

| भारतीय प्रौद्योगिकी संस्थान, रूड़की  | Indian Institute of Technology Roorkee |
|--------------------------------------|--|
| रूड़की–247667, हरिद्वार              | Roorkee-247667, Haridwar               |
| उत्तराखण्ड, भारत।                    | Uttarakhand, India                     |
| दूरभाष (कार्यालय):01332-28-4293/4693 | Phone (Office): 01332-28-4293/4693     |
| ईमेल: mmiitr@iitr.ac.in              | E-mail: mmiitr@iitr.ac.in              |

Tender Notice No.: 2025260004/MM-3/IITR/2025-26/Disposal of Obsolete/Unse/MM/4

#### Dated: 07.04.2025

Name of Work: Disposal of Obsolete/Unserviceable items on "As is where is basis" lying at various locations in IITR Main Campus

# SCHEDULE OF THE BID

| Name of Work                           | Disposal of Obsolete/Unserviceable              |  |  |
|--|---|--|--|
|  | items on "As is where is basis" lying at        |  |  |
|  | various locations in IITR Main Campus           |  |  |
| Date of Publishing                     | 07.04.2025 (15:00 HRS)                          |  |  |
| Clarification Start Date and Time      | 07.04.2025 (16:00 HRS)                          |  |  |
| Clarification End Date and Time        | 28.04.2025 (15:00 HRS)                          |  |  |
| Queries (if any)                       | No queries will be entertained after            |  |  |
|  | clarification end date and time                 |  |  |
| Bid Submission Start Date              | 07.04.2025 (17:00 HRS)                          |  |  |
| Last Date for submission of Bids       | 28.04.2025 (15:00 HRS)                          |  |  |
| Last Date and time of submitting EMD   | <b>D</b> EMD is required to be submitted online |  |  |
| and other documents at IIT Roorkee (if |   |  |  |
| any)                                   | (mentioned in the Bid Document) of IIT          |  |  |
|  | Roorkee before last of Bid submission.          |  |  |
| Date and time of opening of Technical  | 28.04.2025 (15:30 HRS)                          |  |  |
| Bids                                   |   |  |  |
| Date and time of opening of Financial  | Will be notified separately only to             |  |  |
| Bids                                   | Technically shortlisted/qualified bidders       |  |  |
|  | by CPP Portal                                   |  |  |

Interested parties may view and download the tender document containing the detailed terms and conditions from the website: *http://eprocure.gov.in/eprocure/app* 

(The bids must be submitted online in electronic form on www.eprocure.gov.in only. No physical bids will be accepted).

**Deputy Registrar (Material Management)** 



| भारतीय प्रौद्योगिकी संस्थान, रूड़की  | Indian Institute of Technology Roorkee |
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| उत्तराखण्ड, भारत।                    | Uttarakhand, India                     |
| दूरभाष (कार्यालय):01332-28-4293/4693 | Phone (Office): 01332-28-4293/4693     |
| ई—मेल: mmiitr@iitr.ac.in             | E-mail: mmiitr@iitr.ac.in              |

## **BID DOCUMENT**

# Name of Work: Disposal of Obsolete/Unserviceable items on "As is where is basis" lying at various locations in IITR Main Campus

Indian Institute of Technology, Roorkee invites bids through online mode (CPP Portal) for disposal of Obsolete/Unserviceable major/minor items on "As is where is basis" lying at various locations in IITR Main Campus. The detail of lot of unserviceable items is mentioned below:-

| Lot No. | Department/Office                         | Type of Items/No. of Items |
|---------|---|----------------------------|
| 01      | Architecture & Planning Deptt.            | 03/03                      |
| 02      | Mechanical & Industrial Engg. Deptt.      | 14/24                      |
| 03      | Academic Affairs Office                   | 50/92                      |
| 04      | Dean of Students' Welfare (CCB Office)    | 01/01                      |
| 05      | Deptt. of Management Studies              | 02/02                      |
| 06      | Finance & Accounts Office                 | 04/04                      |
| 07      | Deptt. of Civil Engineering               | 38/40                      |
| 08      | Deptt. of Chemical Engineering            | 27/28                      |
| 09      | Institute Computer Centre                 | 04/04                      |
| 10      | Earth Sciences Department                 | 08/35                      |
| 11      | Institute Sports Council                  | 32/40                      |
| 12      | Physics Department                        | 02/02                      |
| 13      | GATE-JAM Office                           | 34/44                      |
| 14      | Chemistry Department                      | 138/163                    |
| 15      | Electrical Engg. Department               | 56/184                     |
| 16      | E-Learning Centre                         | 24/53                      |
| 17      | Mathematics Department                    | 21/124                     |
| 18      | Institute Instrumentation Centre          | 03/19                      |
| 19      | Deptt. of Metallurgical & Materials Engg. | 78/216                     |

The above items can be inspected on any working day from 09:30 AM to 01:00 PM from the date of publication of tender, in the concerned Department/Office and the bid can be submitted online at CPP Portal. The Technical Bids will be opened on 28.04.2025 at 15:30 HRS and the Financial Bids will be opened thereafter, for which the intimation will be sent to Technically Evaluated Bidders through CPP Portal. For more information, please visit: *https://mm.iitr.ac.in/mmweb/* and CPP Portal: *https://eprocure.gov.in/eprocure/app* 

#### **Deputy Registrar (Material Management)**

#### **INSTRUCTIONS FOR THE BIDDERS**

- The bidders must possess a valid license duly issued by Central Pollution Control Board/State Pollution Control Board or any other authority and this license should be for dealing in the disposal of Hazardous Items, Non-Hazardous Items and E-Waste. The bidders must annex the self-certified copy of the license, failing which the bid shall stand cancelled.
- 2. <u>Earnest Money Deposit:-</u> The bidder has to deposit the Earnest Money of Rs. 50,000/- (Rupees Fifty Thousand Only) in the following Bank Account and after depositing the Earnest Money, signed copy of Acknowledgement/Receipt of the same is to be annexed with the bid:-

| Name of Account Holder | :    | NON-MHRD Government Fund IIT Roorkee    |
|------------------------|------|---|
| Account Number         | :    | 0000032685865515                        |
| Name of Bank           | :    | State Bank of India, Roorkee            |
| Branch Address         | :    | Indian Institute of Technology, Roorkee |
| IFS Code               | :    | SBIN0001069                             |
| MICR                   | :    | 247002094                               |
|                        | /114 |   |

- 3. Except the Highest Bidder (H1), the EMD of all other bidders will be refunded within 30 days after the opening of Technical Bids and the EMD of Highest Bidder (H1) will be refunded within 30 days after lifting of unserviceable/obsolete items from the concerned Department/Office/Bhawan.
- 4. **Submission of bids:-** The bids are required to be submitted through CPP Portal. No other mode of submission will be accepted.
- 5. The lot will be awarded to the Highest Bidder (H1). Further, the Institute has determined a Reserve Price/Scrap Value of the unserviceable items, which will be mentioned in the Technical Comparative Statement. In case, none of the participants/bidders quotes more than or equivalent to Reserve Price/Scrap Value, then further course of action will be taken by the Institute Disposal Committee keeping in view the nature of major/minor items and in this regard, the decision of the Institute Disposal Committee will be final and binding upon the bidders.
- 6. **Payment Terms:-** After opening financial bids, the letters will be issued to Highest Bidders for deposit of Bid amount with GST and the Highest Bidders have to deposit the amount within 07 working days and will submit the Receipt/Acknowledgement/System Generated Confirmation thereof to MM Section in hard copy or through official E-Mail of the bidder to *office.mm*@*iitr.ac.in.*

In case, the bidder fails to deposit the Sales Value with GST and other applicable taxes, then it will be presumed that bidder is not interested in lifting the unserviceable items from the Institute and in this case, the Institute at its discretion can offer the work to 2nd Highest Bidder on the rates quoted by H1 and the EMD deposited by the H1 will be forfeited. In this regard, the decision of the Institute will be final and the bidder will be liable to abide by the same.

- 7. Lifting of items by the bidders:- After deposit of Bid amount with GST by the bidder, the MM Section will issue Work Order (with copy of the same to concerned HoD/Dean/Chief Warden), on the basis of which the bidder will approach concerned Department/Section for lifting unserviceable items. Sufficient time (as mentioned in the Work Order) for lifting of unserviceable items will be given to the bidder and the bidder has to lift the scrap items within stipulated period. In case, the bidder feels that more time is required for lifting of the item due to any genuine reason, then the bidder will have to take prior approval from MM Section before completion of stipulated period mentioned in the Work Order, failing which his request for extension of time will not be considered.
- 8. The bidder will not create any nuisance or will not cause any damage to the Institute or its premises during the lifting of obsolete/unserviceable items. In case, during the lifting of obsolete items from the Institute, any damage is caused to the premises of

the Institute, the bidder will be responsible to make the same good at his own cost, failing which the EMD will be forfeited and the Institute will have the right to take any other action, which it deems fit.

- 9. At the time of submission of bid, the bidder should satisfy himself that the items are available for disposal on "As is where is basis". The bidder will not be allowed to segregate/re-assemble the items at the Institute premises.
- 10. During the lifting of obsolete/unserviceable items, if the Worker/Labour of the bidder receives any injury, then the Institute will have no responsibility of any kind towards the same and the bidder will have to settle the dispute/claim, if any, at its own level.
- 11. The bidder is required to lift the obsolete/unserviceable items within the period specified in the letter, failing which the Institute can take necessary action as it will deem fit and the bidder will have no objection with regard to the action of the Institute.
- 12. The bidder will ensure himself that he is in the possession of requisite Certification/Authorization from the concerned Department/Ministry/Pollution Control Board etc. for disposal of items, which are allotted to him for disposal. In this regard, the bidder will keep the Institute safe from all angles and the Institute will not be liable for any negligence on the part of the bidder. It will be the responsibility of the bidder to dispose off the items in a safe and prescribed manner as per the norms/guidelines/instructions issued by Central Pollution Control Board/State Pollution Control Board/Ministry of Environment & Forests etc.
- 13. At the time of lifting obsolete/unserviceable items from the Department/Section/Unit, the bidder will ensure that the items are as per the list enclosed with the Tender Document. In case, the items mentioned in the list of items are not available at spot, then in this regard, the bidder will have to inform to Material Management Section and during the pendency of matter, the items of allotted lot will not be lifted by the bidder.

#### **OTHER TERMS & CONDITIONS:-**

- 1. After the publication of Tender on CPP Portal, the bidder can visit the Departmental Store w.e.f. 08.04.2025 to 28.04.2025 (on working days) from 09:30 AM to 01:00 PM for inspection of the items and can clear any query with respect to the obsolete/unserviceable items. After submission of bid, the Institute will not consider any query in this regard.
- 2. The Institute reserves right to cancel (partially or completely) any one or all the bids without assigning any reason.
- 3. The decision of the Institute with regard to eligibility, acceptance/rejection of bid will be final and will be binding upon the bidders.
- 4. Before submission of bid, the bidders must go through the Tender Document and ensure their eligibility.
- 5. The Institute will not be responsible for any delay in submission of the bids.
- 6. Interim correspondence will not be entertained. After opening of the bids and declaration of H1 bidder, there will be no correspondence with any other bidder or firm.
- 7. If any bidder conceals any information or submits wrong information, then the bid of this bidder can be rejected at any stage and the decision of the Institute will be final for taking any other action, which it deems fit.
- 8. It is mandatory for the bidders to dispose/use the obsolete/unserviceable items without causing any harm to the Environment and in accordance with the Notification dated 28th March, 2016 issued by Ministry of Environment, Forests and Climate Change, Govt. of India.
- 9. For any correction or change in the Tender Document, the Corrigendum will be issued on Institute website: *https://mm.iitr.ac.in/mmweb/* and CPP Portal, hence the bidders are requested to visit the Institute website and CPP Portal time to time during the bid period.

- 10. **Arbitration:** If any dispute which may arise with respect to any term and condition or with respect to the interpretation of any term and condition of the Sales Order/Work Order, which may be issued to the qualified and successful tenderer subsequently, the same shall be settled strictly in accordance with and in compliance of the Arbitration procedure which is mentioned descriptively in the Sales Order/ Work Order.
- 11. **Force Majeure:** For the purpose of and within the scope of contract by way of indication and not of limitation, the term "Force Majeure" shall mean acts of nature, strikes, Lockouts, or other industrial disturbances, act of public/enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms lightening, flood, washouts, civil disturbances, explosion and any other similar even not within the control of either party on which by exercise of due care and diligence neither party is able to prevent or overcome.

#### **Deputy Registrar (Material Management)**

#### (A) Instructions for Online Bid Submission

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 CPP Portal.

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

#### **Registration:**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link **"Online Bidder Enrolment"** on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a Unique Username and assign a Password for their accounts.
- 3) Bidders are advised to register their valid E-Mail address and Mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority registered by CCA India (e.g. Sify/nCode/eMudhra etc.) with their profile.
- 5) 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 DSCs to others which may lead to misuse.
- 6) 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.

#### Searching for Tender Documents:

- 1) 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, 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 Organisation Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) 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.
- 3) 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.

#### **Preparation of Bids:**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and 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 contents of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) 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.
- 4) 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.
- **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.

#### Submission of Bids:

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ, open it and complete the blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot

be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (i.e. after Clicking, "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### Assistance to Bidders:

- 1) 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.
- 2) 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.

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#### (B) Instruction for e-Procurement

#### 1. **Preparation and Submission of Bids:**

- The tender document be downloaded a) detailed may from http://eprocure.gov.in/eprocure/app till the last date of submission of tender. submitted The Tender may be online through CPP Portal http://eprocure.gov.in/eprocure/app
- b) The bidder should submit the bid online in two parts viz. Technical Bid and Financial Bid. Technical Bid should be uploaded online in Cover 1 and Financial Bid in ".XIs" should be uploaded online in Cover 2.
- 2. **Submission of the Bid:** All interested eligible bidders are requested to submit their bids online on CPP Portal: http://eprocure.gov.in/eprocure/app as per the criteria given in this document:
  - a) Technical Bid should be uploaded online in Cover 1.
  - b) Financial Bid should be uploaded online in Cover 2.
     Both Technical and Financial Bid covers should be placed online on CPP Portal (http://eprocure.gov.in/eprocure/app).
- 3. **Technical Bid:** Signed and Scanned copies of the Technical bid documents as under must be submitted online on CPP Portal: http://eprocure.gov.in/eprocure/ app
  - a) List of Documents to be scanned and uploaded (under Cover 1) within the period of bid submission:-
    - I. Scanned copy of Bank details.
    - II. Acknowledgement of EMD payment.
    - III. Scanned copy of E-waste registration certificate and other certifications/authorization for dealing with the disposal of obsolete/unserviceable items of the Institute, which is mandatory.
    - IV. Scanned copy of certificate of GST
    - V. Scanned copy of any other document mentioned in Tender Document (if any)
    - VI. Declaration/Undertaking with regard to non-blacklisting of the bidder (as per Annexure-I)
    - VII. Declaration/Undertaking with regard to genuineness of documents (as per Annexure-II)

# NOTE - No indication of rates/amounts be made in any of the documents submitted with TC-BID.

#### 4. Financial Bid:

a) The currency of all quoted rates shall be Indian Rupees. All payments shall be made in Indian Rupees.

b) In preparing the financial bids, bidders are expected to take into account the requirements and conditions laid down in this tender document. The

financial bids should be uploaded online as per the specified ".Xls" format i.e. Price Bid Excel sheet attached as ".xls" with the tender and based on the scope of work, service conditions and other terms of the tender document. It should include all cost associated with the terms of reference/Scope of work of the assignment.

c) The financial proposal should be inclusive of all applicable taxes, duties, fees, levies, and other charges imposed under the applicable taxes, duties etc. except service tax. The service tax component shall be reimbursable by the department after receipt of paid challans etc. if applicable.

#### 5. Last Date for submission of Tender:

a) Online bids complete in all respects, must be submitted on or before the last date and time specified in schedule of events.

b) The IIT, Roorkee may, at its own discretion, alter/extend the last date for submission of tender.

#### 6. Bid Validity:

- a) All the bids must be valid for period of 90 days from the opening of financial bid of the tender for execution of the contract. However, the quoted rates should be valid for the initial/extended period of the contract from the effective date of the contract. No request will be considered for price revision during the original bid period.
- b) A bid valid for a shorter period shall be declared as non-responsive.
- c) In exceptional circumstances, prior to expiry of the original time limit, the IIT Roorkee may request the bidder to extend the period of validity for a specified additional period beyond the original validity of 90 days. The request and bidder's response shall be made in writing. The bidders, not agreeing for such extensions will be allowed to withdraw their bids without forfeiture of their Bid Security.

#### 7. Modification / Substitutions / Withdrawal of Bids:

a) No bid shall be modified, substituted or withdrawn by the bidder after the Bid's due date.

b) Any alteration/ modification in the bid or additional information supplied subsequent to the Bid's due date, unless the same has been expressly sought for by the Authority, shall be disregarded.

- 8. **Rejection of the Bid:** The bid submitted shall become invalid and tender fee shall not be refunded if:
  - a) The bidder is found ineligible.
  - b) The bidder does not upload all the documents as stipulated in the bid document.

#### 9. Selection Criteria:

#### Phase-I: Technical Evaluation

Technical evaluation will be done on the basis of information given by technical bid submitted by the bidders. Bid containing partial, incomplete, uncleared and superfluous and unwanted information will be summarily rejected.

Technical declaration must be supported with relevant document. Discrepancy in relevant supporting document and technical compliance sheet shall lead to rejection of technical bids.

#### Phase-II

- a) Financial bids of technically qualified and approve samples bidders shall be opened.
- b) Financial evaluation is purely done on the total financial implication.
- c) Any superfluous, unreasonable assets rate quotes will be summarily rejected.

#### UNDERTAKING W.R.T. NON-BLACKLISTING OF THE BIDDER

Tender Notice No.: 2025260004/MM-3/IITR/2025-26/Disposal of Obsolete/Unse/MM/4 Dated: 07.04.2025

#### Name of Work: **Disposal of Obsolete/Unserviceable items on "As is where is basis" Iying at various locations in IITR Main Campus**

We, hereby certify that all the information and data furnished by our organization with regard to these tender specifications are true and complete to the best of our knowledge. We have gone through the specifications, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

We, further specifically certify that our organization has not been Blacklisted/Delisted or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.

Dated:

Signature of Authorised Signatory with stamp (Name of the person)

#### UNDERTAKING W.R.T. GENUINENESS OF DOCUMENTS

Tender Notice No.: 2025260004/MM-3/IITR/2025-26/Disposal of Obsolete/Unse/MM/4 Dated: 07.04.2025

# Name of Work: Disposal of Obsolete/Unserviceable items on "As is where is basis" lying at various locations in IITR Main Campus

We, hereby certify that all the documents submitted by our firm with regard to E-Waste, Battery Scrap and other certification/authorization are genuine, true and correct to the best of our knowledge and belief. We have gone through the specifications, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

We, further specifically certify that if any default comes to the notice of IIT Roorkee at any time w.r.t. documents submitted by our firm, then we shall be liable for the action, which the Institute will take against us and we shall also be liable to make good the loss, if any, which may be suffered by the Institute due to our act, conduct, commission, omission and negligence etc.

Dated:

Signature of Authorised Signatory with stamp (Name of the person)

| Sr.<br>No. | Description of Item                        | Qty.<br>(in<br>Nos.) | Certification required         |
|------------|--|----------------------|--------------------------------|
| 1          | 15KVA UPS online with 30 min Back up time. | 01                   | Authorization for              |
| 2          | Printer Make Canon model LBP 3500 A3 Size  | 01                   | Battery                        |
| 3          | 15KVA Online UPS Make: AZ Electronics      | 01                   | recycler/disposal<br>& e-waste |

# LOT NO. 1: ARCHITECTURE & PLANNING

# LOT NO. 2: MECHANICAL & INDUSTRIAL ENGG. DEPTT.

| Sr.<br>No. | Description of Item   | Qty.<br>(in<br>Nos.) | Certification required |
|------------|---|----------------------|------------------------|
| 1          | MICRO TENSILE TESTER  | 1                    | Authorization for      |
| 2          | MECHANICAL ENGG SOFTWARE CD   | 1                    | Battery                |
| 3          | DIGITAL COPIER MACHINE  | 1                    | recycler/disposal      |
| 4          | HINDUSTAN UNIVERSAL MILLING MACHINE SIZE-2<br>TYPE M2U WITH ALL ACCESSORIES                       | 1                    | & e-waste              |
| 5          | AC VARIALE SPEED DRIVE FOR 4KW/5HP<br>INDUCTION MOTOR PULSER ELCTRONIC AC<br>VARIABLE SPEED DRIVE | 1                    |                        |
| 6          | UPS 5 KVA   | 1                    |                        |
| 7          | SAS MAKE AC 80 EDDY CURRENT DYNAMMETER  | 1                    |                        |
| 8          | CONTROL SYSTEMFOR EDDY CURRENT  | 1                    |                        |
| 9          | UNIVERSAL ENGINE TEST BED TYPE  | 1                    |                        |
| 10         | EZ-7001- NO. SENSOR   | 1                    |                        |
|            | AOL Make 30 KW DC Motor in AOR-160-ML Frame, 440/200V, 1500 RPM , SI. No. 59/9206073              | 1                    |                        |
| 11         | AOL Make DTG-P-143-0 Type TACHO, Sl. No. 54/P/9206022   | 1                    |                        |
|            | Housing & Coupling  | 1                    |                        |
|            | D.C. Drives AOL Make 30 KW/40 HP THY. Convertor   | 1                    |                        |
| 12         | Control Panel Suitable 440 V DC / 1500 RPM  |                      |                        |
|            | THYRISTOR Convertor Suitable for 30 KW DC Motor.  |                      |                        |
|            | Eddy Current Dynamometer Model (ECB-100).   | 1                    |                        |
|            | E.C. Dynamometer (S. No. 8901) Basic Electro. Mech. Unit.   | 1                    |                        |
| 13         | Dynamometer Controller with RPM Indicator (S. No. 2DC/8901).                                      | 1                    |                        |
|            | Digital Load Indicator (S. No. 100LC/8901).   | 1                    |                        |
|            | Digital Fuel Consumption Time Indicator (S. No. VSKC/890386) with piped assembly.                 | 1                    |                        |
|            | Digital Temperature Indicator with Sensor   | 1                    |                        |
|            | Add-on-Card Computer & Deskjet Printer (TDVC-4010)  | 1                    |                        |
|            | Window based Random Vibration Controller TSVC-<br>4210  | 1                    |                        |
| 14         | Window based Random Vibration Controller TSVC-<br>4410  | 1                    |                        |
|            | Inter Connection hardware (wires)   | 1                    |                        |
|            |   | 24                   |                        |

| Sr.    | Description of Item                              | Qty.         | Certification                |
|--------|--|--------------|------------------------------|
| No.    |  | (in<br>Nos.) | required                     |
| 1      | Bhoto Cony Machina (Biach)                       | 01           | Authorization for            |
| 1      | Photo Copy Machine (Ricoh)                       | 01           |                              |
| 3      | Photo Copy Machine (Toshiba)<br>Printer(Samsung) | 01           | Battery<br>recycler/disposal |
| 3      |  | 01           | & e-waste                    |
| 4<br>5 | Photo Copy Machine (Toshiba)                     | 01           | a c-wasie                    |
| 5<br>6 | Photo Copy Machine (Toshiba)                     | 01           |                              |
| б<br>7 | Photo Copy Machine (Ricoh)                       |              |                              |
|        | 3800dn Printer (HP)                              | 01           |                              |
| 8      | Printer(Canon)/Photo Copier                      | 01           |                              |
| 9      | Projector  | 14           |                              |
| 10     | Projector  | 07           |                              |
| 11     | Laptop   | 01           |                              |
| 12     | Photocopier Machine (Toshiba)                    | 01           |                              |
| 13     | Printer (HP)                                     | 01           |                              |
| 14     | Printer (Samsung)                                | 02           |                              |
| 15     | Printer (HP)                                     | 01           |                              |
| 16     | Printer (HP)                                     | 01           |                              |
| 17     | Printer (HP)                                     | 02           |                              |
| 18     | Laptop   | 01           |                              |
| 19     | Printer (Samsung)                                | 01           |                              |
| 20     | Monitor (Dell)                                   | 02           |                              |
| 21     | Monitor (HP)                                     | 01           |                              |
| 22     | Laptop   | 01           |                              |
| 23     | Monitor (HP)                                     | 01           |                              |
| 24     | CPU (HP)   | 01           |                              |
| 25     | Monitor (HP)                                     | 02           |                              |
| 26     | CPU HP Compaq Elite 8300                         | 01           |                              |
| 27     | CPU (HP)   | 02           |                              |
| 28     | Monitor (HP)                                     | 01           |                              |
| 29     | CPU HCL  | 01           |                              |
| 30     | CPU Acer   | 01           |                              |
| 31     | CPU Dell   | 02           |                              |
| 32     | Desktop  | 01           |                              |
| 33     | Scanner HP                                       | 01           |                              |
| 34     | All in one PC (HP)                               | 01           |                              |
| 35     | UPS (1 KVA) (APC)                                | 01           |                              |
| 36     | UPS (1 KVA) (APC)                                | 01           |                              |
| 37     | Monitor  | 02           |                              |
| 38     | CPU  | 02           |                              |
| 39     | Monitor (LG)                                     | 01           |                              |
| 40     | Monitor (HP)                                     | 01           |                              |
| 41     | RO Kent  | 01           |                              |
| 42     | Printer (HP)                                     | 01           |                              |
| 43     | CPU (HP)   | 01           |                              |
| 44     | UPS  | 02           |                              |
| 45     | UPS  | 02           |                              |
| 46     | UPS  | 02           |                              |
| 47     | UPS  | 01           |                              |
| 48     | UPS  | 01           |                              |
| 49     | UPS  | 02           |                              |

# LOT NO. 3: ACADEMIC AFFAIRS OFFICE

| 50 | UPS | 12 |  |
|----|-----|----|--|
|    |     | 92 |  |

#### LOT NO. 4: CCB OFFICE

| Sr.<br>No. | Description of Item                                      | Qty.<br>(in<br>Nos.) | Certification required   |
|------------|--|----------------------|--------------------------|
| 1          | Xerox Machine - Ricoh, Digital Copier (Aticio, MP2000Le) | 1                    | E-waste<br>authorization |

#### LOT NO. 5: DEPTT. OF MANAGEMENT STUDIES

| Sr.<br>No. | Description of Item                     | Qty.<br>(in<br>Nos.) | Certification required       |
|------------|---|----------------------|------------------------------|
| 1          | UPS 5.0 kva online ups Make Plustech    | 1                    | Authorization for            |
| 2          | Online UPS 5 KVA with 16 Battery & rack | 1                    | Battery<br>recycler/disposal |

# LOT NO. 6: FINANCE & ACCOUNTS OFFICE

| Sr.<br>No. | Description of Item    | Qty.<br>(in<br>Nos.) | Certification required |
|------------|------------------------|----------------------|------------------------|
| 1          | Toshiba E-Studio Xerox | 1                    | Authorization for      |
| 2          | Xerox Printer          | 1                    | Battery                |
| 3          | FIPI Printer           | 1                    | recycler/disposal      |
| 4          | UPS                    | 1                    | & e-waste              |

# LOT NO. 7: DEPTT. OF CIVIL ENGG.

| Sr.<br>No. | Description of Item   | Qty. (in<br>Nos.) | Certification required |
|------------|---|-------------------|------------------------|
| 1          | Conductivity/TDS Meter Microprocessor-Based Aqualytic         | 1                 | E-waste                |
| 2          | COD Reactor Aqualytic   | 2                 | Note-                  |
| 3          | Bench Top Turbidity Meter, HACH                               | 1                 | lt is                  |
| 4          | Sound Level Meter SLM100                                      | 1                 | considered             |
| 5          | Multiparameter Meter, ORION                                   | 1                 | that no items          |
| 6          | AVL Digas 444-5 Gas Analysor                                  | 1                 | with radiation         |
| 7          | Technico Bottle Shaker  | 1                 | properties are         |
| 8          | Portable TSS/Portable Turbidity/Sludge Blanket Level Analyser | 1                 | involved in this list. |
| 9          | Multi parameter Digital Meter                                 | 1                 |                        |
| 10         | UV-VIS Spectrophotometer                                      | 1                 |                        |
| 11         | Incubator Shaker  | 1                 |                        |
| 12         | Multi Parameter Kit with Detc Acquisition System              | 1                 |                        |
| 13         | Thermostatically Controlled Incubator                         | 1                 |                        |
| 14         | Twin Chamber Verni Reactor                                    | 1                 |                        |
| 15         | Twin Chamber Verni Reactor                                    | 1                 |                        |
| 16         | Soil Moisture Meter   | 1                 |                        |
| 17         | Total Kjeldhal Nitrogen (TKN) Analyser                        | 1                 |                        |
| 18         | Multiparameter Analysis Kit                                   | 2                 |                        |
| 19         | PH Meter with Ion Analyser                                    | 1                 |                        |

| 20 | Sound Level Analyser                                 | 1  |  |
|----|--|----|--|
| 21 | Road Time Environmental Monitor                      | 1  |  |
| 22 | Analytical balance SHIMADZU -01 no.                  | 1  |  |
| 23 | Ozone Generator with ventury injector and flow meter | 1  |  |
| 24 | Digital Soil Moisture & Temp. Meter                  | 1  |  |
| 25 | Bench top pH/Conductivity Meter                      | 1  |  |
| 26 | Lab. pH Meter  | 1  |  |
| 27 | Metrohom Ion Chromatograph HP Compaq PC              | 1  |  |
| 28 | Multi parameter Digital Meter Model HQ400 HACH USA   | 1  |  |
| 29 | Water Permeability Apparatus                         | 1  |  |
| 30 | Real Time Analysis of stresses using Conditioning    | 1  |  |
| 30 | Module 90 Channel                                    |    |  |
| 31 | Real Time Analysis of stresses using Conditioning    | 1  |  |
| 31 | Module 90 Channel                                    | 1  |  |
| 32 | Split Type Electric Furnace                          | 1  |  |
| 33 | Hydraulic Power Pack Double Acting Hydraulic Linear  | 1  |  |
| 55 | Actuator   |    |  |
| 34 | Data Acquisition system                              | 1  |  |
| 35 | Pressure Test Pump                                   | 1  |  |
| 36 | Data Logger  | 1  |  |
| 37 | Top Loading Balance                                  | 1  |  |
| 38 | Temperature & Humidity Chamber                       | 1  |  |
|    |  | 40 |  |

## LOT NO. 8: CHEMICAL ENGG. DEPTT.

| Sr.<br>No. | Description of Item   | Qty.<br>(in<br>Nos.) | Certification required |
|------------|---|----------------------|------------------------|
| 1          | Bernoull's theorem app  | 1                    | E-waste                |
| 2          | Discharge through venture, orifice, rotameter setup                                   | 1                    | Authorization          |
| 3          | Pitot tube app.   | 1                    |                        |
| 4          | Thickner  | 2                    |                        |
| 5          | Ball mill   | 1                    |                        |
| 6          | Fixed bed   | 1                    |                        |
| 7          | Plate and frame Filter press  | 1                    |                        |
| 8          | Microprocessor based gas calorimeter  | 1                    |                        |
| 9          | Netal microprocessor base GC. Model micro-9100 with TCD and FID with Recording device | 1                    |                        |
| 10         | Muffle furnace  | 1                    |                        |
| 11         | Adsorption in a packed bed  | 1                    |                        |
| 12         | Liquid-Liquid Extraction  | 1                    |                        |
| 13         | Tray Dryer (Drying Oven)  | 1                    |                        |
| 14         | Plug Flow Reactor   | 1                    |                        |
| 15         | Control valve setup (Old)   | 1                    |                        |
| 16         | BOD Analysis System with sensors  | 1                    |                        |
| 17         | D.C. Power Supply   | 1                    |                        |
| 18         | Orbital Shaking Incubator   | 1                    |                        |
| 19         | AAS Instrument  | 1                    |                        |
| 20         | Accessories   | 1                    |                        |
| 21         | Elix-3 (Millipore) With Accessories<br>MQB CONTURY                                    | 1                    |                        |
| 22         | Electronic Balance  | 1                    |                        |
| 23         | Trinocular Microscope with Camera   | 1                    |                        |

| 24 | Deep Freezer              | 1  |  |
|----|---------------------------|----|--|
| 25 | Plant Growth Chamber      | 1  |  |
| 26 | Shaking Incubator         | 1  |  |
| 27 | Orbital Shaking Incubator | 1  |  |
|    |                           | 28 |  |

# LOT NO. 9: INSTITUTE COMPUTER CENTRE

| Sr.<br>No. | Description of Item                   | Qty.<br>(in<br>Nos.) | Certification required |
|------------|---------------------------------------|----------------------|------------------------|
| 1          | IP Streamer Optibase with all access. | 01                   | Authorization for      |
| 2          | Float Cum Boost Charger 48V DC        | 01                   | Battery                |
| 3          | CANON Photocopier Machine             | 01                   | recycler/disposal      |
| 4          | MF-VRLA (Battery Bank 48 Volt)        | 01                   | & e-waste              |

## LOT NO. 10: EARTH SCIENCES

| Sr.<br>No. | Description of Item  | Qty.<br>(in<br>Nos.) | Certification required                               |
|------------|--|----------------------|--|
| 1          | Lab Jaw Crusher with Accessories   | 2 Set                | No certificate/                                      |
| 2          | Centrifugal ball mill S100 220-240 V, 50 MHz with reversing mechanism for feed size upto 10 mm and final size 1.0 micron | 01                   | authorization is<br>required for<br>participating in |
| 3          | Grinding jars, Tungten Carbide 50 ml volume  | 02                   | this lot   |
| 4          | Spare seal rubber for griding jars 50 ml for 5 Nos   | 02<br>Set            |  |
| 5          | Universal adaptor for grinding S-50 ml for reducing centring and stacking of non-ceramic jar                             | 01                   |  |
| 6          | Sleeve for centring/reducing and griding jar type S-50 ml  | 01                   |  |
| 7          | Grinding balls – Tungsten carbide size 10 mm dia   | 20<br>Balls          |  |
| 8          | Grinding balls – Tungsten carbide size 20 mm dia   | 6<br>balls           |  |

## LOT NO. 11: INSTITUTE SPORTS COUNCIL

| Sr.<br>No. | Description of Item     | Qty.<br>(in<br>Nos.) | Certification required |
|------------|-------------------------|----------------------|------------------------|
| 1          | Tennis Gut machine      | 01                   | E-waste                |
| 2          | Tennis Ball Trolley     | 01                   | authorization          |
| 3          | Tennis Net Poll         | 01                   |                        |
| 4          | Grass cutting (machine) | 01                   |                        |
| 5          | Exercise Cycle          | 01                   |                        |
| 6          | Multigym                | 01                   |                        |
| 7          | Inverter                | 01                   |                        |
| 8          | Stepper                 | 01                   |                        |
| 9          | Iron bench              | 01                   |                        |
| 10         | Tread mill              | 01                   |                        |
| 11         | Bicycle                 | 01                   |                        |
| 12         | UPS                     | 01                   |                        |
| 13         | Stepper cycle           | 01                   |                        |

| 14 | Vacuum cleaner    | 01 |
|----|-------------------|----|
| 15 | Volleyball pole   | 01 |
| 16 | Dumbbell 12.30    | 01 |
| 17 | Dumbbell 5 kg     | 02 |
| 18 | Dumbbell 7.30 kg  | 01 |
| 19 | Dumbbell 7.30 kg  | 01 |
| 20 | Dumbbell 4 kg     | 01 |
| 21 | Dumbbell 7.30 kg  | 01 |
| 22 | Dumbbell 10 kg    | 01 |
| 23 | Dumbbell 7.30 kg  | 01 |
| 24 | Dumbbell 15 kg    | 02 |
| 25 | Dumbbell 6 kg     | 01 |
| 26 | Plate             | 01 |
| 27 | Barbell           | 01 |
| 28 | Push up stand     | 07 |
| 29 | Weight machine    | 01 |
| 30 | Exhaust fan       | 01 |
| 31 | Tread Mill FM     | 01 |
| 32 | Lawn mover diesel | 01 |
|    |                   | 40 |

## LOT NO. 12: PHYSICS DEPARTMENT

| Sr.<br>No. | Description of Item  | Qty.<br>(in<br>Nos.) | Certification required   |
|------------|--|----------------------|--------------------------|
| 1          | Colour Video Projection Monitor Model SVP 201P with screen size 8/10 ft. | 01                   | E-waste<br>authorization |
| 2          | Storage Oscilloscope with probe kitX10 and X1 and service manual         | 01                   |                          |

## LOT NO. 13: GATE-JAM OFFICE

| Sr.<br>No. | Description of Item                            | Qty.<br>(in<br>Nos.) | Certification required |
|------------|--|----------------------|------------------------|
| 1          | Rack Mount Server 2U                           | 1                    | Authorization for      |
| 2          | Multi Media Projector Model No. CP-X3511       | 1                    | Battery                |
| 3          | Multi Media Projector Model, No. CPX4014WN     | 1                    | recycler/disposal      |
| 4          | UPS On-line 5 KVA, Make: Luminous              | 1                    | & e-waste              |
| 5          | RICOH Digital Photocopier, Model No. MP-2000L2 | 1                    |                        |
| 6          | RICOH AFFICIO MP-C3502 RC Colour Machine       | 1                    |                        |
| 7          | HP Pavilion Desktop AIO-21-A256IN              | 3                    |                        |
| 8          | Alkon Multi System                             | 2                    |                        |
| 9          | Laser Printer Canon                            | 1                    |                        |
| 10         | Desktop Computer Intel core 2Due               | 1                    |                        |
| 11         | Media Convertor DES                            | 2                    |                        |
| 12         | UPS 2 KVA online, Make Lie Bert Emerson        | 1                    |                        |
| 13         | Dot Matrix Printer Make: EPSON                 | 1                    |                        |
| 14         | Oil Filled Radiation Heater                    | 1                    |                        |
| 15         | Scanner, Make: Canon                           | 1                    |                        |
| 16         | Scanner Make: Canon                            | 1                    |                        |
| 17         | AC Stabilizer Wall Mounted                     | 1                    |                        |
| 18         | Desktop Computer Core i5 Processor,            | 1                    |                        |

| 19 | Desktop Computer Core i5 Processor | 1  |  |
|----|------------------------------------|----|--|
| 20 | Desktop Computers core i5,         | 1  |  |
| 21 | Desktop Computers core i5          | 1  |  |
| 22 | Desk Top Computer Core i5          | 1  |  |
| 23 | Desk Top Computer Core-i3          | 1  |  |
| 24 | TFT Monitor,                       | 2  |  |
| 25 | TFT Monitor,                       | 1  |  |
| 26 | TFT Monitor, Make: HP              | 1  |  |
| 27 | TFT Monitor                        | 2  |  |
| 28 | TFT Monitor                        | 1  |  |
| 29 | Multi Media 2.1 Speaker System     | 1  |  |
| 30 | AC Stabilizer Wall Mounted         | 1  |  |
| 31 | TFT Monitor, Make: Dell            | 3  |  |
| 32 | TFT Monitor, Make: Dell            | 3  |  |
| 33 | Smart UPS APC 1 KVA,               | 1  |  |
| 34 | Air Purifier Make: Dr. Aeroguard   | 1  |  |
|    |                                    | 44 |  |

# LOT NO. 14: CHEMISTRY DEPARTMENT

| Sr.<br>No. | Description of Item            | Qty.<br>(in<br>Nos.) | Certification required |
|------------|--------------------------------|----------------------|------------------------|
| 1          | Centrifuge                     | 01                   | Authorization for      |
| 2          | Centrifuge                     | 01                   | Battery                |
| 3          | Centrifuge                     | 01                   | recycler/disposal      |
| 4          | Refrigerator                   | 01                   | & e-waste              |
| 5          | Book Case with glass partition | 01                   |                        |
| 6          | Book Case with glass partition | 01                   |                        |
| 7          | Almirah                        | 01                   |                        |
| 8          | Digital Polarimeter            | 01                   |                        |
| 9          | Scanner                        | 01                   |                        |
| 10         | Thermo Bath                    | 01                   |                        |
| 11         | Scanner                        | 01                   |                        |
| 12         | Flame photometer               | 01                   |                        |
| 13         | Centrifuge                     | 01                   |                        |
| 14         | Projector                      | 01                   |                        |
| 15         | CVT                            | 01                   |                        |
| 16         | Rotatory Evaporator            | 01                   |                        |
| 17         | Stabilizer                     | 01                   |                        |
| 18         | Printer                        | 01                   |                        |
| 19         | Scanner                        | 01                   |                        |
| 20         | Stabilizer                     | 01                   |                        |
| 21         | pH meter                       | 01                   |                        |
| 22         | pH meter                       | 01                   |                        |
| 23         | pH meter                       | 01                   |                        |
| 24         | Stabilizer                     | 01                   |                        |
| 25         | Magnetic Stirrer               | 01                   |                        |
| 26         | Magnetic Stirrer               | 01                   |                        |
| 27         | Magnetic Stirrer               | 01                   |                        |
| 28         | Magnetic Stirrer               | 01                   |                        |
| 29         | Magnetic Stirrer               | 01                   |                        |
| 30         | Magnetic Stirrer               | 01                   |                        |
| 31         | Magnetic Stirrer               | 01                   |                        |

| 3       Water Bath       01         34       Water Bath       01         35       Water Bath       01         36       Water Bath       01         37       Gas Chromatograph       01         38       Power supply       01         39       CVT       01         40       Monitor       01         41       Monitor+CPU (193)       01         42       Exhaust Fan       02         43       Exhaust Fan       04         44       Oll bath       01         45       Oil bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       PH meter       01         53       PH meter       01         54       PH meter       01         55       PH meter       01         56       PH meter       01 <td< th=""><th>32</th><th>Water Bath</th><th>01</th><th></th></td<> | 32 | Water Bath               | 01 |  |
|---|----|--------------------------|----|--|
| 34       Water Bath       01         35       Water Bath       01         36       Water Bath       01         37       Gas Chromatograph       01         38       Power supply       01         39       CVT       01         40       Monitor-CPU (193)       01         42       Exhaust Fan       02         43       Exhaust Fan       01         44       Oll bath       01         45       Oll bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01   |    |                          |    |  |
| 35     Water Bath     01       36     Water Bath     01       37     Gas Chromatograph     01       38     Power supply     01       39     CVT     01       39     CVT     01       40     Monitor     01       41     Monitor-CPU (193)     01       42     Exhaust Fan     02       43     Exhaust Fan     04       44     Oil bath     01       45     Oil bath     01       46     Magnetic Stirrer     01       47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     OI Bath     01       58     Magnetic Stirrer     01       69     Magnetic Stirrer     0   |    |                          |    |  |
| 36     Water Bath     01       37     Gas Chromatograph     01       38     Power supply     01       39     CVT     01       40     Monitor     01       41     Monitor+CPU (193)     01       42     Exhaust Fan     02       43     Exhaust Fan     04       44     Oil bath     01       45     Oil bath     01       46     Magnetic Stirrer     01       47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       49     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     OI Bath     01       58     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Heating mentle  |    |                          |    |  |
| 37     Gas Chromatograph     01       38     Power supply     01       39     CVT     01       40     Monitor     01       41     Monitor+CPU (193)     01       42     Exhaust Fan     02       43     Exhaust Fan     04       44     Oil bath     01       45     Oil bath     01       46     Magnetic Stirrer     01       47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Po  |    |                          |    |  |
| 38       Power supply       01         39       CVT       01         39       CVT       01         40       Monitor       01         41       Monitor-CPU (193)       01         42       Exhaust Fan       02         43       Exhaust Fan       04         44       Oil bath       01         45       Oil bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Mething Point       01 <td< td=""><td></td><td></td><td></td><td></td></td<>               |    |                          |    |  |
| 39       CVT       01         40       Monitor       01         41       Monitor+CPU (193)       01         42       Exhaust Fan       02         43       Exhaust Fan       04         44       Oil bath       01         45       Oil bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01 <t< td=""><td></td><td></td><td></td><td></td></t<>   |    |                          |    |  |
| 40       Monitor       01         41       Monitor+CPU (193)       01         42       Exhaust Fan       02         43       Exhaust Fan       04         44       Oil bath       01         45       Oil bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         49       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01  |    |                          |    |  |
| 41     Monitor+CPU (193)     01       42     Exhaust Fan     02       43     Exhaust Fan     04       44     Oil bath     01       45     Oil bath     01       46     Magnetic Stirrer     01       47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       49     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     Heating mentle     08       65     Heating mentle     08       66     Heating mentle     01       71 </td <td></td> <td></td> <td></td> <td></td>  |    |                          |    |  |
| 42       Exhaust Fan       02         43       Exhaust Fan       04         44       Oil bath       01         45       Oil bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         49       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         69       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Heating mentle       06         64       UPS       01         65       Heating mentle       06  |    |                          |    |  |
| 43       Exhaust Fan       04         44       Oil bath       01         45       Oil bath       01         46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         49       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         66       Heating mentle       08         67       Heating mentle       01 <td></td> <td></td> <td></td> <td></td>      |    |                          |    |  |
| 44     Oil bath     01       45     Oil bath     01       46     Magnetic Stirrer     01       47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       49     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     06       66     Heating mentle     01       71     Water bath     01       72     Wa  |    |                          |    |  |
| 45     Oil bath     01       46     Magnetic Stirrer     01       47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating ma  |    |                          |    |  |
| 46       Magnetic Stirrer       01         47       Magnetic Stirrer       01         48       Magnetic Stirrer       01         49       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Metting Point       01         64       UPS       01         65       Heating mentle       06         67       Heating mentle       06         68       Stabilizer       01         71       Water bath       01         72       Water bath       01   |    |                          |    |  |
| 47     Magnetic Stirrer     01       48     Magnetic Stirrer     01       49     Magnetic Stirrer     01       50     Magnetic Stirrer     01       51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     OI Bath     01       58     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     08       66     Heating mentle     01       68     Stabilizer     01       74     Water bath     01       75     Monitor     01       74     Heating mantle     01       75     Monitor     01       76     Water bath <td></td> <td></td> <td></td> <td></td>   |    |                          |    |  |
| 48       Magnetic Stirrer       01         49       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         59       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       08         66       Heating mentle       01         68       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01   |    |                          |    |  |
| 49       Magnetic Stirrer       01         50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         59       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       08         67       Heating mentle       06         68       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01   |    |                          |    |  |
| 50       Magnetic Stirrer       01         51       Magnetic Stirrer       01         52       pH meter       01         53       pH meter       01         54       pH meter       01         55       pH meter       01         56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       06         66       Heating mentle       06         67       Heating mentle       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01         74       TLC Chamber       01         75       Monitor       01   |    |                          |    |  |
| 51     Magnetic Stirrer     01       52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       57     Oil Bath     01       58     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     08       66     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01  |    |                          |    |  |
| 52     pH meter     01       53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     10       66     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01 <td></td> <td></td> <td></td> <td></td>  |    |                          |    |  |
| 53     pH meter     01       54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     08       66     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01 <td></td> <td></td> <td></td> <td></td>   |    |                          |    |  |
| 54     pH meter     01       55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     08       66     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       80     Monitor     01  |    |                          |    |  |
| 55     pH meter     01       56     pH meter     01       57     Oil Bath     01       58     Magnetic Stirrer     01       59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     06       66     Heating mentle     06       67     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       80     Monitor     01  |    |                          |    |  |
| 56       pH meter       01         57       Oil Bath       01         58       Magnetic Stirrer       01         59       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       06         66       Heating mentle       06         67       Heating mentle       06         68       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01         74       TLC Chamber       01         75       Monitor       01         76       Monitor       01         77       Monitor       01         78       Monitor       01         79       Monitor       01         8   |    |                          |    |  |
| 57       Oil Bath       01         58       Magnetic Stirrer       01         59       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       08         67       Heating mentle       08         67       Heating mentle       01         68       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01         74       TLC Chamber       01         75       Monitor       01         76       Monitor       01         77       Monitor       01         78       Monitor       01         79       Monitor       01         79       Monitor       01         82   |    |                          |    |  |
| 58       Magnetic Stirrer       01         59       Magnetic Stirrer       01         60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       10         66       Heating mentle       08         67       Heating mentle       06         68       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01         74       TLC Chamber       01         75       Monitor       01         76       Monitor       01         77       Monitor       01         78       Monitor       01         79       Monitor       01         79       Monitor       01         82       Monitor+CPU       01 <td< td=""><td></td><td></td><td></td><td></td></td<>               |    |                          |    |  |
| 59     Magnetic Stirrer     01       60     Magnetic Stirrer     01       61     Magnetic Stirrer     01       62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     08       66     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       79     Monitor     01       79     Monitor     01       70     Monitor     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01   |    |                          |    |  |
| 60       Magnetic Stirrer       01         61       Magnetic Stirrer       01         62       Melting Point       01         63       Melting Point       01         64       UPS       01         65       Heating mentle       10         66       Heating mentle       08         67       Heating mentle       06         68       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01         74       TLC Chamber       01         75       Monitor       01         76       Monitor       01         77       Monitor       01         78       Monitor       01         79       Monitor       01         80       Monitor       01         81       Monitor       01         82       Monitor       01         83       Digital Photocalorimeter       01         84 </td <td></td> <td></td> <td></td> <td></td>                  |    |                          |    |  |
| 61Magnetic Stirrer0162Melting Point0163Melting Point0164UPS0165Heating mentle1066Heating mentle0867Heating mentle0668Stabilizer0170Water bath0171Water bath0172Water bath0173Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0180Monitor0181Monitor0182Monitor+CPU0184Stabilizer01   |    |                          |    |  |
| 62     Melting Point     01       63     Melting Point     01       64     UPS     01       65     Heating mentle     10       66     Heating mentle     08       67     Heating mentle     06       68     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       80     Monitor     01       81     Monitor     01       82     Monitor     01       83     Digital Photocalorimeter     01       84     Stabilizer     01   |    |                          |    |  |
| 63     Melting Point     01       64     UPS     01       65     Heating mentle     10       66     Heating mentle     08       67     Heating mentle     06       68     Stabilizer     01       69     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       80     Monitor     01       81     Monitor     01       82     Monitor     01       83     Digital Photocalorimeter     01       84     Stabilizer     01  |    |                          |    |  |
| 64       UPS       01         65       Heating mentle       10         66       Heating mentle       08         67       Heating mentle       06         68       Stabilizer       01         69       Stabilizer       01         70       Water bath       01         71       Water bath       01         72       Water bath       01         73       Heating mantle       01         74       TLC Chamber       01         75       Monitor       01         76       Monitor       01         77       Monitor       01         78       Monitor       01         79       Monitor       01         80       Monitor       01         81       Monitor       01         82       Monitor+CPU       01         83       Digital Photocalorimeter       01         84       Stabilizer       01  |    |                          |    |  |
| 65     Heating mentle     10       66     Heating mentle     08       67     Heating mentle     06       68     Stabilizer     01       69     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       80     Monitor     01       81     Monitor     01       82     Monitor     01       83     Digital Photocalorimeter     01       84     Stabilizer     01  |    |                          |    |  |
| 66     Heating mentle     08       67     Heating mentle     06       68     Stabilizer     01       69     Stabilizer     01       70     Water bath     01       71     Water bath     01       72     Water bath     01       73     Heating mantle     01       74     TLC Chamber     01       75     Monitor     01       76     Monitor     01       77     Monitor     01       78     Monitor     01       79     Monitor     01       80     Monitor     01       81     Monitor     01       82     Monitor+CPU     01       83     Digital Photocalorimeter     01       84     Stabilizer     01   |    |                          |    |  |
| 67Heating mentle0668Stabilizer0169Stabilizer0170Water bath0171Water bath0172Water bath0173Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01  |    |                          |    |  |
| 68Stabilizer0169Stabilizer0170Water bath0171Water bath0172Water bath0173Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 69Stabilizer0170Water bath0171Water bath0172Water bath0173Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 70Water bath0171Water bath0172Water bath0173Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 71Water bath0172Water bath0173Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 73Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 73Heating mantle0174TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 74TLC Chamber0175Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 75Monitor0176Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01  |    |                          |    |  |
| 76Monitor0177Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   |    |                          |    |  |
| 77Monitor0178Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01  |    |                          |    |  |
| 78Monitor0179Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   | 77 |                          | 01 |  |
| 79Monitor0180Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01  |    |                          |    |  |
| 80Monitor0181Monitor0182Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   | 79 | Monitor                  |    |  |
| 82Monitor+CPU0183Digital Photocalorimeter0184Stabilizer01   | 80 |                          | 01 |  |
| 83Digital Photocalorimeter0184Stabilizer01  | 81 | Monitor                  | 01 |  |
| 84 Stabilizer 01  | 82 | Monitor+CPU              |    |  |
|   | 83 | Digital Photocalorimeter | 01 |  |
| 85 pH meter 01  |    | Stabilizer               | 01 |  |
|   | 85 | pH meter                 | 01 |  |

| 86         | pH meter                        | 01 |  |
|------------|---------------------------------|----|--|
| 87         | UPS 3 kva                       | 01 |  |
| 88         | Stabilizer                      | 01 |  |
| 89         | Work Station HP                 | 01 |  |
| 90         | HP Scanjet                      | 01 |  |
| 91         | Furnace                         | 01 |  |
| 92         | Lypholizer                      | 01 |  |
| 92         | Spectrometer                    | 01 |  |
| 93         | UPS 20 KVa                      | 01 |  |
| 95         | Fume Hood                       | 01 |  |
| 95         | Analyst Spectrometer            | 01 |  |
| 90<br>97   | US VIS Spectrophotometer        | 01 |  |
| 97         | Spectrometer                    | 01 |  |
| 90         | UV VIS double beam spectrometer | 01 |  |
| 100        | Bare Pump                       | 01 |  |
|            | UV VIS variable resolution      | 01 |  |
| 101<br>102 |                                 | 01 |  |
|            | Electrochemical Analyzer        |    |  |
| 103        | Voltage Analyzer                | 01 |  |
| 104        | Voltage Analyzer                | 01 |  |
| 105        | Voltage Analyzer                | 01 |  |
| 106        | Spectrophotometer               | 01 |  |
| 107        | Spectrophotometer               | 01 |  |
| 108        | Printer                         | 01 |  |
| 109        | UV vis Spectrophotometer        | 01 |  |
| 110        | Water Bath                      | 01 |  |
| 111        | Balance                         | 01 |  |
| 112        | Balance                         | 01 |  |
| 113        | Balance                         | 01 |  |
| 114        | Balance                         | 01 |  |
| 115        | Balance                         | 01 |  |
| 116        | Balance                         | 01 |  |
| 117        | Balance                         | 01 |  |
| 118        | Balance                         | 01 |  |
|            | UV VIS Spectrophotometer        | 01 |  |
| 120        | UV VIS Spectrophotometer        | 01 |  |
| 121        | PC Controller UV                | 01 |  |
| 122        | Rotary Evaporator               | 01 |  |
| 123        | Ultrasonic Cleaner              | 01 |  |
| 124        | Electrochemical analyzer        | 01 |  |
| 125        | Microscope                      | 01 |  |
| 126        | Ice Machine                     | 01 |  |
| 127        | UPS 10kva                       | 01 |  |
| 128        | Analytical Balance              | 01 |  |
| 129        | Adair Dutt Precision Balance    | 01 |  |
| 130        | HP Compaq Desktop 6120          | 01 |  |
| 131        | Refrigerator Water Incubator    | 01 |  |
| 132        | Bod Incubator                   | 01 |  |
| 133        | HP ProliantMi Server 370 G5     | 01 |  |
| 134        | Rafractometer                   | 01 |  |
| 135        | UV-Spectrophotometer            | 01 |  |
| 136        | Water Purification System       | 01 |  |
| 137        | UV Spectrophotometer            | 01 |  |
| 138        |                                 |    |  |
| 100        | Automatic Polarimeter           | 01 |  |

| 2HP Laser Printer013Desktop Computer DELL22  | Authorization for<br>Battery<br>recycler/disposal<br>& e-waste |
|--|--|
| 3Desktop Computer DELL224HP Elite desk Desktop with Monitor TFT065HP Pro Desktop and Monitor026Laser jet Printer037HP Laser jet Printer018HP Laser jet Printer019Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04 | recycler/disposal  |
| 4HP Elite desk Desktop with Monitor TFT065HP Pro Desktop and Monitor026Laser jet Printer037HP Laser jet Printer018HP Laser jet Printer019Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04                         |  |
| 5HP Pro Desktop and Monitor026Laser jet Printer037HP Laser jet Printer018HP Laser jet Printer019Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04  | & e-waste  |
| 6Laser jet Printer037HP Laser jet Printer018HP Laser jet Printer019Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04   |  |
| 7HP Laser jet Printer018HP Laser jet Printer019Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04   |  |
| 8HP Laser jet Printer019Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04  |  |
| 9Samsung Laser Printer0110Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04   |  |
| 10Internet Switch0111IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04   |  |
| 11IBM Laptop1412HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04  |  |
| 12HP Compaq Laptop0813Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04  |  |
| 13Servo Controlled Voltage Stabilizer 3KVA0114Ansuman Model Kit04  |  |
| 14 Ansuman Model Kit 04  |  |
|  |  |
| 15 HP Scanner 01   |  |
|  |  |
| 16 HP DeskJet Printer 01   |  |
| 17 HP Photo smart Printer 03   |  |
| 18 HP Scan jet Scanner 02  |  |
| 19 HP make Ink Jet Printer 01  |  |
| 20 HP Laser Printer 08   |  |
| 21HP Laser Printer04   |  |
| 22 Desktop 01  |  |
| 23 Laser Printer 01  |  |
| 24 HP Probook Laptop 01  |  |
| 25 HP Probook Laptop 02  |  |
| 26 HP Laser Printer 03   |  |
| 27 Canon Laser Printer 01  |  |
| 28 HP Laser jet Printer 02   |  |
| 29 HP Scan jet Pro 02  |  |
| 30 HP Laptops 04   |  |
| 31 Lenovo Laptop 01  |  |
| 32 HP Compaq Elite Desktop 18  |  |
| 33 HP Pavilion Notebook 01   |  |
| 34 UPS (Elnova) 2KVA 04  |  |
| 35 Wall Clock 01   |  |
| 36 Wall Clock 01   |  |
| 37 Wooden Computer table 02  |  |
| 38 Computer table and Chair 02   |  |
| 39 Computer table 15   |  |
| 40 I.C double pole main Switch 01  |  |
| 41 Percentage Differential Relay (Electromagnetic) 02  |  |
| 42 Directional Over Current Relay (Electromagnetic) 02   |  |
| DSP Based Motor Controller Kit, With AC drive, 1.5 01  |  |
| 43 KVA, 415V, Along with AC-DC Assembly, No. 200406501-03  |  |
| 44 Adjustable speed 3-Phase Induction Motor Drive 01   |  |
| 45 <b>HP Desktop</b> 01  |  |
| 46Balancing and vibration Model: VIB2.20001  |  |

# LOT NO. 15: ELECTRICAL ENGG. DEPARTMENT

| 47 | PC                        | 06  |  |
|----|---------------------------|-----|--|
| 48 | Monitor                   | 01  |  |
| 49 | Printer                   | 01  |  |
| 49 | Scanner                   | 01  |  |
| 50 | UPS 1 KVA, 600 VA, 500 VA | 11  |  |
| 51 | HP Scan Jet               | 01  |  |
| 52 | CD                        | 01  |  |
| 53 | Card PCL-208              | 01  |  |
| 54 | CD Rewriter               | 01  |  |
| 55 | Rish MAX Multimeter       | 02  |  |
| 56 | Encode with accessories   | 01  |  |
|    |                           | 184 |  |

## LOT NO. 16: E-LEARNING CENTRE

| Sr.<br>No. | Description of Item   | Qty.<br>(in | Certification required       |
|------------|---|-------------|------------------------------|
|            |   | Nos.)       |                              |
| 1          | On-Line UPS System 10 KVA Make EATON Single Phase Input/Single Phase Output | 01          | Authorization for<br>Battery |
| 2          | Acer Desktop Computer CPU Intel Pentium IV                                  | 01          | recycler/disposal            |
| 3          | Scanner UMAX ASTRA 3600   | 01          | & e-waste                    |
| 4          | Offline UPS System, Model T-605 Make Elnova                                 | 05          |                              |
| 5          | Heat Converter Bajaj  | 02          |                              |
| 6          | Offline UPS System 2 KVA Model TE-1000 B4 Make<br>Elnova                    | 01          |                              |
| 7          | HP Laserjet AIO Printer, Model: 3030  | 01          |                              |
| 8          | Aquaguard Water Purifier  | 01          |                              |
| 9          | Printer Samsung SCX 4200 MFP  | 01          |                              |
| 10         | HP 17" TFT Monitor L 106  | 07          |                              |
| 11         | Kent Water Purifier System  | 01          |                              |
| 12         | Kent Water Filter   | 01          |                              |
| 13         | 2 X 55 Cool Light with gel Filter frame                                     | 08          |                              |
| 14         | 4 X 55 Cool Lights with gel filter frame                                    | 04          |                              |
| 15         | Spot Light Patch Panel with remote control cable                            | 02          |                              |
| 16         | Voltage Stabilizer 4 KVA  | 03          |                              |
| 17         | 22" TFT Monitor Zenith High Resolution                                      | 01          |                              |
| 18         | Desktop PC Make Zenith  | 04          |                              |
| 19         | 22" TFT Monitor Intex High Resolution                                       | 01          |                              |
| 20         | Water Cooler Air  | 01          |                              |
| 21         | UPS 2 KVA, Make: Elnova ES 2001, Sr. No. 210110978                          | 01          |                              |
| 22         | TFT Monitor, Make: View Sonic, Model: VS13698                               | 02          |                              |
| 23         | TFT Monitor, Make: View Sonic, Model: VS13698                               | 01          |                              |
| 24         | TFT Monitor, Make: View Sonic, Model: VS13698                               | 02          |                              |
|            |   | 53          |                              |

# LOT NO. 17: MATHEMATICS DEPARTMENT

| Sr.<br>No. | Description of Item | Qty.<br>(in<br>Nos.) | Certification required |
|------------|---------------------|----------------------|------------------------|
| 1          | Compaq Presario     | 04                   | E-waste                |
| 2          | Lenovo              | 05                   | authorization          |

| 3  | HCL-1295          | 15  |  |
|----|-------------------|-----|--|
| 4  | HCL-1230          | 29  |  |
| 5  | HCL-1240          | 25  |  |
| 6  | HCL-A330          | 12  |  |
| 7  | HP-M1005          | 09  |  |
| 8  | HP-P1008          | 01  |  |
| 9  | HP-1320           | 01  |  |
| 10 | HP-1022           | 01  |  |
| 11 | HP-1015           | 03  |  |
| 12 | HP-3525           | 01  |  |
| 13 | Canon-4320        | 06  |  |
| 14 | Canon-4450        | 04  |  |
| 15 | Canon-4820        | 01  |  |
| 16 | Epson-M200        | 02  |  |
| 17 | Samsung HCX 4300  | 01  |  |
| 18 | Samsung HCX 4021S | 01  |  |
| 19 | Brothers 7860     | 01  |  |
| 20 | Samsung CLP-500   | 01  |  |
| 21 | HP-2545           | 01  |  |
|    |                   | 124 |  |

## LOT NO. 18: INSTITUTE INSTRUMENTATION CENTRE

| Sr.<br>No. | Description of Item   | Qty.<br>(in<br>Nos.) | Certification required |
|------------|---|----------------------|------------------------|
|            | LEO 435 VP Computer Controlled Variable Pressure Digital      | 1                    | E-waste                |
|            | Scanning Electron Microscope                                  |                      | authorization          |
|            | Photo Record Unit   | 1                    |                        |
| 1          | Ricoh 35 mm Camera  | 1                    |                        |
|            | Las Mark Printer  | 1                    |                        |
|            | Robinson BSD (Back Scattered Electroc Detector) RH side Mount | 1                    |                        |
|            | Wave Length Dispersive X-Ray Flourescence Spectrometer,       | 1                    |                        |
| 2          | Model-S4 Pioneer, Make-Bruker was purchased on dated          |                      |                        |
|            | 04.02.2009.   |                      |                        |
|            | Single Crystal XRD with CCD Detector Model-Bruker AXS B.V.    |                      |                        |
|            | Kappa Apex II CCD Are Detector was purchased on 15.11.2006.   |                      |                        |
|            | Printer Laser HPC 4084  | 1                    |                        |
|            | Water Chiller (Water Cooling Unit)                            | 1                    |                        |
| 3          | Kryo-Flex Low Temperature device, 50 Hz, 230 V for Kappa      | 1                    |                        |
| 3          | Apex II with Liquid Nitrogen Tank 150 Litre with Autopressure |                      |                        |
|            | Regulation Transfer Line Heater                               |                      |                        |
|            | Microscope for Crystal Mounting                               | 1                    |                        |
|            | Additional Gonoimeter heads                                   | 3                    |                        |
|            | Magnetic attachments for Gonoimeter                           | 4                    |                        |
|            | HP 1320 printer with Postscript                               | 1                    |                        |
|            |   | 19                   |                        |

# LOT NO. 19: DEPTT. OF METALLURGICAL & MATERIALS ENGG.

| Sr.<br>No. | Description of Item   | Qty.<br>(in<br>Nos.) | Certification required |
|------------|---|----------------------|------------------------|
| 1          | LG Microwave MC28465L   | 01                   | Authorization for      |
| 2          | LG Microwave MC28465L   | 01                   | Battery                |
| 3          | Hotplate 250/300 mm   | 01                   | recycler/disposal      |
| 4          | Laser Printer   | 01                   | , e-waste and          |
| 5          | Digital Fax Machine   | 01                   | Hazardous waste        |
| 6          | Oxygen Cylinder   | 01                   |                        |
| 7          | Coolant Pump  | 01                   |                        |
| 8          | Steady Rest Assembly  | 01                   |                        |
| 9          | Follow Rest Assembly  | 01                   |                        |
| 10         | Key-way Cutting Machine   | 01                   |                        |
| 11         | Change gear to machine thread   | 01                   |                        |
| 12         | Plain hot roller  | 01                   |                        |
| 13         | Revolving dead center   | 01                   |                        |
| 14         | All purpose fan   | 02                   |                        |
| 15         | Milling Machine accessories   | 01                   |                        |
| 16         | Low speed rotary gear motor   | 01                   |                        |
| 17         | Cyclone separator   | 01                   |                        |
| 18         | 3-Way transsive mechanism equipment   | 01                   |                        |
| 19         | Indexing device   | 01                   |                        |
| 20         | Low speed saw   | 01                   |                        |
| 21         | Abrasive Cut motor  | 01                   |                        |
| 22         | Drill M/c   | 01                   |                        |
| 23         | Conference Table with Steel frames 12*4"                                    | 02                   |                        |
| 24         | Steel book case with 4 compartment 1673 x 840 x 305 20-22 mm @ 1.52.45 each | 20                   |                        |
| 25         | Desk Com Bench Wooden   | 18                   |                        |
| 26         | Wooden office table 5½ x 3½ x 2½  | 01                   |                        |
| 27         | Laboratory table with sun mica top 60*33*30 14 gauge                        | 05                   |                        |
| 28         | Class room bench of shesham wood  | 10                   |                        |
| 29         | V ventilation 12"   | 02                   |                        |
| 30         | Steel Rack 15*33*72   | 02                   |                        |
|            | a) Unsound Cassette Player  | 06                   |                        |
| 31         | b) Unsound Cordless Mice  | 00                   |                        |
| 32         | Stool Made of Iron from Top Board & Sun mica                                | 45                   |                        |
| 33         | Center Table with glass top small   | 04                   |                        |
| 34         | 5 KVA Stabilizer for AC   | 02                   |                        |
| 35         | Water dispenser cum refrigerator  | 01                   |                        |
| 36         | Lobby three seater chair  | 05                   |                        |
| 37         | Superchock board  | 02                   |                        |
| 38         | Keyboard  | 02                   |                        |
| 39         | Heavy duty exhaust fan 28"  | 01                   |                        |
| 40         | Notice Board  | 06                   |                        |
| 41         | Notice Board  | 08                   |                        |
| 42         | Notice Board  | 05                   |                        |
| 42         | Geeken Revol visiting chair   | 05                   |                        |
| 43<br>44   |   | 01                   |                        |
| 44 45      | Geeken comp. with chair   | 10                   |                        |
|            | High back rev. chair  |                      |                        |
| 46         | OFR Back rev. chair   | 01                   |                        |
| 47         | HP Laser Printer  | 01                   | 1                      |

| 48       | Acer mini netbook                         | 01  |  |
|----------|---|-----|--|
| 40<br>49 |   | 01  |  |
|          | HP1020 Plus Printer                       |     |  |
| 50       | HP Notebook Core i5                       | 01  |  |
| 51       | 2GB GPU                                   | 01  |  |
| 52       | L220MFP Inkjet Printer                    | 01  |  |
| 53       | iPad                                      | 01  |  |
| 54       | 27" HP LED                                | 01  |  |
| 55       | UPS 1 KVA                                 | 01  |  |
| 56       | Nikon Camera D3100                        | 01  |  |
| 57       | Nikon Lens                                | 01  |  |
| 58       | LCD TFT, Dell                             | 01  |  |
| 59       | UPS 1 KVA                                 | 01  |  |
| 60       | Desktop Computer                          | 01  |  |
| 61       | SS Tong                                   | 01  |  |
| 62       | Digital Balance                           | 01  |  |
| 63       | Chair                                     | 02  |  |
| 64       | Microscope                                | 02  |  |
| 65       | Mig Torch                                 | 01  |  |
| 66       | Laser Printer                             | 01  |  |
| 67       | HP Laser Color Printer                    | 01  |  |
| 68       | HP Laser Deskjet Printer                  | 01  |  |
| 69       | HP Laserjet Printer                       | 01  |  |
| 70       | Canon Laserjet Printer                    | 01  |  |
| 71       | HP Laserjet Printer                       | 01  |  |
| 72       | Water Dispenser                           | 01  |  |
| 73       | Trolley                                   | 01  |  |
| 74       | Rack for die                              | 01  |  |
| 75       | Computer 386                              | 01  |  |
| 76       | LR 570 Printer                            | 01  |  |
| 77       | KD 1440 monitor                           | 01  |  |
| 78       | Servo controlled voltage stabilizer 4 KVA | 01  |  |
|          | <u> </u>                                  | 216 |  |

\*\*\* END OF LIST \*\*\*