 All corrections should be authenticated / signed.
- 9.7 Signature and rubber stamp of the bidder should be there in the bottom of every page of the bid.
- 9.8 Bids with blank quoted value will be rejected.
10. As mentioned in the Tender Notice **Sealed Tenders should be submitted at the Stores section, Room No.- 008, Indian Institute of Geomagnetism (IIG), Plot No. 5, Sector-18, Kalamboli Highway, New Panvel, Navi Mumbai - 410 218** up to 02.00 p.m. on 21/12/2021 and the sealed covers for EMD & Technical Bid will be opened on the same day at 03.00 p.m. in the presence of attending tenderers. The date and time of opening of Price Bid will be intimated to the technically qualified bidders, tender not complying with above conditions are liable to rejections without any further reference. The tendered work if awarded is not transferable.
11. **The EMD, the Technical Bid and the Price Bid should be placed in separate sealed covers (i.e. in three separate covers, failing which the Tender will be invalid) and submitted in one overall sealed cover. Respective envelopes should be super scribed as technical bid/Price Bid/EMD as applicable, along with the tender number, name of work, due date of opening and name of the contractor.**

## **Annexure- I**

### **TERMS AND CONDITIONS OF CONTRACT**

#### **Purpose of Agreement:**

The AMC will be for **comprehensive maintenance services** of Computers/ Laptops/ Printers/Servers/, LAN systems and other related peripherals, the details of which are shown separately. The scope of service shall cover at your cost the maintenance, repairs including spare parts and provision of replacement parts. The preventive maintenance of all the PCs, Peripherals, printers and LAN system will be done once in three months or earlier to ensure the systems to be on line all the time.

M/s. \_\_\_\_\_

(Here in after referred to as **Contractor**) shall provide onsite, comprehensive maintenance of all computer equipment on terms and conditions hereinafter mentioned.

#### **1. Period of Contract**

- 1.1 The agreement shall remain in force initially for a period of one year from\_\_\_\_\_. Extendable for a period not exceeding two year on mutual consent.
- 1.2 IIG reserves the right to terminate the contract by giving prior notice of one month. In the event of cancellation of contract, the payment for services actually carried out will be made on pro-rata basis.

#### **2. Scope of the contract**

- 2.1 This Annual Maintenance Contract (AMC) shall be on-site, comprehensive preventive as well as breakdown maintenance of all computer and networking equipment's, which are not under warranty and brought under this contract/agreement and will also cover all labour charges for the entire period of the contract.
- 2.2 All 2 resident engineers will be seated at Computer Centre. H. Q. Panvel and calls from Colaba office should be attain on same or next day by other than residential engineer.
- 2.3 AMC shall cover repairs /replacements of hard disk, motherboard, processor, memory, SMPS, all Add-On-Cards, all types of secondary storage drives, keyboard, mouse, all cables and CRT/TFT/LCD/LED monitors for PCs, Networking switches, and all mechanical, electronic, electro mechanical parts, and all types of cables & adapters. Contractor should maintain all LAN support/ Network management services, intranet, internet, printers, etc as mentioned in the tender.
- 2.4 The contractor, at the time of commencement of the contract, will ensure that
  - a) the equipment is in working condition and it bears a Store Asset Number.
  - b) In case it doesn't bear any such number the user may be asked to obtain one from the Stores section.
  - c) put a sticker allotting a serial number to it to bring it under the contract and
  - d) Enroll the particulars such as the said serial number, type of equipment (server/PC/printer/scanner), Stores asset Number, user's name, designation, division, location/room no. & building name etc. in the contractor's record (These particulars are required to be shown on/with the bill).
  - e) Anti-virus software supplied by IIG should be installed in all computers and keep updated.



- 2.5 There may be addition of equipment during the period of the contract, due to expiry of warranties. In case of equipment brought into the contract during the course of the contract on expiry of warranty period, payment of AMC charges will be made on pro-rata basis.
- 2.6 AMC shall also cover reloading and maintenance of operating system including Installed software. Coordination and follow-up with OEMs for troubleshooting of equipment under warranty.
- 2.7 No extra charges or expenses will be paid for carrying out movement of equipment or any part to the Service Centre or for dismantling, reinstallation, testing and commissioning.
- 2.8 AMC shall also cover installation/formatting of operating systems and office/scientific softwares in newly purchase server/pc/laptops, driver installations for newly purchased computer peripherals whenever required.**
- 2.9 AMC shall also include internal HDD data recovery work for server/pc/laptop under AMC contract without additional charges.**
- 2.10 Scope of Software AMC during AMC period. (for Servers/computers/laptops under warranty)

Sl No	Description	Details
(a)	Operating System	All Linux os, windows 7, win 8/10, server 2003/2008, mac
(b)	Office Automation	Inventory S/W, Tally, all basic & scientific s/w, etc
(c)	Mail Platform	Desknow email system, etc
(d)	Browser	Mozilla Firefox, Google-Chrome, Internet Explorer, etc
(e)	Databases	Mysql, MS SQL 2005/2008, etc
(f)	Server Management	Application server, storage server, email and web server configuration and management for both Windows and Linux based operating system.
(g)	Antivirus software (Symantec Endpoint Cloud)	Install, update and manage all servers/pc/laptops under both AMC types.
(h)	Installation	Installation, troubleshooting and maintenance of all above mentioned softwares for servers/pc/laptops under software AMC
(i)	Network Equipment management services	Management of IIG WAN/LAN network and ISP links monitoring, resolve day to day networking issues, handle router, L3 switches and Firewalls, assist network equipment integrator and system administrator for basic hardware or software issues and to look after network management.

### **3. Resident Engineers**

The Contractor shall engage inside IIG campus qualified resident engineers, who shall be subjected to interview and approval by IIG to carry out all maintenance during normal working days from **9.30 hrs to 18.00 hrs from Monday to Saturday**. They should possess good communication skills in English and Hindi and shall remain present in IIG campus for full working hours. The attendance of Contract staff will be monitored through muster. Engineers should have minimum three years experience in computer maintenance and networking fields. Engineers should have experience of installing and troubleshooting Linux operating system. All of them should have their police verification done prior to their entry into IIG premises. Necessary photo attested police verification certificates issued to this effect to the individuals by Police authorities have to be produced. The Contractor shall provide qualified Resident Engineer/s as substitute in case of absence / leave of a deputed Resident Engineer. Deputed engineer/s is/are also have to follow IIG security rules and other guidelines from time to time.

#### **4. Preventive Maintenance**

- 4.1 Preventive Maintenance shall be carried out according to a pre fixed schedule. The Contractor's personnel shall provide servicing to each and every computer once in 3 months besides attending all complaints relating to that particular equipment. For this purpose a Register/Bin Card must be used. The entries in the Register/Bin Card should be made quarterly and counter signature obtained from the user and preventive maintenance should be carried out by other than residential engineer.
- 4.2 The user shall make the system available for Preventive Maintenance. All the attached media and drives should be cleaned during the above Preventive Maintenance. Servicing to all mechanical / electromechanical parts of printers and scanners should be provided. Servicing and cleaning of all the PCs and internal parts should be done to ensure that they are dust free.
- 4.3 The Institute has automatic anti-virus updation system. However, the vendor shall be responsible for checking/ensuring updation of anti-virus files on all the servers and PCs covered under the AMC. The anti-virus patches on the systems should not be more than a week old. The anti-virus packages will be provided by the Institute.
- 4.4 Real time monitoring of security posture of firewall and network nodes.
- 4.5 Regular backup (at least once a week) of the entire data of Servers.
- 4.6 Cleaning of viruses, Trojans, Malwares etc from the computers under AMC.
- 4.7 De-fragmentation of Hard Disk/Scanning of Disks as and when required.
- 4.8 Cleaning of all devices for ensuring smooth operation of computers.

#### **5. Exclusion**

- 5.1 Computers and peripherals, which are already under warranty of suppliers, are excluded from the Annual Maintenance Contract.
- 5.2 The consumable such as Printer heads of Inkjets, toner cartridges/ toner drum, fuser assembly of LaserJet's, magnetic tapes, floppy disks, CDs, printers nozzles, Breakage of plastic parts, laptop batteries, all power adaptors etc. are also excluded.
- 5.3 The systems not working due to the physical damage will not be covered under AMC.

#### **6. Call Registering**

Computerised records shall be maintained by the Contractor to register the complaints. Corresponding complaint register number has to be given to the user at the time of placement of complaint. This number will help for further references. Contractor's personnel have to close the complaint, once the problem is solved. An intercom telephone connection will be given to the contractor's personnel. Contractor must use the third party software program owned them or provided by IIG for the computerization of call registration or they should prepare their own programme.

#### **7. Identifying the Faults**

- 7.1 The user will give full access of the equipment to the Contractor and provide suitable working space to enable him to provide maintenance service.
- 7.2 The engineers will identify the faults and rectify them to the satisfaction of the user either by repairing or by replacing the component/subsystem with a brand new one where ever possible, with prior consent of the user. The replaced component/subsystem shall be of a same/equivalent or better configuration as the original component/subsystem.

- 7.3 In case the component/subsystem is taken away from the system, by the engineer for repairs, he shall fill up a call sheet and get the signature of the concerned user. The serial number and part number of the part so removed should be mentioned in the call sheet. When the Contractor's personnel brings the part after the repairs, the serial number and part number of the part should be made available to the concerned user for rechecking.
- 7.4 The Contractor shall only move the equipment or any part thereof from the place of original installation to a different place or location if so desired/consented by the user.

## **8. Data Restoration from Hard Disk**

The service provider will be responsible for taking backup of data available on the computer/laptop/server before attending to the fault and restore all backup data after maintenance/repair. All the existing configurations to the corresponding computer have to be restored back by the Contractor. Even in case of hard disc failure or virus infection, the Contractor should make all attempts to recover the data wherever possible **without additional charges**.

## **9. Transportation of Equipments**

Transportation of component/subsystem outside IIG for any repairs shall be the responsibility of the Contractor. The gate passes for security purposes shall be obtained by the Contractor from concerned user. Security regulations have to be followed for the movement of items from one place to another. IIG will not issue any Octroi/ Tax exemption certificate.

## **10. Guaranteed Repairs Time**

- 10.1 The contractor shall attend the service call preferably on the same day itself, if the service call is received in the forenoon and in the forenoon of next day if received in the afternoon.
- 10.2 The fault should be rectified within 2 working days after reporting the complaint. If any of the equipments or the peripherals cannot be repaired within this period of 2 working days, the Contractor should provide temporary replacement for the same. The original equipment should be re-installed within the period of one week. In case the equipment is not repairable, Contractor shall give a permanent replacement for the same. The replaced system should be of a same/equivalent or better configuration as the original system.

## **11. Penalty**

- 11.1 In case of the stipulated repairs time not being adhered to, the following penalty shall be imposed.
- 11.2 The down-time penalty charges if not rectified within 24 hours shall be as follows:

<b>Sr.No.</b>	<b>Item</b>	<b>Amt.(in rupees)/day</b>
1.	Server/Client System (User PC)	Rs 1000/-, & Rs 500/-
2.	DMP/Laser Printer/Inkjet Printer	Rs.200/-, Rs.1000/-, Rs.200/-
3.	Mouse	Rs.50/-
4	Operating System for each server/client	Rs.500/-, Rs.250/-
5	Absence of onsite residential engineer	Rs 500/- per day per engineer

- 11.3 A penalty of 10% of AMC charges will be charged in case preventive maintenance is not undertaken for that equipment.

- 11.4 On the last day of the contract period or on termination of the contract, the full system shall be in perfect working condition failing which the full cost of repairs, if any incurred, will be recovered from the security deposit/last bill.
- 11.5 Penalty as above will be enforced for each day of absence will be reduced from the AMC charges/ salary in case of absence of engineers from the work location.

## **12. Billing and Payments**

Bills for AMC charges shall be presented by the Contractor at the end of each **Three Months**, with certificates obtained from Division/Section regarding satisfactory performance. Any penalty liable as per terms and condition shall be deducted from the amount.

## **13. Security Deposit.**

The Contractor shall deposit an amount 10% of order value in the form of Bank Draft / Bank Guarantee drawn in favour of "Director, Indian Institute of Geomagnetism" payable at Panvel, Navi Mumbai as security deposit, which will be returned at the end of contract period or at the time of termination of contract without any interest but after deducting any penalty, if any, imposed on him.

## **14. Spares on Stand By**

Contractor shall keep adequate spares like motherboard, processor, RAM, Lan Card, CD Drive, CD Writer, mouse, Keyboard, Power Cord, USB Cable, Monitor, Printers, Scanners, hard Disk etc. at IIG and shall replenish the stock with new ones as and when utilized, so as to keep it constant. The spares will remain the property of the Contractor. The makes of spares shall generally be as per original make of machines or as approved by IIG. The status of stock of the spares will be inspected by authorized officials of IIG without prior intimation. Details of spares to be kept under stock in IIG premises are as per requirement and will be decided by committee of IIG.

## **15. Revision of Maintenance Charges**

No revision of the Maintenance Charges shall be considered during the period of contract.

## **16. SAFETY**

Engineer must follow all industrial and electrical safety procedures during their working hours in IIG premises. The Maintenance Engineers deputed by the Contractor is responsible for maintaining and supervising all safety procedures.

## **17. CONFIDENTIALITY**

Under this contract generally no party (Contractor) should disclose any thing to any third party. In particular, any information identified as Proprietary in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-Contractor, Contractors, advisers, or the employees engaged by the party with equal force.

## **18. LIABILITIES**

Any other taxes, levies and duties payable shall be borne by the contractor.

**19. POWER OF DISCRETION**

IIG reserves the right to reject any or all the bids and cancel the tender without assigning any reason.

**20. DISPUTE/ TERMINATION OF THE CONTRACT.**

In case of any dispute arising out of this contract, the decision of the Director, Indian Institute of Geomagnetism New Panvel shall be final and binding on both the parties.

- A. IIG reserves the right to terminate the contract at any time without assigning any reason to the firm.
- B. In case of unsatisfactory performance or due to consistent reduction in computer up time, the contract is liable to be cancelled by giving a notice of ten days to the firm in writing.
- C. The performance will be monitored during the first three months and if the performance is not found satisfactory, contract may be terminated.

**THE ABOVE TERMS AND CONDITIONS SHALL PREVAIL NOT WITHSTANDING ANY VARIATIONS UNLESS THE CONTRACTOR AND THE IIG HAVE SPECIALLY AGREED UPON THE VARIATIONS.**

**Signature of the Contractor**

**Signature of the  
Purchase and Stores Officer**

## Annexure –II

### List of computer items under Scope of Regular comprehensive AMC

**TABLE - I : Regular AMC**

Sr. No.	Items	Hardware and software AMC	Only software AMC	Remarks	Detailed References
<b>SERVERS</b>					
1	Servers	7 Nos.	3 Nos.	Regular AMC	Annexure -A
<b>DESKTOP</b>					
2	Desktops	169 Nos.	37 Nos.	Regular AMC	Annexure –B
<b>PRINTERS</b>					
3	Printers All In One/Laser/DMP	12 Nos.	---	Regular AMC	Annexure -C
<b>MFD/ HEAVY DUTY Printers and scanners</b>					
4	Printers Laser heavy duty	11 Nos.	---	Regular AMC	Annexure –C
<b>LAPTOPS</b>					
5	Laptops	35 Nos.	3 Nos.	Regular AMC	Annexure –D

Note: 1) Quantity consider here are approximate and may vary.

# TECHNICAL BID

(Please go through the terms and conditions before filling up this Pro forma)

## TENDER NO.

1. Name, Address and Telephone, Fax, email of the Organization :
2. Date of commencement of Business :  
(Please furnish proof in support of your statement)
3. Status of the organization (i.e. whether :  
*Proprietorship, Partnership, Private Limited /  
Public Limited Company, Registered under  
Societies Registration Act, etc.*)
4. Registration Number of the :  
Organization. (Please attach Certificate of  
Registration / Incorporation).
5. **Name of the C.E.O. / Proprietor** :  
Name, designation and address, :  
including phone/mobile number, email of  
the contact Person.
6. Annual Turnover (last 3 yrs.) : **2018-19**      **2019-20**      **2020-21**  
(Attach Photostat copies of certified Income  
Expenditure Statement / I.T. Returns / C.A.'s  
Certificate Audit report etc. Should be attached).
7. GST No. :
8. Service Tax No., if any (Must, if ST is :  
charged).
9. P.A.N. Number of the Organization / :  
Owner (in case of proprietorship  
organization where no P.A.N. has been issued in  
the name of the organization) (**MUST**).

**10. Details of three fully satisfied (certificate to be attached) prominent govt./semi govt./research organizations/ banks served/ being served with similar services**

(attach a comprehensive list, workorder and details list of assets under AMC).

<i>Name &amp; Address of clients</i>	<i>Name &amp; Phone No. of the Contact Person</i>	<i>Annual Cost of Contract</i>	<i>Since when the Services are being provided</i>	<i>Number of Servers, Pcs, MFDs covered by AMC stand alone – in LAN</i>

**11. Details of Demand Draft**

DD Amount : \_\_\_\_\_

DD Number: \_\_\_\_\_

Valid upto : \_\_\_\_\_

Issuing Bank's : \_\_\_\_\_

Name & Address : \_\_\_\_\_

**12. (A) Details of Service Centre in Mumbai/Navi Mumbai**

- a) Address of Service Centre(s) with contact email address & phone number(s) :
- b) Total number of Engineers available :
- c) Total number of Degree and Diploma holders :
- d) Total number of Printer experts available :
- e) Total number of Monitor experts available :

**13. (B) Details of experiences in AMC with Government/Semi Government (If the space provided is not sufficient additional sheets can be used).**

- a) Name & Address of the user with contact person(s) name (with email address & telephone number) :



- b) Total number of Engineers available at the user site :
- c) Total number of Diploma holders available at the user site. :
- d) Period of Contract :
- e) Details of the total number of assets maintained at the user location :
  - i) Servers :
  - ii) Computers :
  - iii) DeskJet Printers :
  - iv) LaserJet Printers :
  - v) Dot Matrix Printers :
  - vi) Scanners :
  - vii) Mfds :
  - viii) Laptops :

14. Details of documents enclosed (Say YES OR NO)

- a) Proof of registration of the firm :
- b) Earnest Money Deposit. :
- c) List of works carried out with Government during the last 5 years. :
- d) Details of service centre/workshop in Mumbai/ Navi Mumbai :
- e) Details of Technical Staff :

15. Do you have any kind of partnership / dealership of Servers, PC and PC peripheral manufacturers (*kindly furnish complete details i.e. name of manufacturer, product, nature of partnership / dealership etc.*) IBM, Dell, Lenovo, HP, etc. :

16. Whether you have any point of disagreement with the terms and conditions stipulated in the Tender Document. If yes, please specify and also indicate suggested solution (*if space is not sufficient, please attach separate sheet.*) :

## Annexure - III

### PRICE BID

#### TABLE – I

Sr. No.	Items	H/w and s/w AMC		Only s/w AMC		Total
		Qty	Sub Total	Qty	Sub Total	
<b>SERVERS</b>						
1	Servers/workstations	Nos.		Nos.		
<b>DESKTOP</b>						
2	Desktops	Nos.		Nos.		
<b>PRINTERS</b>						
3	Printers All In One Laser/DMP	Nos.		N.A.		
<b>MFD/ HEAVY DUTY Printers and scanners</b>						
4	Printers Laser heavy duty	Nos.		N.A.		
<b>LAPTOPS</b>						
5	Laptops	Nos.		Nos.		
<b>Residential Engineer</b>						
6	1. System Engineer	1				
	2. Clients Side Engineer	1				
				Grand Total-		

Note:

1. Quantity consider here are approximate and may vary.
2. All above rates quoted should be without any taxes.

**DECLARATION:**

- a) It is certified that the information furnished above is correct.
- b) We have gone through the terms and conditions stipulated in the Tender Document and confirm to abide by the same. Disagreement and solution proposed has been listed in a separate sheet and being attached with this Bid. A copy of the Tender Document with its each page signed, in token of acceptance of the Terms and Conditions, is enclosed.
- c) We understand that the decision of the IIG to accept / reject “the points of disagreements and proposed solution provided by us” would be final and binding.
- d) The signatory to this bid is authorized to sign such bids on behalf of the organization.
- e) It is certified that our firm Annual Maintenance Contract has not been terminated/blacklisted by any other organizations.

**Name and Signature of  
Company Representative  
With seal of the company.**

Place: Date

*Once AMC is finalized amount will be decided considering the per unit cost given and actual number of items available for AMC. Accordingly amount will be increased or decreased. Similarly during the year if items are given in scrap then proportionately amount will be reduced.*

*Those items which are under warranty period that will be considered for software AMC and once warranty period is over, it will be brought under Hardware and software AMC and automatically excess charges will be paid on pro- rata basis*

**Name and Signature of  
Company Representative  
With seal of the company**

Date:

Place:

\*\*\*\*\*@@@@@@@@@@@@@@@@@End of Tender@@@@@@@@\*\*\*\*\*

## List of Servers for Annual Maintenance

Sr. No.	IIG Asset No.	Purchase Date	Asset Name	Quantity	Application	With warranty	Without Warrantly
1	AVII/157/541	16/12/2010	Hp Proliant DL380g7/E5620 Processor (Dual Processor)	1	DNS SERVER		1
2	AVII/11/399	07/12/2007	IBM X 3650 Server Dual Core Intel Xeon Processor 5160	1	MPLS Server for all observatories		1
3	AVII/12/400	07/12/2007	IBM X 3650 Server Dual Core Intel Xeon Processor 5160	1	MPLS Proxy Server		1
4	AIX/91/765	27/06/2017	Rack Mount Server -2P Server having 5 years warranty	1	WDC (Colaba)	1	
5	AVIII/100/641	08/02/2013	HP DL380Gen8 Rack Mount Server Redhat Enterprise Linux Server ES	1	dspace server library		1
6	AVIII/99/640	08/02/2013	HP DL380Gen8 Rack Mount Server Redhat Enterprise Linux Server	1	EMS SERVER		1
7	AVIII/31/573	10/08/2011	HP Proliant ML 350G6 Server Part no 594869-371 (2) Intel Xeon Processor E5620	1	Trio , Tally		1
8	AIX/129/823	06/07/2018	Dell Server -R540 With Softwares Power Edge,SKU	1	GPS Server		1
9	AIX/137/833	26/12/2018	Poweredge Dell R540 server,serial no 25CW6T2, HDD:4x2 TB SATA,32 GB RAM,INTEL Xeon Silver 4110	1	ComputerCentre/MT	1	
10	A-X/11/881	07/02/2020	DELL PowerEdge R440 Server	1	ERP Server Computer centre	1	
<b>Total</b>				<b>10</b>		<b>3</b>	<b>7</b>

## List of Desktop PC for Annual Maintenance (From 01.01.2011)

Sr. No.	Asset Code	Physical Number	Asset User	Asset Name	Without warranty	With warranty	Purchase Date
1	IIG/7703	A-IX/154/865	B. Kakad	Desktop Computer Dell Optilex 7060 i7 with Dual Monitor		1	12/11/2019
2	IIG/2751	AIX/85/757	Aditi Upadhyay	LENOVO V520 I7-7700/10NLA012IH	1		07/11/2017
3	IIG/3403	AIX/100/778	K.R. Salvi	Desktop PC I5 Lenovo	1		08/03/2018
4	IIG/3402	AIX/101/779	N.T. Gavas	Desktop PC I5 Lenovo	1		08/03/2018
5	IIG/3401	AIX/102/780	Gaurav kumar	Desktop PC I5 Lenovo AIO	1		08/03/2018
6	IIG/3400	AIX/103/781	Jagruti Advankar	Desktop PC I5 Lenovo AIO M810Z/I5/7500	1		08/03/2018
7	IIG/3956	AIX/108/786	P. Mahavarkar/Inst.	Desktop Dell Optiplex 5050	1		28/03/2018
8	IIG/3957	AIX/108/787	R.M. Pardeshi	Desktop Dell Optiplex 5050 MT	1		28/03/2018
9	IIG/3958	AIX/109/788	S.K. Narkhede	Desktop Dell Optiplex 5050 MT	1		28/03/2018
10	IIG/3962	AIX/111/792	M.M. Jadhav	Desktop Dell Optiplex 5050 MT INTEL CORE I7-7700,3 yr warranty	1		28/03/2018
11	IIG/4053	AIX/114/799	Sreelaxmi	Acer VERITON Desktop M6650G Intel Core i7-Processor 7th gen 16 GB RAM DDR4/1TB HDD CHIPSET-INTEL Q270/2GB GRAPHIC INTEGRATED WINDOWS 10	1		03/05/2018
12	IIG/4057	AIX/116/803	Adhitya Pavithran	Acer VERITON Desktop M6650G Intel Core i7	1		03/05/2018
13	IIG/4058	AIX/117/804	Nilam Bhosale	Acer VERITON Desktop M6650G Intel Core i7-Processor 7th gen	1		03/05/2018
14	IIG/4059	AIX/117/805	S. P. Anand	Acer VERITON Desktop M6650G Intel Core i7-Processor	1		03/05/2018
15	IIG/4060	AIX/118/806	Pankaj kumar	Acer VERITON Desktop M6650G Intel Core i7-Processor 7th gen	1		03/05/2018
16	IIG/4061	AIX/118/807	Shipra Shinha	Acer VERITON Desktop M6650G Intel Core i7-Processor 7th gen	1		03/05/2018
17	IIG/4067	AIX/121/813	Amit Kumar	ACER DESKTOP M6650G INTEL CORE I7-PROCESSOR 7th GEN	1		15/05/2018
18	IIG/5964	AIX/138/835	Nilesh arvind chauhan	Lenovo TC Desktop M9207-I7/10SGS0DP00 Intel Core I7-8th gen		1	04/04/2019
19	IIG/5965	AIX/139/836	Vasu Deshmukh	Lenovo TC Desktop M9207-I7/10SGS0DP00 Intel Core I7-8th gen,16 GB RAM 1 TB HDD		1	04/04/2019
20	IIG/5966	AIX/139/837	Rajesh kumar barad	Lenovo TC Desktop M9207-I7/10SGS0DP00 Intel Core I7-8th gen		1	04/04/2019
21	IIG/5967	AIX/140/838	Tabish Khan	Lenovo TC Desktop M9207-I7/10SGS0DP00 Intel Core I7-8th gen,16 GB RAM 1 TB HDD S/N PG01HAMQ,TFT S/N V5DD2644 3 yr warranty		1	04/04/2019
22	IIG/5969	AIX/141/840	Chandan Kapil	Lenovo TC Desktop M9207-I7/10SGS0DP00 Intel Core I7-8th gen,16 GB RAM 1 TB HDD S/N PG01HAN4,TFT S/N V5DB7720 3 yr warranty		1	04/04/2019
23	IIG/5970	AIX/141/841	Monika Rawat	Lenovo TC Desktop M9207-I7/10SGS0DP00 Intel Core I7-8th gen		1	04/04/2019
24	IIG/5976	AIX/141/846	Jayashree B.	Desktop Optiplex 5060 MT I7 5Yrs. Warranty		1	02-04-2019
25	IIG/5977	AIX/144/847	B.V.Lakshmi	Desktop Optiplex 5060 MT I7 5Yrs. Warranty		1	02/04/2019

26	IIG/5978	AIX/145/848	K. Deenadayalan	Desktop Optiplex 5060 MT I7 5Yrs. Warranty		1	02/04/2019
27	IIG/5981	AIX/146/851	A.S. Kulkarni	Desktop Optiplex 5060 MT I7 5Yrs. Warranty		1	02/04/2019
28	IIG/5989	AIX/150/859	P.P. Patkar	Desktop Dell Optiplex 5050 MT I5		1	01/04/2019
29	IIG/5990	AIX/151/860	Kaustubh Shelatkar	Desktop Dell Optiplex 5050 MT I5		1	01/04/2019
30	IIG/5991	AIX/151/861	M. Singh	Desktop Dell Optiplex 5050 MT I5		1	01/04/2019
31	IIG/5992	AIX/152/862	P.P. Madhavi	Desktop Dell Optiplex 5050 MT I5		1	01/04/2019
32	IIG/2734	AIX/16/689	N.S. Walunj	Intel Core i5-4570 Processor	1		30/04/2014
33	IIG/2735	AIX/17/690	Krishnavishek	Intel Core i5-4570 Processor	1		30/04/2014
34	IIG/2736	AIX/18/691	V.Y. Dhapre	Intel Core i5-4570 Processor	1		30/04/2014
35	IIG/2737	AIX/19/692	Ganpat Surve	Intel Core i5-4570 Processor	1		30/04/2014
36	IIG/2738	AIX/20/693	Director Office	Dell Optiplex 9020 MT Standard Base Mini Tower Chassis Intel Core i5-4670	1		11/06/2014
37	IIG/2739	AIX/21/694	P. B. V. Subbaro	Dell Optiplex 9020 MT Standard Base Mini Tower Chassis Intel Core i5-4670	1		11/06/2014
38	IIG/2741	AIX/23/696	Tej Singh Parihar	Dell Optiplex 9020 MT Standard Base Mini Tower Chassis Intel Core i5-4670	1		11/06/2014
39	IIG/2742	AIX/24/697	Steffy Varghese	Dell Optiplex 9020 MT Standard Base Mini Tower Chassis Intel Core i5-4670	1		11/06/2014
40	IIG/2743	AIX/25/698	Director Office	Dell Optiplex 9020 MT Standard Base Mini Tower Chassis Intel Core i5-4670	1		11/06/2014
41	IIG/2744	AIX/26/699	S. A. Rehman, Civil Engineer	Dell Optiplex 9020	1		11-06- 2014
42	IIG/72	AIX/30/703	G. Gupta	OptiPlex 9020 Minitower,4th Generation Intel(R) Core(TM) i7- 4770 1TB	1		21/08/2014
43	IIG/65	AIX/33/706	B.N. Shinde	Dell Optiplex 9020 MT Standard Base Mini Tower Chassis Intel Core i5-4670	1		17/09/2014
44	IIG/67	AIX/31/704	S. Sripathi	OptiPlex 9020 MT, 4th Generation Intel(R) Core(TM) i7- 4770 Drive	1		13/09/2014
45	IIG/1266	AIX/35/708	Chinmaya Nayak	Lenovo Desktop	1		25-09- 2014
46	IIG/09	AIX/178/66	Gopi K. Seemala	Dell Inspiron Laptop	1		08-07- 2015
47	IIG/10	AIX/41/714	R.K. Rahate	Lenovo Desktop Edge 73, Intel 4150 Processor	1		03/06/2015
48	IIG/11	AIX/44/717	B. Kakad	OptiPlex 9020 Mini Tower for Standard Power Supply Intel Core i7-4790	1		08/03/2016
49	IIG/22	AIX/46/719	Accounts Section	Desktop DELL 3250 SFF, i3 – 6100 (6th GEN)	1		22/08/2016
50	IIG/24	AIX/47/720	Pallavi Bhatkar	Desktop DELL 3250 SFF, i3 – 6100 (6th GEN)	1		22/08/2016
51	IIG/39	AIX/48/721	R.P. Kuchekar	Desktop DELL 3250 SFF, i3 – 6100 (6th GEN)	1		01/10/2016
52	IIG/40	AIX/49/722	Director's Office	Desktop DELL 3250 SFF, i3 – 6100 (6th GEN)	1		01/10/2016
53	IIG/41	AIX/50/723	Returned to Stores	Desktop DELL 3250 SFF, i3 – 6100 (6th GEN)	1		13-10- 2016
54	IIG/656	AIX/52/724	R. Rawat	Dell Desktop Intel Core I7- DS- 4(Technical-IV(ConfigA))	1		13/07/2016
55	IIG/658	AIX/54/726	G. Vichare	Dell Desktop Intel Core I7- DS- 4(Technical-IV(ConfigA))	1		13/07/2016
56	IIG/659	AIX/54/727	Subba Rao	Dell Desktop PC	1		13-07- 2016

57	IIG/660	AIX/56/728	Devanandan	Dell Desktop Intel	1		13/07/2016
58	IIG/661	AIX/57/729	P. B. Gawali	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
59	IIG/662	AIX/58/730	Harikrishnan	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
60	IIG/663	AIX/59/731	Kamalam T.	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
61	IIG/664	AIX/60/732	B. Veenadhari	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
62	IIG/665	AIX/61/733	Shailaja Gandla	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
63	IIG/666	AIX/62/734	R. V. Reddy	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
64	IIG/667	AIX/63/735	Biswajit OZA	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
65	IIG/668	AIX/64/736	G. Gupta	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
66	IIG/670	AIX/66/738	K. Vijaykumar	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
67	IIG/671	AIX/67/739	A.K. Sinha	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
68	IIG/672	AIX/68/740	S.K. Bhardwaj	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
69	IIG/673	AIX/69/741	S. Gurubaran	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
70	IIG/675	AIX/71/743	S.P.Anand	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
71	IIG/4279	AIX/9/684	Varun Dongre	HP PRO 3330 MT Desktop PC Intel Core i5 3470 3G CPU Intel X Press Chipset /mboard	1		14/03/2014
72	IIG/3404	AIX/99/777	R.K. Rahate	Desktop PC I5 Lenovo AIO	1		08/03/2018
73	IIG/3405	AIX/98/776	J. Kamra	Desktop PC I5 Lenovo AIO	1		08/03/2018
74	IIG/2747	AIX/81/753	Srinivas Nayak	LENOVO V520 I7-7700/10NLA012IH	1		07/11/2017
75	IIG/2748	AIX/82/754	Zubair Shaikh	LENOVO V520 I7-7700/10NLA012IH	1		07/11/2017
76	IIG/68	AIX/15/688	S.M. Labde	Dell Optiplex 3020 Minitower CTO Intel Core i5-4570 Processor	1		30/04/2014
77	IIG/404	AIX/1/676	Director's Office	Dell Optiplex 3011 All In One	1		27/01/2014
78	IIG/443	AIX/75/747	Director's Office, Colaba	Dell Optiplex 7050 Card/Win 10 Prof.	1		12/05/2017
79	IIG/444	AIX/76/748	Director's Office	Dell Optiplex 7050 Card/Win 10 Prof.	1		12/05/2017
80	IIG/955	AIX/77/749	A.K. Sinha	DELL Optiplex 7050MT DESKTOP	1		20/06/2017
81	IIG/3959	AIX/109/789	M. Ponraj	Desktop Dell Optiplex 5050	1		28/03/2018
82	IIG/3960	AIX/110/790	M. Laxminarayana	Desktop Dell Optiplex 5050	1		28/03/2018
83	IIG/3963	AIX/111/793	Pritimaya Patro	Desktop Dell Optiplex 5050 MT INTEL CORE	1		28/03/2018
84	IIG/2749	AIX/83/755	G.Datar	LENOVO V520 I7-7700/10NLA012IH	1		07/11/2017
85	IIG/2750	AIX/84/756	Biswajit OZA	LENOVO V520 I7-7700/10NLA012IH	1		07/11/2017
86	IIG/2752	AIX/86/758	K.C.Barik	LENOVO V520 I7-7700/10NLA012IH	1		07/11/2017
87	IIG/4056	AIX/116/802	Dr.S.V.Singh	Acer VERITON Desktop M6650G	1		03/05/2018
88	IIG/657	AIX/53/725	S. Mukherjee	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016

89	IIG/669	AIX/65/737	Debrup Hui	Dell Desktop Intel Core I7- DS-4(Technical-IV(ConfigA))	1		13/07/2016
90	IIG/5979	AIX/145/849	Tejshri Bari	Desktop Dell Optiplex 5060 MT I7 Intel Core I7-8700 5 yrs. Warranty		1	02/04/2019
91	IIG/417	AVII/149/534	Library	Dell 580 Desktop	1		10-08-2010
92	IIG/2842	AVII/62/450	Computer sec.	HP Compaq Desktop	1		05-11-2008
93	IIG/138	AVIII/1/543	Roopa Lathe	Acer desktop	1		29-12-2010
94	IIG/400	AVIII/10/551	N.S. Shah	HP Elite 7100 Desktop PC i3 Intel 540(3.06 MHz 4 MB 2 C,4 Threds)RAM 4 GB	1		21/03/2011
95	IIG/4100	AVIII/101/642	B.I. Panchal	OptiPlex(TM)3010 DT N-Series Base Extra Included RAM Kingston 4 GB DDR III C1333MH2 S/N HWV08 of Rs. 3000/-	1		17/01/2013
96	IIG/4103	AVIII/112/653	Returned to stores	Dell OptiPlex (TM) 9010 SF base	1		02/04/2013
97	IIG/4108	AVIII/104/645	Library User PC	OptiPlex(TM) 3010 DT N-Series Base Intel Core I5 Label	1		17/01/2013
98	IIG/4109	AVIII/103/644	Library User PC	OptiPlex(TM) 3010 DT N-Series Base	1		17/01/2013
99	IIG/4110	AVIII/102/643	Library User PC	OptiPlex(TM) 3010 DT N-Series Base	1		17/01/2013
100	IIG/401	AVIII/11/552	Returned to stores	HP Elite 7100 Desktop PC i3 Intel 540(3.06 MHz 4 MB 2 C,4 Threds)RAM 4 GB	1		21/03/2011
101	IIG/4093	AVIII/120/661	Nanda Shah	HP Pro 3330 MT Desktop Intel Core I3 18.5" LED Monitor	1		05/07/2013
102	IIG/4088	AVIII/125/666	Returned to stores	HP Pro 3330 MT Desktop Intel Core I3 3230 3G	1		22/10/2013
103	IIG/4087	AVIII/126/667	Returned to Stores	HP Pro 3330 MT Desktop Intel Core I3 3230 3G	1		22/10/2013
104	IIG/4083	AVIII/129/670	Gopi K. Seemala	Dell Precision	1		16-12-2013
105	IIG/4079	AVIII/134/675	A.K. Singh	Dell Optiplex 9020(W3204861N8	1		13/01/2014
106	IIG/4080	AVIII/132/673	R.N. Maurya	HP Pro 3330 MT Desktop Intel Core i5 2400, 4 GB DDR3 RAM	1		12/12/2013
107	IIG/4081	AVIII/131/672	Returned to Stores	HP Pro 3330 MT Desktop Intel Core i5 2400, 4 GB DDR3 RAM	1		12/12/2013
108	IIG/4082	AVIII/130/671	K.V.V.Satyanarayana	HP Pro 3330 MT DESKTOP Intel Core I5	1		30/11/2013
109	IIG/4272	AVIII/21/562	S. Chandra	1015 Dell Optiplex 990	1		12/04/2011
110	IIG/4273	AVIII/20/561	S. Chandra	1016 Dell Optiplex 990MT Base N Series	1		12/04/2011
111	IIG/4092	AVIII/121/662	Susheel Kumar	Dell Optiplex(TM) 3010 DT Base	1		10/09/2013
112	IIG/4270	AVIII/22/564	P.P. Bhatkar	ACER Desktop Veriton Intel Core	1		23/03/2011
113	IIG/4268	AVIII/23/565	P.P. Badbe	ACER Desktop Veriton Intel Core	1		24/05/2011
114	IIG/4256	AVIII/35/576	Conti Staff HRD	HP Desktop 1) HP ELITE 7100 Desktop Intel Core I3	1		26/09/2011
115	IIG/140	AVIII/4/546	K. Deenadayalan	Dell Optiplex 9808 desktop	1		17-02-2011
116	IIG/4252	AVIII/41/582	Returned to stores	Acer Veriton M200 Desktop Intel core i3-540	1		02/11/2011
117	IIG/4250	AVIII/42/583	S.A. Chavan	Acer Veriton M200 Desktop Intel core i3-540	1		02/11/2011
118	IIG/4240	AVIII/49/590	R. Kuchekar	Acer Desktop Veriton Acer Core I3 Intel Core I3 2120,4 MP	1		22/12/2011
119	IIG/4244	AVIII/47/588	T.T. Gavas	Lenova E71 1607 K1Q Desktop PC	1		19/12/2011



120	IIG/4146	AVIII/57/598	Returned to Stores	HP Compaq Desktop HP PRO 3330 MT DESKTOP & HP 18.5" TFT Monitor	1		24/01/2012
121	IIG/4151	AVIII/53/594	P.B. Gawali	DESKTOP HP Compaq Pro 3330MT I5-2400 ,2 GB /500 GB/Linux/	1		16/01/2012
122	IIG/4237	AVIII/51/592	Swati kore	Acer PC	1		22-12-2011
123	IIG/942	AVIII/52/593	Tulasiram S.	DELL Desktop Inspiron 620ST Core i5-2310	1		19/12/2011
124	IIG/4145	AVIII/58/599	Tejshri Bari	HP Compaq Desktop HP PRO 3330 MT DESKTOP & HP 18.5" TFT Monitor	1		24/01/2012
125	IIG/4143	AVIII/59/600	Returned to Stores	HP Compaq Desktop HP PRO 3330 MT DESKTOP & HP 18.5" TFT Monitor Used for Consaltant Civil	1		24/01/2012
126	IIG/411	AVIII/6/548	R. Selvakumaran	DELL Desktop Optiplex 980 DT BASE-N-Series Base	1		04/01/2011
127	IIG/4140	AVIII/65/606	B.V.Lakshmi	HP Compaq Desktop H	1		23/02/2012
128	IIG/4142	AVIII/60/601	P.S. Pawaskar	HP Compaq Desktop HP PRO 3330 MT DESKTOP & HP 18.5" TFT Monitor	1		24/01/2012
129	IIG/4075	AVIII/64/605	A.J. Deshmukh	DESKTOP VERITON ACER CORE I3 Core I3 2120-3.3 4 mb,2 gb,500 gb Dos,Keyboard,Mouse	1		17/02/2012
130	IIG/4137	AVIII/70/611	M.B. Oak	Acer -Desktop PC	1		10/03/2012
131	IIG/409	AVIII/9/550	Prateek koli cont. staff	Acer -Desktop PC	1		28-02-2011
132	IIG/4121	AVIII/90/631	Computer section	HP Compaq Desktop PRO 3330MT PN. :- A3L26PA	1		05/10/2012
133	IIG/4119	AVIII/91/632	Returned to stores	HP Desktop PC	1		05-10-2012
134	IIG/4118	AVIII/92/633	Sunita Sawardekar	Acer -Desktop PC	1		27-09-2012
135	IIG/4117	AVIII/93/634	S. Amritharaj	HP Compaq Desktop PRO 3330MT PN. :- A3L26PA	1		10/10/2012
136	IIG/4113	AVIII/98/639	N.S. Walunj	Acer Veriton M200 Desktop	1		22/01/2013
137	IIG/4133	AVIII/74/615	Gopi k. Seemala	HP PRO 3330 MT Desktop	1		27/03/2012
138	IIG/4086	AVIII/127/668	Ajish P. Saji	HP Pro 3330 MT Desktop Intel Core I3 3230 3G	1		23/10/2013
139	IIG/4091	AVIII/122/663	Compu. Section for Biometric	Dell Optiplex 9020 Small Form Factor	1		01/10/2013
140	IIG/920	AVIII/75/616	Computer section	HP Pavilion DT.PT-1030IN I5 2400, 4 GB RAM , 1 TB HDD ,m 1 GB Graphic Card DVD Writer Key board optical mouse	1		28/03/2012
141	IIG/407	AVIII/5/547	B. I. Panchal	Dell Optiplex 9808 desktop	1		01-02-2011
142	IIG/4115	AVIII/95/636	Priyesh Kunnumal/Gurubaran	HP Desktop PC Intel Core I3	1		12/11/2012
143	IIG/4122	AVIII/89/630	Common Area	HP Compaq Desktop PRO 3330MT PN. :- A3L26PA	1		05/10/2012
144	IIG/75	AVIII/137/12	B. Veenadhari	Dell P 2414H 23.8inch Monitor	1		10/12/2013
145	IIG/4123	AVIII/88/629	Computer section	HP Compaq Desktop PRO 3330MT PN. :- A3L26PA	1		05/10/2012
146	IIG/4125	AVIII/86/627	K. Vijaykumar	Dell Optiplex 7010 Desktop Intel(R)	1		16/09/2012
147	IIG/4126	AVIII/85/626	S. Gurubaran	Dell Optiplex 7010 Desktop Intel(R)	1		16/09/2012
148	IIG/4128	AVIII/82/623	K. Deenadayalan	HP Pro 3330MT Desktop Intel Core I3 3.10 GHZ CPU Intel mother board 10/100 MBPS In Build LAN 3 GB DDR2 RAM /500 GB SATA HDD ATX	1		18/05/2012

149	IIG/4129	AVIII/81/622	K. Deenadayalan	HP Pro 3330MT Desktop	1		18/05/2012
150	IIG/4135	AVIII/72/613	G. S. Lakhine	HP Pro 3330MT Desktop	1		12/03/2012
151	IIG/4147	AVIII/56/597	Amit Kumar	HP Pro 3330MT Desktop	1		24/01/2012
152	IIG/4148	AVIII/55/596	M.G. Doiphode	Dell(TM) Vostro 360 Touch(BTS-500) 2G Intel(R)	1		24/01/2012
153	IIG/4150	AVIII/54/595	M.G. Doiphode	Dell(TM) Vostro 360 Touch(BTS-500) 2G Intel(R)	1		24/01/2012
154	IIG/4248	AVIII/44/585	Returned to stores	XPS 8300 Direct Base -White U2405161N8 -XPS Desktop	1		01/12/2011
155	IIG/4249	AVIII/43/584	Rakesh Nimje	XPS 8300 Direct Base -White U2405161N8 -XPS Desktop i5 2320 processor	1		30/11/2011
156	IIG/4253	AVIII/40/581	Rakesh Nimje	lomega R StoreCenter Px4-300d Network Storage 4 TB Capacity Desktop Form Factor	1		14/11/2011
157	IIG/4254	AVIII/37/578	Returned to stores	HP Desktop PC 1) HP Elite 7100 Desktop PC2 GB DDR 3 RAM	1		03/10/2011
158	IIG/4267	AVIII/24/566	Instrumentation section	HP DESKTOP PC HP Pavilion Slimlines	1		13/05/2011
159	IIG/402	AVIII/14/555	A.K. Singh	HP DC 7100 Desktop PC	1		28/03/2011
160	IIG/405	AVIII/15/556	K. Deenadayalan	HP DC 7100 Desktop PC with Intel Processor i3	1		30/03/2011
161	IIG/406	AVIII/16/557	Returned to Stores	HP DC 7100 Desktop PC	1		30/03/2011
162	IIG/724	AI(III)/145/437(A)	N. Basavaiah	HP Pavilion 6531 in Desktop with Intel Core i3 processor	1		29/03/2011
163	IIG/951	AVIII/156/540	B. Veenadhari	DELL Desktop Optiplex™ 980 DT BASE-N-Series Base	1		04/01/2011
164	IIG/952	AVIII/13/554	P.K. Birthare	ACER DESKTOP Veritron	1		23/03/2011
165	IIG/4138	AVIII/69/610	Returned to Stores	HP Pro 3330MT Desktop	1		06/03/2012
166	IIG/4242	AVIII/48/589	Returned to Stores	Desktop Veritron ACER Intel Core I3	1		13/12/2011
167	IIG/4277	AVIII/3/545	Returned to Stores	EMC CLARiiON CX4-120 Storage System	1		25/01/2011
168	IIG/5505	Proj2/191/1	Jyotima Kanaujia	Project Nanabhoy- Moos NMRF fellowship Dell Precision T1700	1		16/09/2014
169	IIG/5953	Proj2/186/1	Dr.S.V.Singh	Project Nanabhoy- Moos NMRF HP Pro 600G1	1		27/04/2015
170	IIG/5954	Proj2/187/2	S. Sripathi	Project Nanabhoy-Moos NMRF Dell Optiplex 9020 Mini Tower for Standard Power Supply	1		11/05/2015
171	IIG/7613	Proj2/28/3	Returned to Stores	Project CAWSES India Phase 2 XPS 8300 Direct Base White	1		30-03-2012
172	IIG/244	Proj2/155/1	S. Sripathi	Project CAWSES India Phase 2 XPS 8300 Direct Base White	1		30/11/2011
173	IIG/6058	Proj2/146/1	S.P.Anand	Project ONGC Dell Desktop PC 1013 Dell Optiplex TM	1		18/04/2011
174	IIG/244	Proj2/155/1	S. Sripathi	Project CAWSES India Phase 2 XPS 8300 Direct Base White	1		30/11/2011
175	IIG/6058	Proj2/146/1	S.P.Anand	Project ONGC Dell Desktop PC 1013	1		18/04/2011
176	IIG/7613	Proj2/28/3	Returned to Stores	Project CAWSES HP compaq Desktop HP 8200	1		30/03/2012
177	IIG/7709	AX/23/893	Susheel Kumar	Desktop Computer I5		1	31/03/2020
178	IIG/7710	AX/24/894	Susheel Kumar	Desktop Computer i7 & I5		1	31/03/2020
179	IIG/7711	AX/25/895	Susheel Kumar	Desktop Computer i7 & I5		1	31/03/2020
180	IIG/7712	AX/26/896	Susheel Kumar	Desktop Computer i7 & I5		1	31/03/2020

181	IIG/7714	AX/14/884	Natasha Arya	Desktop Computer i7		1	09/03/2020
182	IIG/7715	AX/15/885	Mujahed Baba	Desktop Computer i7		1	09/03/2020
183	IIG/7716	AX/16/886	Trunali A. Shah	Desktop Computer i7		1	09/03/2020
184	IIG/7717	AX/17/887	Ashish P. Jadhav	Desktop Computer i7		1	09/03/2020
185		AX/13/883	S. V. Singh	Dell Optiplex		1	12-03-2020
186		AX/28/898	S. Sripathi	Dell Optiplex		1	15-05-2020
187		AX/30/900	Nanda Shah	Lenova Thinkcentre		1	22-05-2020
188		AX/34/904	Varun Dongre	All in one PC		1	24-02-2020
189		AX/38/910	P. K. Birthare	Dell PC i5		1	27-05-2021
190		AX/38/911	Roopa Lathe	Dell PC i5		1	27-05-2021
191		AX/39/912	Sunita Sawardekar	Dell PC i5		1	27-05-2021
192		AX/39/913	Sakshee Naweale	Dell PC i5		1	27-05-2021
193		AX/39/914	Anoop.K. S.	Dell PC i5		1	27-05-2021
194	IIG/74	AVIII/137/12	Veenadhari	Dell Precision T1700 MT CTO Base, Intel Xeon Processor	1		10/12/2013
195	IIG/2855	AVI/185/8	A. K. Sinha	Workstation XW 4600[P/N - ND218PA]INTEL CORE2 DUO E9550 2.83GHz	1		22-01-2011
196	IIG/3300	AIX/13/686(d)	A. Kakad	Fujitsu W530 Workstation Sr.No YLNF041705 For HPC Cluster	1		22/10/2016
197	IIG/4077	AVIII/136/11	Tulasiram S.	Dell Precision T1700 MIBTX Base S/N 780509223165	1		16/01/2014
198	IIG/4078	AVIII/135/10	A. Kakad	Dell Precision T1700 MTC TO Base	1		07/11/2013
199	IIG/4083	AVIII/129/670	Gopi k. Seemala	Dell Precision T1700 MTC to Base	1		16/12/2013
200	IIG/4085	AVIII/128/669	R. V. Reddy	Dell Powerede R620 X 8 Chassis	1		16/11/2013
201	IIG/5584	Proj2/197/1	Tulasiram S.	Project SERB-DST Project Workstation Dell 3630 Intel Xeon E-2186M,Chipset C236, 23GB RAM,1TB HDD,24"Display,Windows 10, 3 yr warranty		1	26/11/2018
202	IIG/7603	AIX/152/863	Jotirma Kanauja	, 3yrs. warrantyDell precision 3630 Tower workstation C-PRECISION 3630 XEON E-2136/W SYST IN10 PRO with monitor E2417H S/N J9DH9X2		1	18/07/2019
203		Proj2/136/9	A. K. Sinha	HP 2400 6 DIMM Workstation	1		24-11-2010
204	IIG/7697	AX/12/882	Remya	Dell Per T3630 Xeon E-2236/32GB/256GB/1TB/DVDRW Workstation		1	06/03/2020
205		AVIII/21/562	Library section	Library Web Page Server	1		04-12-2011
206		AX/37/909	Amar Kakad	Dell Workstation Intel Xeon W1270		1	27-05-2021
			Total		169	37	

## List for Printers for Annual Maintenance

Sr. No.	Asset Code	Physical Number	Purchase Date	Asset Name	Location	Quantity
1	IIG/3288	AIX/90/764	14/02/2018	HP Design jet Plotter Z5600 44 -in post script E Printer CN7B35K011(Printer)	Panvel HQ-Documen.	1
2	IIG/3289	AIX/90/763	20/01/2018	HP LaserJet ProMFP M132NW Multifunction Black & White Printer P/No :G3Q62A Sr.No : VNFPP01913	Panvel HQ -Hindi section	1
3	IIG/3938	AIX/92/766	29/09/2017	Color Multifunction Printers (20 PPM Color MFPA4 M477FDW) 3 yr warranty	Colaba office-WDC	1
4	IIG/4084	AVIII/129/670(a)	09/12/2013	HP LJ Pro M1136 MFP Printer S/N CNJ8FB85MT 1 yr warranty	Panvel HQ	1
5	IIG/4114	AVIII/98/639(a)	18/01/2013	HP 3515 officejet All In One Printer S/N CN2931839C	Panvel HQ-Stores section	1
6	IIG/4120	AVIII/91/632(a)	19/02/2013	HP Office jet 4500 All In One Printer S/N CN15VG42HH	Panvel HQ	1
7	IIG/4127	AVIII/85/626(a)	18/02/2013	HP 7500 All In One Printer(1 yr) S/N MY2C3100Q	Panvel HQ	1
8	IIG/4153	AVIII/52/593(b)	05/07/2013	HP CJ Pro M1136MFP Printer S/N CNJ8F62G72	Panvel HQ	1
9	IIG/5197	AIX/131/825	17/09/2018	HP 1005 MFP MultiFunctional Printer	Panvel HQ	1
10	IIG/7694	A-IX/159/870	07/02/2020	Laserjet Printer HP PRO M227sdn	Panvel HQ-EM section	1
11		AX/35/905	23-03-2021	HP Laserjet printer M1005 MFP		1
12		AIX/155/866	13-01-2020	Canon MF 3010 B	Panvel HQ	1

## List for heavy duty printers for Annual Maintenance

Sr. No.	Asset Code	Physical Number	Purchase Date	Asset Name		Quantity
1		AVII/159/406	22-03-2011	HP Colour Laser jet CP6015DN	Panvel HQ-Library section	1
2	IIG/3939	AIX/92/767	13/11/2017	(Xerox NC 7220CPS) Main Item (20 PPM Color MFPA 3 ) 3 yr Warranty	Panvel HQ- Comp. section	1
3	IIG/3940	AIX/92/768	13/11/2017	(Xerox NC 7220CPS) Main Item (20 PPM Color MFPA 3 ) 3 yr Warranty	Panvel HQ- Comp. section	1
4	IIG/3949	AIX/98/775	10/03/2018	Multifunction Printer (20 PPM Colour MFP A4)3 yr warranty	Panvel HQ	1
5	IIG/4102	AVIII/113/642(C)	27/10/2014	Xerox Workcentre 7225 MFP Printer One Yr warranty	Panvel HQ-Docum. Section	1
6	IIG/5850	AIX/136/830	20/12/2018	HP Color LaserJet MFP M477fdw Printer CF379A	Panvel HQ-Director's office	1
7	IIG/5851	AIX/136/831	20/12/2018	HP Color LaserJet MFP M477fdw Printer CF379A	Panvel HQ-Director's office	1
8	IIG/7701	A-IX/158/869	06/02/2020	Cannon Image Class-MF631 CN Printer Serial No.:WUM14162	AIC Colaba	1
9	IIG/7869	AX/35/906	24/03/2021	Canan Multifunction Machine MF 643cdw	AIC Colaba	1
10	IIG/7870	AX/35/908	24/03/2021	HP Laser Jet MFP M436dn	Panvel HQ-Accounts section	1
11	IIG/7871	AX/36/707	24/03/2021	HP Laser Jet MFP M436 dn	Panvel HQ- Stores section	1



		HD WLED Anti-Glare (1366x768) London Slate Grey LCD back cover with webcam Safety, Environment, and										
5	AIX/170/58	ASUS Laptop 1015 E-CY041D Intel atom/celeron 1.2 Ghz/2GB DDR Ram/320 GB Sata HDD/10 inch screen wif if/bluetooth /webcam/1.5 kg weight 1 yrs warranty by ASUS sr no D5NOCX3659392 18	09/12/2013					1			1	
6	AVIII/192/50	Dell Latitude E5430 3rd gen Intel® Core™ i7-3540M processor (3.0 GHz, 4M Cache) Energy star 5.2, Latitude E5430 14" HD (1366 x 768) Antiglare LED backlit Touchpad and Trackshit, Dual Pointing HD Fixed focused webcam & Digital	24/05/2013	1							1	
7	Proj2/119/1	Dell Studio i5 laptop	21/07/2009	1		-				-	1	
8	AIX/176/64	Dell Latitude E440 3 Year Warranty	11-09-2014	1		-				-	1	
9	AIX/173/61	Sony Laptop (SVP1321XPNB) P/N 54599928 X Intel core i7 4500 u processor 4 gb ddr3 Ram 256 GB solid state drive 13.3 view antiglare screen 1 year warranty	13/12/2013	-	-	-	1			-	1	
10	Proj2/147/2	Sony laptop VPCEG28/FG/B/L/WModel VPCEG28FG/B/L/P/WCPU intel r core TM i5-2430 M processor 2.40 GHz	23-02-2012				1			-	1	
11	AIX/178/66	Dell Inspiron Laptop	08-07-2015	1						-	1	
12	AIX/13/686(b)	Fujitsu Lifebook A555	22-10-2016							-	1	<u>1</u>



32	AVIII/190/48	Acer Aspire one D270-26Ckk Intel Atom N2600, 25.65cm Acer Cine Crystal LED, 2GB DDR3, 320GB HDD, 802.11b/g/n Bluetooth® 2.1+EDR, Built-in-Webcam, 6 - Cell Li-ion battery Sr no. NUSGAS100324 1091EA7614 AVIII/190/48	21/02/ 2013					1				1	
33	AIX/172/60	Dell Latitude E7440 3 Year Warrantyt Intel Core i5-4200U Processor Base without Smart Card Reader 4th Gen Intel Core i5-4200U Processor (1.6 GHz, 3M Cache) DDPE Accelerator Not Included Energy Star 14.0 HD (1366x768) Anti- Glare WLED- backlit, WiGig/	09/12/ 2013	1								1	
34	Proj2/148/3	Sony vaio Laptop model no VPCCA35FN/whi tescreen sixe 14 inch CPU 2 nd gnerationi5- (2.40) HDD GB 500 RAM ,GB4 , graphics AMD 1 GBOS win 7 HP ODD DVD super multiweight (kg)2.45 kgBattery 6 cell others BT CAM HDMIsr no S01700000	30/03/ 2012			-	1			-		1	
35	AIX/177/65	Dell Inspiron 15R 7537	10-01- 2014	1						-		1	



36	AIX/182 /70	Lenovo New Edge E460	13-07- 2016			1				-		<u>1</u>	
37		Dell brandDell vosro 2520Intel core i 3 minimum/windo ws 8SL4 GB memory / 500 GB HDDIntel HD graphic/Video CardDVD R/W USB drive/15.6 inch minimum display3 yrs warrantySr no DLL7MV1Logitec h wireless presenter R400Plug play /Rad laser pointer with led indicatorbattery low indicator warranty 3 year	19-12- 2013	1		-				-		1	
	A(IX)/17 1/59												
38	AIX/190 /79	Lenova Think pad E470 , i3- 6006Uprocessor				1						1	
				15	3	5	4	7	1	1	2	35	3