# **RAILTEL CORPORATION OF INDIA LIMITED**

(A Govt. of India Undertaking)

# Expression of Interest for Selection of Partner from Empaneled Business Associate for EXCLUSIVE PRE-BID TEAMING ARRANGEMENT

| _ |                     |   |
|---|---------------------|---|
| _ | $\boldsymbol{\sim}$ |   |
| г | u                   | 1 |

"Supply, installation, commissioning of skill labs and users training for assigned schools"

EOI No: RailTel/EOI/COMKTG/EB/JE/2024-25/1 dated 02<sup>nd</sup> July 2024

### **EOI NOTICE**

Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-110023

EOI Notice No: RailTel/EOI/COMKTG/EB/JE/2024-25/1 dated 02<sup>nd</sup> July 2024

RailTel Corporation of India Ltd., (here after referred to as "RailTel") invites EOIs from RailTel's Empaneled Partners for the selection of suitable partner as Exclusive pre bid teaming arrangement for "Supply, installation, commissioning of skill labs and users training for assigned schools".

The details are as under:

| 1 | Last date for submission of<br>Technical Packet against<br>EOIs by bidders | 04th July 2024 11:00 AM   |
|---|--|---|
| 2 | Opening of Technical Bid of EOIs   | 04th July 2024 11:30 AM   |
| 3 | Number of copies to be submitted for scope of work                         | One   |
| 4 | EOI fees inclusive tax (Nonrefundable)                                     | Rs. 5,000   |
| 5 | Token EOI EMD  | Rs. 5,00,000/- (Five Lakhs Only) to be submitted along with EOI.(To be submitted via online bank transfer)  |
|   |  | Balance EMD for Rs. 95,00,000/- (Rupees Ninty Five Lakhs only). To be submitted by selected Business Associate, in the form of BG/online transfer before submission of final bid to the end customer. |
|   |  | *BG as EMD validity: Bid validity period (180 Days) + 2 months and claim period of 1 year from BG expiry period.  |
|   |  | (SFMS report guidelines: -  |
|   |  | BG advising message – IFN 760COV/ IFN 767COV via SFMS   |
|   |  | <ul> <li>To mandatorily send the Cover message at the time of<br/>BG issuance.</li> </ul>   |
|   |  | IFSC Code of ICICI Bank to be used  |
|   |  | (ICIC0000007).  |
|   |  | <ul> <li>Mention the unique reference (RAILTEL6103) in field 7037.)</li> </ul>  |

The EMD should be in the favor of RailTel Corporation of India Limited payable at Delhi through online bank transfer or EMD can be submitted as PBG in favour of RailTel Corporation of India Limited. Partner needs to share the online payment transfer details like UTR No. date and Bank along with the proposal.

RailTel Bank Details: Union Bank of India, Account No. 340601010050446, IFSC Code - UBIN0534064.

Eligible Business Associates are required to direct all communications related to this Invitation for EoI document, through the following Nominated Point of Contact persons:

**Level:1** Contact: Abhishek Pratap Singh

Designation: Sr.Mgr/EB

Email: abhishek.singh@railtelindia.com

Level:2 Contact: Shashidhar Uppal

Designation: GM/EB

Email: <a href="mailto:shashi\_uppal@railtelindia.com">shashi\_uppal@railtelindia.com</a>

Level: 3 Contact: Parag Kumar Goyal

Designation: PED/EB

Email: parag@railtelindia.com

#### Note:

- 1. Empaneled partners are required to submit soft copy of technical packet through an e-mail at <a href="mailto:eoi.ebco@railtelindia.com">eoi.ebco@railtelindia.com</a> duly signed by Authorized Signatories with Company seal and stamp.
- 2. The EOI response is invited from eligible **Empaneled Partners of RailTel only.**
- 3. All the document must be submitted with **proper indexing** and **page no**.
- 4. This is an exclusive pre RFP partnership arrangement with empaneled business associate of RailTel for participating in the end customer RFP. Selected partner's authorized signatory has to give an undertaking they will not submit directly or indirectly their bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to end customer organization by RailTel). This undertaking has to be given with this EOI Response.
- 5. **Transfer and Sub-letting**. The Business Associate has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

### 1. Introduction about RailTel

RailTel Corporation of India Limited (RailTel), an ISO-9001:2000 organization is a Mini Ratna Government of India undertaking under the Ministry of Railways. The Corporation was formed in Sept 2000 with the objectives to create nationwide Broadband Telecom and Multimedia Network in all parts of the country, to modernize Train Control Operation and Safety System of Indian Railways and to contribute to realization of goals and objective of national telecom policy 1999. RailTel is a wholly owned subsidiary of Indian Railways.

RailTel has approximately 61000 kms of OFC along the protected Railway tracks. The transport network is built on high capacity DWDM and an IP/ MPLS network over it to support mission critical communication requirements of Indian Railways and other customers. RailTel has Tier-III Data Center in Gurgaon and Secunderabad hosting / collocating critical applications. RailTel is also providing Telepresence as a Service (TPaaS), where a High-Definition Video Conference facility bundled with required BW is provided as a Service.

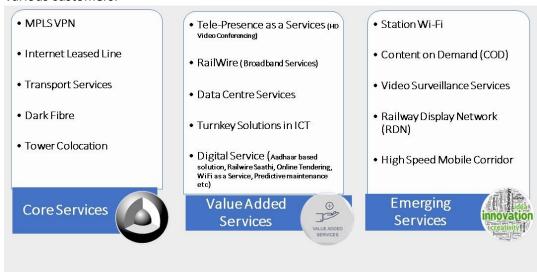
For ensuring efficient administration across India, country has been divided into four regions namely, Eastern, Northern, Southern & Western each headed by Executive Director and Headquartered at Kolkata, New Delhi,

Secunderabad & Mumbai respectively. These regions are further divided into territories for efficient working. RailTel has territorial offices at Guwahati, & Bhubaneswar in East, Chandigarh, Jaipur, Lucknow in North, Chennai & Bangalore in South, Bhopal, and Pune & Ahmedabad in West. Various other territorial offices across the country are proposed to be created shortly.

RailTel's business service lines can be categorized into three heads namely B2G/B2B (Business to Government and Business to Business) and B2C (Business to customers):

### **Licenses & Service portfolio:**

Presently, RailTel holds Infrastructure Provider -1, National Long Distance Operator, International Long Disftance Operator and Internet Service Provider (Class-A) licenses under which the following services are being offered to various customers:



### a) Carrier Services

- National Long Distance: Carriage of Inter & Intra -circle Voice Traffic across India using state of the art
   NGN based network through its Interconnection with all leading Telecom Operators
- Lease Line Services: Available for granularities from E1 to multiple of Gigabit bandwidth& above
- Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
- Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's

### b) Enterprise Services

- Managed Lease Line Services: Available for granularities from E1, DS-3, STM-1 & above
- MPLS VPN: Layer-2 & Layer-3 VPN available for granularities from 2 Mbps& above
- Dedicated Internet Bandwidth: Experience the "Always ON" internet connectivity at your fingertips in granularities 2 Mbps to several Gbps
- **c) DATA CENTER** Infrastructure as a services (laaS), Hosting as Services, Security operation Centre as a Service (SOCaaS): RailTel has MeitY empaneled two Tier-III data centres in
  - Gurgaon & Secunderabad. Presently RailTel is hosting critical applications of Indian Railways, Central & State government/ PSUs applications. RailTel will facilitate Government's applications
  - / hosting services including smooth transition to secured state owned RailTel's Data Centers and Disaster Recovery Centres. RailTel also offers SOC as a Service 'SOCaaS'. In addition, RailTel offers VPN client services

so that employees can seamlessly access government's intranet, applications securely from anywhere without compromising security.

- National Long Distance: Carriage of Inter & Intra -circle Voice Traffic across India using state of the art
   NGN based network through its Interconnection with all leading Telecom Operators
- Lease Line Services: Available for granularities from E1 to multiple of Gigabit bandwidth& above
- Dark Fiber/Lambda: Leasing to MSOs/Telco's along secured Right of Way of Railway tracks
- Co-location Services: Leasing of Space and 1000+ Towers for collocation of MSC/BSC/BTS of Telco's
- **d) High-Definition Video Conference:** RailTel has unique service model of providing high-definition video conference bundled with Video Conference equipment, bandwidth and FMS services to provide end to end seamless services on OPEX model connecting HQ with other critical offices. RailTel also offers application-based video conference solution for employees to be productive specially during this pandemic situation.

### e) Retail Services – RailWire

RailWire: Triple Play Broadband Services for the Masses. RailTel has unique model of delivering broadband services, wherein local entrepreneurs are engaged in delivering & maintaining broadband services and up to 66% of the total revenues earned are shared to these local entrepreneurs in the state, generating jobs and revitalizing local economies. On date RailTel is serving approx. 5,00,000 subscribers on PAN Indian basis. RailTel can provide broadband service across—Government PSU or any organization's officers colonies and residences.

### 2. Project Background and Objective of EOI

RailTel intends to participate in **RFP floated** by end Customer organization for "Supply, installation, commissioning of skill labs and users training for assigned schools"

RailTel invites EOIs from RailTel's Empaneled Partners for the selection of suitable partner for participating in above mentioned work for the agreed scope work. The empaneled partner is expected to have excellent execution capability and good understanding customer local environment.

#### 3. Scope of Work:

RailTel intends to participate in **RFP floated** by end Customer organization for "Supply, installation, commissioning of skill labs and users training for assigned schools".

The Detailed specification and scope of software and content categories is mentioned in **Annexure-A.** 

The above scope of work is indicative and the detailed scope of work is given in the end customer tender documents with latest amendments and clarifications.

In case of any discrepancy or ambiguity in any clause / specification pertaining to scope of work area, the RFP released by end customer organization shall supersede and will be considered sacrosanct. (All associated clarifications, response to queries, revisions, addendum and corrigendum, associated prime service agreement (PSA)/MSA/SLA also included.)

Business associate can participate as a sole bidder, Bid by consortium is not allowed.

For detailed scope, documents required, terms and conditions, Kindly refer to the End Customer RFP No.: GEM/2024/B/5036026 dated: 11-06-2024.

Special Note: RailTel may retain any portion of the work mentioned in the end organization RFP, where RailTel has competence so that overall proposal becomes most winnable proposal and in compliance of the end customer RFP condition as well.

### 4. Response to EOI guidelines

## 4.1 Language of Proposals

The proposal and all correspondence and documents shall be written in English in soft copy through an email.

4.2 RailTel's Right to Accept/Reject responses

RailTel reserves the right to accept or reject any response and annul the bidding process or even reject all responses at any time prior to selecting the partner, without thereby incurring any liability to the affected bidder or Business Associate or without any obligation to inform the affected bidder or bidders about the grounds for RailTel's action.

### 4.3 EOI response Document

The bidder is expected to examine all instructions, forms, terms and conditions and technical specifications in the bidding documents. Submission of bids, not substantially responsive to the bidding document in every aspect will be at the bidder's risk and may result in rejection of its bid without any further reference to the bidder.

All pages of the documents shall be signed by the bidder including the closing page in token of his having studies the EOI document and should be submitted along with the bid.

4.4 Period of Validity of bids and Bid Currency

Bids shall remain valid for a period of 180 days from the last date of submission of bids to end Customer organization.

### 4.5 Bidding Process

The bidding process as defined in para 4.10 & 6.

- 4.6 Bid Earnest Money (EMD)
- 4.6.1 The Business Associate shall furnish a sum as given in EOI Notice via online transfer from any scheduled bank in India in favour of "RailTel Corporation of India Limited" along with the offer. This will be called as **EOI EMD.**

- 4.6.2 Offers not accompanied with valid EOI Earnest Money Deposit shall be summarily rejected.
- 4.6.3 In case of Bidder's offer is selected for bidding, bidder has to furnish Earnest Money Deposit for balance amount as mentioned in the EOI notice or in proportion to the quoted value/scope of work to RailTel before submission of bid to end customer as and if applicable.
- 4.6.4 **Return of EMD for unsuccessful Business Associates:** EOI EMD of the unsuccessful Business Associate shall be returned without interest after completion of EOI process.
- 4.6.5 **Return of EMD for successful Business Associate:** EOI-EMD & Earnest Money Deposit (balance proportionate EMD) if applicable of the successful bidder will be discharged / returned as promptly as possible after the receipt of RailTel's EMD/BG from the Customer and or on receipt of Security Deposit Performance Bank Guarantee as applicable (clause no. 4.7) from Business Associate whichever is later.
- 4.6.6 Forfeiture of EOI EMD or EOI EMD & EMD (balance proportionate EMD) and or Penal action as per EMD Declaration:
- 4.6.7 The EOI EMD may be forfeited and or penal action shall be initiated if a Business Associate withdraws his offer or modifies the terms and conditions of the offer during validity period.
- 4.6.8 In case of non-submission of SD/PBG (as per clause no. 4.7) lead to forfeiture of EOI EMD, EMD (balance proportionate EMD) if applicable and or suitable action as prescribed in the EMD Declaration shall be initiated as applicable.
- 4.7 Security Deposit / Performance Bank Guarantee (PBG)
- 4.7.1 In case the bid is successful, the PBG of requisite amount proportionate to the agreed scope of the work will have to be submitted to RailTel.
- 4.7.2 As per work share arrangements agreed between RailTel and Business Associate the PBG will be proportionately decided and submitted by the selected Business Associate.
- 4.8 Last date & time for Submission of EOI response

EOI response must be submitted to RailTel at the email address specified in the preamble not later than the specified date and time mentioned in the preamble.

4.9 Modification and/or Withdrawal of EOI response

EOI response once submitted will treated, as final and no modification will be permitted except with the consent of the RailTel.

No Business Associate shall be allowed to withdraw the response after the last date and time for submission.

The successful Business Associate will not be allowed to withdraw or back out from the response commitments. In case of withdrawal or back out by the successful business associate, the Earnest Money Deposit shall be forfeited and all interests/claims of such Business Associate shall be deemed as foreclosed.

4.10 Details of Financial bid for the above referred tender

Business Associate meeting eligibility criteria will be selected for financial bid opening.

Business Associate with lowest (L1) offer will be selected for exclusive pre-bid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.

The final bid for the tender will be prepared jointly with the selected Business Associate so that the optimal bid can be put with a good chance of winning the Tender.

## 4.11 Clarification of EOI Response

To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the Business Associate for clarification. The response should be in writing and no change in the price or substance of the EOI response shall be sought, offered or permitted.

### 4.12 Period of Association/Validity of Agreement

RailTel will enter into a pre-bid agreement with selected bidder with detailed Terms and conditions.

# 5. Eligibility Criteria for Bidding Business Partner of RailTel

|    | Pre-Qualification Criteria                         |  |  |  |  |  |
|----|--|--|--|--|--|--|
| SN | Eligibility Criteria                               | Documents/ Copies to be submitted        |  |  |  |  |
| A) | Financial Conditions                               |  |  |  |  |  |
| 1. | The Bidder must be a registered legal entity in    | Certificate of Incorporation             |  |  |  |  |
|    | India; and in existence from at least past 5 years | <ul> <li>Registration for GST</li> </ul> |  |  |  |  |
|    | from date of publishing of this RFP.               | <ul><li>PAN</li></ul>                    |  |  |  |  |
|    | The Bidder should have valid PAN/GST               |  |  |  |  |  |
|    | registration.                                      |  |  |  |  |  |
| 2. | The Bidder must have a cumulative turnover         | CA certificate with UDIN.                |  |  |  |  |
|    | of at least Rs. 150 Cr. for 3 FYs                  |  |  |  |  |  |
|    | i.e., 2022-23, 2021-22 and 2020-21.                |  |  |  |  |  |
| 3  | The net worth of the bidder in three financial     | Audited Financial Statements for FY.     |  |  |  |  |
|    | years, (as per the last published audited balance  | 2020-21, 2021-22, 2022-23.               |  |  |  |  |
|    | sheet) should be positive. The bidder should be    | Copy of Balance Sheet, P&L Statement     |  |  |  |  |
|    | profitable and should not be at a loss in three    | and CA Certificate with UDIN.            |  |  |  |  |
|    | years (as per the last published audited           |  |  |  |  |  |
|    | balance sheet) for FY. 2020-21, 2021-22, 2022-     |  |  |  |  |  |
|    | 23.  |  |  |  |  |  |
| B) | Technical Conditions                               |  |  |  |  |  |

The bidder must have successfully undertaken the Details of similar work to be provided: following numbers of Similar assignments\* of value specified herein: -

One project not less than the amount of ₹ 20,00,00,000/- (Twenty Crores Only)OR Two projects not less than the amount of Rs. ₹ 15,00,00,000/- (Fifteen Crores Only)OR Three projects not less than the amount of Rs.

₹ 10,00,00,000/- (Ten Crores only) AND

The bidder should have experience of supply and installation of similar nature of equipment/tool as mentioned in the Scope of Work in Government Schools/ Colleges/ Universities/ Government Organizations/ Other Organizations/ Government Schemes.

\* Similar Experience assignments defined as: Supply, Installation, Commissioning and Training of related projects of supply of digital lab/Vocational labs/ Tools/ Machinery under State or Central Government or other organisations in last Five years from date of publishing of EoI.

Copies of supply orders/PO /Work Order

AND

Copy of Completion Certificate/Payment Proof/CA Certificate

The bidder must have successfully implemented Details of similar work to be provided: Procurement, Supply, installation, commissioning of at least 1500 Smart/ Digital/ Robotic/ STEM/ AR-VR/ Vocational Labs in Government Schools/ Colleges/ Universities/ Government Organizations/ Other Organisations, in last Five years as on date of publishing of RFP

Copies of supply orders/PO /Work Order AND Copy of Completion Certificate/Payment Proof/CA Certificate

a) The bidder shall have offered any IT tool for 6. tracking the entire lifecycle of the project.

Document.

a) Copies of supply orders/PO /Work Order/Agreement with relevant supporting's along with snippets of the tracker. The bidder also to submit a demo link for accessing the same.

| 7.  | <ul> <li>a. The bidder must possess a certification such as ISO 9001 or similar standards.</li> <li>b. The bidder must possess MAF (Manufacturer Authorization Form) for list attached as annexure-B.</li> <li>c. The bidder must comply to the technical specifications given in Scope of Work.</li> </ul> | provided. b. The bidder must attach Manufacturer  |
|-----|---|---|
| 8.  | The bidder must submit the catalogue from OEM/Distributor/Dealer for relevant items mentioned in the Scope of Work. The catalogue must define specifications of each Tool/equipment.  | equipment with warranty, and  |
| 9.  | Mandatory requirements:  All requirements mentioned in Terms of Reference and Scope of Work must bemandatory complied with. If the Bidder is not able to provide services according to TOR and SOW, they will be disqualified.  | ·   |
| C)  | Annexures   |   |
| 12. | Annexure-1  | Covering Letter: Self-certification duly signed by authorized signatory on company letter head.   |
| 13. | Annexure-2  | The Bidder should agree to abide by all the technical, commercial & financial conditions of the end customer RFP for which EOI is submitted.  Self-certification duly signed by authorized signatory on company letter head.                |
| 14. | Annexure-3  | An undertaking signed by the Authorized Signatory of the company to be provided on letter head. The Bidder should not have been blacklisted/debarred by any Governmental/ Non-Governmental Organization in India as on bid submission date. |
| 15. | Annexure-4  | Format for Affidavit to be uploaded by bidder with the tender documents.  |
| 16. | Annexure-5  | Non-disclosure agreement with RailTel.  |
| 17. | Power of Attorney   | Bidder need to provide Power of Attorney and Board Resolution in favor of one of its  |

|     |                                      | employees who will sign the Bid Documents.                                    |
|-----|--------------------------------------|---|
| 18. | Additional Documents to be Submitted | Technical Proposal with overview of the project with strength of the Partner. |
| 19. | Annexure-6                           | EMD (as PBG) Format   |
| 20. | Annexure-7                           | Price Bid Format (BOQ) (Financial Bid) with password protected PDF.           |
| 21. | Annexure-8                           | MAF Format  |
|     |                                      |   |

**Note:** Submission of all the valid/legal documents in context to above table is mandatory. Only those Bidders whose proposals meet each of the eligibility criteria will be shortlisted for further evaluation.

### 6. Bidder's Profile

The bidder shall provide the information in the below table:

| S.  | ITEM  | Details |
|-----|---|---------|
| No. |   |         |
| 1.  | Full name of bidder's firm  |         |
| 2.  | Full address, telephone numbers, fax numbers, and email address of the primary office of the organization / main / head / corporate office  |         |
| 3.  | Name, designation and full address of the Chief Executive Officer of the bidder's organization as a whole, including contact numbers and email Address                                      |         |
| 4.  | Full address, telephone and fax numbers, and email addresses of the office of the organization dealing with this tender   |         |
| 5.  | Name, designation and full address of the person dealing with the tender to whom all reference shall be made regarding the tender enquiry. His/her telephone, mobile, Fax and email address |         |
| 6.  | Bank Details (Bank Branch Name, IFSC Code, Account number)  |         |
| 7.  | GST Registration number   |         |

### **7.** Evaluation Criteria

- 7.1 The Business Associates are first evaluated on the basis of the Eligibility Criteria asper clause 5 above.
- 7.2 The Business Associate with lowest commercial (L1) offer will be selected for exclusive prebid arrangement for optimizing technical and commercial solution so that most winnable solution is submitted to end customer.
- 7.3 RailTel reserves the right to accept or reject the response against this EOI, without assigning any reasons. The decision of RailTel is final and binding on the participants. The RailTel evaluation committee will determine whether the proposal/information is complete in all respects and the decision of the evaluation committee shall be final. RailTel may at its discretion assign lead factor to the Business associate as per RailTel policy for shortlisting partner against this EOI.

7.4 All General requirement mentioned in the Technical Specifications are required to be complied. The solution proposed should be robust and scalable.

### 8. Payment terms

- 8.1 RailTel shall make payment to selected Business Associate after receiving payment from Customer for the agreed scope of work within 5-7 working days. In case of any penalty or deduction made by customer for the portion of work to be done by BA, same shall be passed on to Business Associate.
- 8.2 All payments by RailTel to the Partner will be made after the receipt of payment by RailTel from end Customer organization.
- 8.3 For claiming the payments from RailTel, following documents are required to be submitted:
  - a) Tax Invoice for completed scope of work
  - b) Certificate stating that the material /products are as per specification of the RFP of the customer and is NEW.

#### **9.** SLA

The selected bidder will be required to adhere to the SLA matrix as defined in the end Customer organization tender for his scope of work and the SLA breach penalty will be applicable proportionately on the selected bidder, as specified in the end Customer organization Tender. The SLA scoring and penalty deduction mechanism for inscope of work area shall be followed as specified in the Tender. All associated clarifications, responses to queries, revisions, addendum and corrigendum, associated Prime Services Agreement (PSA)/ MSA/ SLA also included. Any deduction by Customer from RailTel payments on account of SLA breach which is attributable to Partner will be passed on to the Partner proportionately based on its scope of work.

Note: Depending on RailTel's business strategy RailTel may choose to work with Partner who is most likely to support in submitting a winning bid and also in compliance of the end customer RFP conditions.

# COVERING LETTER (To be on company letter head)

| To,   |                              |  |     |
|---|------------------------------|--|-----|
| RailTel Corporation of India Ltd. Plate-A, 6th Floor, Office Tower-2, NBCC Building, East Kidwai Nagar, New Delhi-1 | 10023                        |  |     |
| Dear Sir, powe  |                              |  |     |
| SUB: Participation in the EoI process   |                              |  |     |
| _   |                              | ument bearing the reference numb       |     |
| the receipt of the same and offer to participate in   | n conformity with the sai    | d Invitation for EoI document.         |     |
| If our application is accepted, we undertake  | to abide by all the term     | ns and conditions mentioned in the sa  | iic |
| Invitation for EoI document.  |                              |  |     |
| We hereby declare that all the information a  | nd supporting document       | ts furnished as a part of our response | tc  |
| the said Invitation for EoI document, are true t  | to the best of our know      | vledge. We understand that in case a   | ny  |
| discrepancy is found in the information submitted   | d by us, our EoI is liable t | o be rejected.                         |     |
| We hereby Submit EMD amount of Rs   | issued vide                  | from Bank                              |     |
| Authorized Signatory  |                              |  |     |
| Name<br>Designation   |                              |  |     |
| Designation   |                              |  |     |

**Annexure 2: Format for Self-Certificate & Undertaking** 

Self-Certificate (To be on company letter head)

| Eol Reference No:                                  | Date: |
|--|-------|
| То,  |       |
| RailTel Corporation of India Ltd.                  |       |
| Plate-A, 6th Floor, Office Tower-2,                |       |
| NBCC Building, East Kidwai Nagar, New Delhi-110023 |       |

Dear Sir,

### Sub: Self Certificate for Tender, Technical & other compliances

| 1) | Having examined   | the Technical specifications mentioned in this EOI & end customer tender, we hereby |
|----|-------------------|---|
|    | confirm that we m | eet all specification.  |
| 2) | W/e               | agree to ahide by all the technical commercial & financial conditions of the end    |

- 2) We \_\_\_\_\_\_agree to abide by all the technical, commercial & financial conditions of the end customer RFP for which EOI is submitted (except pricing, termination & risk purchase rights of the RailTel). We understand and agree that RailTel shall release the payment to selected partner after the receipt of corresponding payment from end customer by RailTel. Further we understand that in case selected partner fails to execute assigned portion of work, then the same shall be executed by RailTel through third party or departmentally at the risk and cost of selected partner.
- 3) We agree to abide by all the technical, commercial & financial conditions of the end customer's RFP for the agreed scope of work for which this EOI is submitted.
- 4) We hereby agree to comply with all OEM technical & Financial documentation including MAF, Technical certificates/others as per end to end requirement mentioned in the end customer's RFP. We are hereby enclosing the arrangement of OEMs against each of the BOQ item quoted as mentioned end customer's RFP. We also undertake to submit MAF and other documents required in the end Customer organization tender in favour of RailTel against the proposed products.
- 5) We hereby certify that any services, equipment and materials to be supplied are produced in eligible source country complying with OM/F. No. 6/18/2019 dated 23rd July 2020 issued by DoE, MoF.
- 6) We hereby undertake to work with RailTel as per end customer's RFP terms and conditions. We confirm to submit all the supporting documents constituting/ in compliance with the Criteria as required in the end customer's RFP terms and conditions like technical certificates, OEM compliance documents.
- 7) We understand and agree that RailTel is intending to select partner who is willing to accept all terms & conditions of end customer organization's RFP for the agreed scope of work. RailTel will strategies to retain scope of work where RailTel has competence.

- 8) We hereby agree to submit that in case of being selected by RailTel as partner for the proposed project (for which EOI is submitted), we will submit all the forms, appendix, relevant documents etc. to RailTel that is required and desired by end Customer well before the bid submission date by end customer and as and when required.
- 9) We hereby undertake to sign Pre Bid Agreement and Non-Disclosure Agreement with RailTel on a non-judicial stamp paper of Rs. 100/- in the prescribed Format.
- 10) We undertake that we will not submit directly or indirectly out bids and techno-commercial solution/association with any other organization once selected in this EOI for pre-bid teaming arrangement (before and after submission of bid to end customer organization by RailTel)

**Authorized Signatory** 

Name & Designation

# Annexure 3: Undertaking for not Being Blacklisted/Debarred

<On Company Letter Head>

| To,   |
|---|
| RailTel Corporation of India Ltd<br>Plate-A, 6th Floor, Office Tower-2,<br>NBCC Building, East Kidwai Nagar, New Delhi-110023 |
| Subject: Undertaking for not Being Blacklisted/Debarred   |
| We, <u>Company Name</u> , having its registered office at <u>Address</u>  |
| hereby declares that that the Company has not been blacklisted/debarred by any  |
| Governmental/ Non-Governmental organization in India for past 3 Years as on bid submission date.                              |
|   |
| Date and Place  |
| Authorized Signatory's Signature:   |
| Authorized Signatory's Name and Designation:  |
| Bidder's Company Seal:  |

### **Annexure 4: Format of Affidavit**

| (To be executed in presence of Public notary on non-judicial stamp paper of the value of Rs. 100/ |
|---|
| The paper has to be in the name of the BA) **   |
|   |

M/s \_\_\_\_\_\_(hereinafter called the BA) for the purpose of the EOI documents for the work of \_ as per the EOI No. \_\_\_\_\_\_of (RailTel Corporation of India Ltd.), do hereby solemnly affirm and state on the behalf of the BA including its constituents as under:

I......(Name and designation)\*\* appointed as the attorney/authorized Signatory of the BA (including

- 1. I/we the BA (s), am/are signing this document after carefully reading the contents.
  - 2. I/we the BA(s) also accept all the conditions of the EOI and have signed all the pages in confirmation thereof.
  - 3. I/we hereby declare that I/we have downloaded the EOI documents from RailTel website <a href="www.railtelindia.com">www.railtelindia.com</a>. I/we have verified the content of the document from the website and there is no addition, no deletion or no alternation to be content of the EOI document. In case of any discrepancy noticed at any stage i.e. evaluation of EOI, execution of work or final payment of the contract, the master copy available with the RailTel Administration shall be final and binding upon me/us.
  - 4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
  - 5. I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
  - 6. I/we declare that the information and documents submitted along with the EOI by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
  - 7. I/we undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of EOI, it shall lead to forfeiture of the EOI EMD besides banning of business for five years on entire RailTeI.

    Further, I/we (insert name of the BA)\*\*\_and all my/our constituents understand that my/our offer shall be summarily rejected.
  - 8. I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture

| of EMD/SD and    | Performance      | guarantee    | besides   | any | other | action | provided | in t | the | contract | includi | ng |
|------------------|------------------|--------------|-----------|-----|-------|--------|----------|------|-----|----------|---------|----|
| banning of busir | ness for five ye | ars on entir | e RailTel | l.  |       |        |          |      |     |          |         |    |

DEPONENT SEAL AND SIGNATURE OF THE BA

### **VERIFICATION**

I/We above named EOI do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

**DEPONENT** 

SEAL

AND SIGNAURE OF THE BA

Place:

Dated:

<sup>\*\*</sup>The contents in Italics are only for guidance purpose. Details as appropriate, are to be filled in suitably by BA. Attestation before Magistrate/Notary Public.

# Annexure-5: Non-Disclosure Agreement (NDA) Format

# **NON-DISCLOSURE AGREEMENT**

| This Non-Disclosure Agreement (this " <u>Agreement</u> ") is made and entered into on this day of , 2021  |
|---|
| (the " <i>Effective Date</i> ") at By and between   |
| RailTel Corporation of India Limited, (CIN: L64202DL2000GOI107905), a Public Sector Undertaking under Ministry of Railways, Govt. of India, having its registered and corporate office at Plate-A, 6th Floor, Office Block, Tower -2, East Kidwai Nagar, New Delhi-110023, (hereinafter referred to as 'RailTel'), which expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of the ONE PART, And  |
| ) (CIN:), a company duly incorporated under the   |
| provisions of Companies Act, having its registered office at, (hereinafter referred to as ''), which  |
| expression shall unless repugnant to the context or meaning thereof, deem to mean and include its successors and its permitted assignees of OTHER PART  |
| RailTel and shall be individually referred to as "Party" and jointly as "Parties"   |
| WHEREAS, RailTel and, each possesses confidential and proprietary information related to its business activities, including, but not limited to, that information designated as confidential or proprietary under Section 2 of this Agreement, as well as technical and non-technical information, patents, copyrights, trade secrets, know-how, financial data, design details and specifications, engineering, business and marketing strategies and plans, forecasts or plans, pricing strategies, formulas, procurement requirements, vendor and customer lists, inventions, techniques, sketches, drawings, models, processes, apparatus, equipment, algorithms, software programs, software source documents, product designs and the like, and third party confidential information (collectively, the "Information"); |
| WHEREAS, the Parties have initiated discussions regarding a possible business relationship for  |
| WHEREAS, each Party accordingly desires to disclose certain Information (each Party, in such disclosing capacity, the " <u>Pisclosing Party</u> ") to the other Party (each Party, in such receiving capacity, the " <u>Receiving Party</u> ") subject to the terms and conditions of this Agreement.   |
| NOW THEREFORE, in consideration of the receipt of certain Information, and the mutual promises made in this Agreement, the Parties, intending to be legally bound, hereby agree as follows:   |
| 1. Permitted Use.   |
| (a) Receiving Party shall:  |
| (i) hold all Information received from Disclosing Party in confidence;  |
| (ii) use such Information for the purpose of evaluating the possibility of entering into a commercial arrangement between the Parties concerning such Information; and  |
| (iii)   |
| restrict disclosure of such Information to those of Receiving Party's officers,   |
| directors, employees, affiliates, advisors, agents and consultants (collectively, the "Representatives") who the  |

Receiving Party, in its reasonable discretion, deems need to know such Information, and are bound by the terms

and conditions of (1) this Agreement, or (2) an agreement with terms and conditions substantially similar to those set forth in this Agreement.

- (b) The restrictions on Receiving Party's use and disclosure of Information as set forth above shall not apply to any Information that Receiving Party can demonstrate:
- (i) is wholly and independently developed by Receiving Party without the use of Information of Disclosing Party;
- (ii) at the time of disclosure to Receiving Party, was either (A) in the public domain, or (B) known to Receiving Party;
- (iii) is approved for release by written authorization of Disclosing Party; or
- (iv) is disclosed in response to a valid order of a court or other governmental body in the India or any political subdivision thereof, but only to the extent of, and for the purposes set forth in, such order; <u>provided</u>, <u>however</u>, that Receiving Party shall first and immediately notify Disclosing Party in writing of the order and permit Disclosing Party to seek an appropriate protective order.
  - (c) Both parties further agree to exercise the same degree of care that it exercises to protect its own Confidential Information of a like nature from unauthorised disclosure, but in no event shall a less than reasonable degree of care be exercised by either party.

### 2. <u>Designation</u>.

- (a) Information shall be deemed confidential and proprietary and subject to the restrictions of this Agreement if, when provided in:
- (i) written or other tangible form, such Information is clearly marked as proprietary or confidential when disclosed to Receiving Party; or
- (ii) oral or other intangible form, such Information is identified as confidential or proprietary at the time of disclosure.
- **3.** <u>Cooperation.</u> Receiving Party will immediately give notice to Disclosing Party of any unauthorized use or disclosure of the Information of Disclosing Party.
- 4. <u>Ownership of Information</u>. All Information remains the property of Disclosing Party and no license or other rights to such Information is granted or implied hereby. Notwithstanding the foregoing, Disclosing Party understands that Receiving Party may currently or in the future be developing information internally, or receiving information from other parties that may be similar to Information of the Disclosing Party. Notwithstanding anything to the contrary, nothing in this Agreement will be construed as a representation or inference that Receiving Party will not develop products, or have products developed for it, that, without violation of this Agreement, compete with the products or systems contemplated by Disclosing Party's Information.
- **No Obligation.** Neither this Agreement nor the disclosure or receipt of Information hereunder shall be construed as creating any obligation of a Party to furnish Information to the other Party or to enter into any agreement, venture or relationship with the other Party.

### 6. Return or Destruction of Information.

(a)
Information shall remain the sole property of Disclosing Party and all materials containing any such Information (including all copies made by Receiving Party) and its Representatives shall be returned or destroyed by Receiving Party immediately upon the earlier of:

| (i)           |     | termination of this Agreement;  |  |  |  |  |
|---------------|-----|---|--|--|--|--|
| (ii)<br>(iii) |     | expiration of this Agreement; or Receiving Party's determination that it no longer has a need for such Information.   |  |  |  |  |
|               |     | (b) Upon request of Disclosing Party, Receiving Party shall certify in writing that all Information received by Receiving Party (including all copies thereof) and all materials containing such Information (including all copies thereof) have been destroyed.  |  |  |  |  |
| 7.            |     | <b>Injunctive Relief</b> : Without prejudice to any other rights or remedies that a party may have, each party acknowledges and agrees that damages alone may not be an adequate remedy for any breach of this Agreement, and that a party shall be entitled to seek the remedies of injunction, specific performance and/or any other equitable relief for any threatened or actual breach of this Agreement |  |  |  |  |
| 8.            |     | Notice.   |  |  |  |  |
|               |     | (a) Any notice required or permitted by this Agreement shall be in writing and shall be delivered as follows, with notice deemed given as indicated:  |  |  |  |  |
| (i)           |     | by personal delivery, when delivered personally;  |  |  |  |  |
| (ii)          |     | by overnight courier, upon written verification of receipt; or  |  |  |  |  |
| (iii)         |     | by certified or registered mail with return receipt requested, upon verification of receipt.  |  |  |  |  |
|               |     | (b) Notice shall be sent to the following addresses or such other address as either Party specifies in writing.   |  |  |  |  |
|               |     | RailTel Corporation of India limited:   |  |  |  |  |
|               |     | Attn: Address: Phone: Email.  |  |  |  |  |
|               |     | <b>:</b>  |  |  |  |  |
|               |     | Attn: Address: Phone: Email:  |  |  |  |  |
| 9.            |     | Term, Termination and Survivability.  |  |  |  |  |
|               | (a) | Unless terminated earlier in accordance with the provisions of this agreement, this Agreement shall be in ful force and effect for a period of years from the effective date hereof.  |  |  |  |  |
|               | (b) | Each party reserves the right in its sole and absolute discretion to terminate this Agreement by giving the other party not less than 30 days' written notice of such termination.  |  |  |  |  |
|               | (c) | Notwithstanding the foregoing clause 9(a) and 9 (b), Receiving Party agrees that its obligations, shall:  |  |  |  |  |
| (i)           |     | In respect to Information provided to it during the Term of this agreement, shall survive and continue even after the expiry of the term or termination of this agreement; and  |  |  |  |  |

not apply to any materials or information disclosed to it thereafter.

(ii)

- **10.** Governing Law and Jurisdiction. This Agreement shall be governed in all respects solely and exclusively by the laws of India without regard to its conflicts of law principles. The Parties hereto expressly consent and submit themselves to the jurisdiction of the courts of New Delhi.
- **11. Counterparts.** This agreement is executed in duplicate, each of which shall be deemed to be the original and both when taken together shall be deemed to form a single agreement
- 12. <u>No Definitive Transaction</u>. The Parties hereto understand and agree that no contract or agreement with respect to any aspect of a potential transaction between the Parties shall be deemed to exist unless and until a definitive written agreement providing for such aspect of the transaction has been executed by a duly authorized representative of each Party and duly delivered to the other Party (a "<u>Final Agreement</u>"), and the Parties hereby waive, in advance, any claims in connection with a possible transaction unless and until the Parties have entered into a Final Agreement.

## 13. Settlement of Disputes:

- a) The parties shall, at the first instance, attempt to resolve through good faith negotiation and consultation, any difference, conflict or question arising between the parties hereto relating to or concerning or arising out of or in connection with this agreement, and such negotiation or consultation shall begin promptly after a Party has delivered to another Party a written request for such consultation.
- b) In the event of any dispute, difference, conflict or question arising between the parties hereto, relating to or concerning or arising out of or in connection with this agreement, is not settled through good faith negotiation or consultation, the same shall be referred to arbitration by a sole arbitrator.
- c) The sole arbitrator shall be appointed by CMD/RailTel out of the panel of independent arbitrators maintained by RailTel, having expertise in their respective domains. The seat and the venue of arbitration shall be New Delhi. The arbitration proceedings shall be in accordance with the provision of the Arbitration and Conciliation Act 1996 and any other statutory amendments or modifications thereof. The decision of arbitrator shall be final and binding on both parties. The arbitration proceedings shall be conducted in English Language. The fees and cost of arbitration shall be borne equally between the parties.

#### 14. CONFIDENTIALITY OF NEGOTIATIONS

Without the Disclosing Party's prior written consent, the Receiving Party shall not disclose to any Person who is not a Representative of the Receiving Party the fact that Confidential Information has been made available to the Receiving Party or that it has inspected any portion of the Confidential Information or that discussions between the Parties may be taking place.

### 15. REPRESENTATION

The Receiving Party acknowledges that the Disclosing Party makes no representation or warranty as to the accuracy or completeness of any of the Confidential Information furnished by or on its behalf. Nothing in this clause operates to limit or exclude any liability for fraudulent misrepresentation.

#### **16. ASSIGNMENT**

Neither this Agreement nor any of the rights, interests or obligations under this Agreement shall be assigned, in whole or in part, by operation of law or otherwise by any of the Parties without the prior written consent of each of the other Parties. Any purported assignment without such consent shall be void. Subject to the preceding sentences, this Agreement will be binding upon, inure to the benefit of, and be enforceable by, the Parties and their respective successors and assigns.

#### 17. EMPLOYEES AND OTHERS

Each Party shall advise its Representatives, contractors, subcontractors and licensees, and shall require its Affiliates to advise their Representatives, contractors, subcontractors and licensees, of the obligations of confidentiality and non-use under this Agreement, and shall be responsible for ensuring compliance by its and its Affiliates' Representatives, contractors, subcontractors and licensees with such obligations. In addition, each Party shall require all persons and entities who are not employees of a Party and who are provided access to the Confidential Information, to execute confidentiality or non-disclosure agreements containing provisions no less stringent than those set forth in this Agreement. Each Party shall promptly notify the other Party in writing upon learning of any unauthorized disclosure or use of the Confidential Information by such persons or entities.

#### **18. NO LICENSE**

Nothing in this Agreement is intended to grant any rights to under any patent, copyright, or other intellectual property right of the Disclosing Party, nor will this Agreement grant the Receiving Party any rights in or to the Confidential Information of the Disclosing Party, except as expressly set forth in this Agreement.

#### 19. RELATIONSHIP BETWEEN PARTIES:

Nothing in this Agreement or in any matter or any arrangement contemplated by it is intended to constitute a partnership, association, joint venture, fiduciary relationship or other cooperative entity between the parties for any purpose whatsoever. Neither party has any power or authority to bind the other party or impose any obligations on it and neither party shall purport to do so or hold itself out as capable of doing so.

# 20: UNPULISHED PRICE SENSITIVE INFORMATION (UPSI)

| agrees and acknowledges that, its Partners, employees, representatives                           | etc., by virtue of |
|--|--------------------|
| being associated with RailTel and being in frequent communication with RailTel and its emp       | oloyees, shall be  |
| deemed to be "Connected Persons" within the meaning of SEBI (Prohibition of Insider Trad         | ing) Regulations,  |
| 2015 and shall be bound by the said regulations while dealing with any confidential and/ of      | or price sensitive |
| information of RailTel shall always and at all times comply with the obligations                 | and restrictions   |
| contained in the said regulations. In terms of the said regulations, shall abide by t            | the restriction on |
| communication, providing or allowing access to any Unpublished Price Sensitive Information (     | (UPSI) relating to |
| RailTel as well as restriction on trading of its stock while holding such Unpublished Price Sens | itive Information  |
| relating to RailTel  |                    |

**21 MISCELLANEOUS.** This Agreement constitutes the entire understanding among the Parties as to the Information and supersedes all prior discussions between them relating thereto. No amendment or modification of this Agreement shall be valid or binding on the Parties unless made in writing and signed on behalf of each Party by its authorized representative. The failure or delay of any Party to enforce at any time any provision of this Agreement shall not constitute a waiver of such Party's right thereafter to enforce each and every provision of this Agreement. In the event that any of the terms, conditions or provisions of this Agreement are held to be illegal, unenforceable or invalid by any court of competent jurisdiction, the remaining terms, conditions or provisions hereof shall remain in full force and effect. The rights, remedies and obligations set forth herein are in addition to, and not in substitution of, any rights, remedies or obligations which may be granted or imposed under law or in equity.

| IN WITNESS WHEREOF, the Parties have exec | cuted this Agreement on the date set forth above. |
|---|---|
| <u></u>                                   | RailTel Corporation of India Limited:             |
|   |   |

| Ву        | By     |  |
|-----------|--------|--|
|           |        |  |
|           |        |  |
|           |        |  |
| Name:     | Name:  |  |
| Title:    | Title: |  |
|           |        |  |
| Witnesses |        |  |

### Annexure-6: EMD (as PBG) Format

BG NO :

ISSUANCE DATE : DD-MM-YYYY
BG AMOUNT : Rs xxxxxxx /EXPIRY DATE : DD-MM-YYYY
CLAIM EXPIRY : DD-MM-YYYY

DATE

In consideration of the **RailTel Corporation of India Limited**, (CIN: L64202DL2000GOI107905) having its registered office at Plate-A, 6<sup>th</sup> Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi - 110023 (Here in after called RailTel) having agreed to exempt **Partner Name (CIN: )** having its registered office at **Partner's address** (Here in after called "the said Contractor(s)") from the demand, under the terms and conditions of **EOI NO.** made between **RailTel Corporation of India Limited** and **Partner Name** for (here in after called "the said Agreement") of security deposit for the due fulfilment by the said contractor (s) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for **Rs. /- (In Words).** 

We, **Bank Name** a banking company incorporated under the Companies Act, 1956 and carrying on Banking Business under The Banking Regulation Act, 1949 and having its Registered Office at **Bank's Address** and its Central office at **Bank's Corporate Office Address** (indicate the name of the Bank) here in after referred to as "the Bank") at the request of **Partner's Name** Contractor(s) do hereby undertake to pay the **RailTel** an amount not exceeding **Rs / (In Words)** .. against any loss or damage caused to or suffered or would be caused to or suffered by the **RailTel** by reason of any breach by said Contractor(s) of any of the terms or conditions contained in the said Agreement.

We, **Bank Name** do here by undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the **RailTel** stating that the amount as claimed is due by way of loss or damage caused to or would be caused to or suffered by the **RailTel** by reason of breach by the said Contractor(s) of any terms and conditions contained in the said Agreement or by the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding **Rs. /- (In Words).** 

We, **Bank's Name** undertake to pay to the **RailTel** any money so demanded not with standing any dispute or disputes raised by the Contractor(s) / Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal. The payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the Contractor(s)/ Supplier(s) shall have no claim against us for making such payment.

We, Bank's Name-further agree that the Guarantee here in contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the RailTel under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till RailTel certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharge this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before the DD-MM-YYYY(Claim Expiry Date.) We shall be discharged from all liability under this Guarantee thereafter.

We, **Bank's Name** further agree with the **RailTel** that the **RailTel** shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the Agreement or to extend time or to postpone for any time or from time to time any of the powers exercisable by the **RailTel** against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to

the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension to the said Contractor(s) or for any forbearance, act or omission on the part of **RailTel** or any indulgence by the **RailTel** to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This Guarantee will not be discharged due to the change in the Constitution of the bank or the Contractor(s) Supplier(s).

**Bank's Name** lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the **RailTel** in writing.

| Date : DD-MM-YYY | Υ |  |
|------------------|---|--|
|------------------|---|--|

Place:

\*

### Annexure-7: Price Bid Format (BOQ) (Financial Bid) with password protected PDF.

### Part - 1 Form

| SN          | Name of Job Role  | No. of<br>lab under<br>each | Cost for Set-<br>up*per Lab<br>(Rs.) | Total Cost for<br>Set-up (Rs.)<br>incl. taxes | GST<br>(%) |
|-------------|---|-----------------------------|--------------------------------------|---|------------|
| 1.          | Artificial Intelligence                                   | 276                         |                                      |   |            |
| II.         | Virtual reality (VR) and augmented reality (AR) (IT-ITeS) | 315                         |                                      |   |            |
| III.        | Logistics   | 29                          |                                      |   |            |
| IV.         | Retail  | 31                          |                                      |   |            |
| ٧.          | Healthcare  | 135                         |                                      |   |            |
| VI.         | BFSI - Financial Markets Management                       | 58                          |                                      |   |            |
| VII.        | Hospitality And Tourism                                   | 63                          |                                      |   |            |
| VIII.       | Automotive  | 75                          |                                      |   |            |
| IX.         | Beauty And Wellness                                       | 44                          |                                      |   |            |
| Χ.          | Apparel   | 72                          |                                      |   |            |
| XI.         | Multi Skills Foundation Course                            | 8                           |                                      |   |            |
| XII.        | Agriculture   | 59                          |                                      |   |            |
| XIII.       | Electronics And HW / Agri                                 | 35                          |                                      |   |            |
| Grand Total |   | 1200                        |                                      | (A)   |            |

### Part - 2 Form

| SN          | Name of Job Role      | No. of lab<br>under each | Cost for Set-<br>up*per Lab<br>(Rs.) | Total Cost<br>for<br>Set-up (Rs.)<br>incl taxes | GST<br>(%) |
|-------------|-----------------------|--------------------------|--------------------------------------|---|------------|
|             | Branding for all Labs | 1200                     |                                      |   |            |
| Grand Total |                       |                          |                                      | (B)   |            |

- a. The Total cost of the assignment (A)+(B)
- b. Lab Set-up\* would include the cost of Supply, Installation, Commissioning, tracking tool, branding and Users' Training of all items defined in Annexure-A.

#### Note: -

- All the above price would be in INR only.
- The bidder has to compulsorily quote for all items mentioned in the Commercial-bid Tables. In case bidder fails to quote for any of this stage, the bid would be summarily rejected.
- The bid price should include all taxes and levies.
- Any conditional bid would be rejected.

# Annexure-8

# MANUFACTURER'S AUTHORISATION FORM

(to be submitted by authorized distributor/importers in a **letterhead** incase the bidder isthe authorized distributor/importer of OEM)

| Nc  | ).   | Dated:              |
|-----|--|---------------------|
| То  |  |                     |
|     | [Name and address of   |                     |
| Cli | ent]   |                     |
|     | Dear Sir / Madam,  |                     |
|     | Bid Reference No :   |                     |
|     | Equipment Name :   |                     |
| 1.  | We   |                     |
|     | address of bidder) as(Importer / Distributo submit bids, and subsequently negotiate and sign the contract with against the above bid no  |                     |
| 2.  | No company or firm or individual other than areauthorized to bid, negotiate and conclude the contract in regarthisbusiness against thisspecific bid reference no.  | M/s.<br>rd to       |
| 3.  | We also hereby undertake to provide full guarantee/warra/CMC/AMCas agreed by thebidder in the event the bidder is charas the dealers orthe bidder fails to provide satisfactory after sales service during such period of Comprehensive warranty/CMC//and to supply all the spares/reagents / consumables for 6 years. | nged<br>sand<br>AMC |
| 4.  | We also hereby declare that we have the capacity to manufact<br>and supply, install and commission the quantity of the equipment<br>bided within the stipulated time.  |                     |

(Name)

for and on behalf of M/s.

Date: (Name of manufacturers)

Place:

Seal

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer. In case distributor is quoting through the importer, then the manufacturer has to give authorization to importer and the importer has to give the authorization to the distributor in the above format.

# Annexure-A List of Labs

# Branding of all labs:

| S.N<br>o. | Item<br>Code | Sector     | Tool & Equipment                                    | Specification                     | Unit<br>(type<br>) | Per<br>Sch<br>ool<br>(Qty<br>) |
|-----------|--------------|------------|---|-----------------------------------|--------------------|--------------------------------|
| 1         | 1            | Flex Board | Scheme Branding Board to be setup outside every lab | 2*6 Ft High<br>Quality Flex Board | 1                  | 2                              |
| 2         | 2            | Sunboard   | Scheme Branding Board to be setup inside every lab  | 3*4 Ft HighQuality<br>Sunboard    | 1                  | 2                              |

# **AI Tool lists:**

|       |              |  | List of Tools and Equipment<br>Course: Al   | t              |                        |
|-------|--------------|--|---|----------------|------------------------|
| S.No. | Item<br>Code | Tool & Equipment                             | Specification   | Unit<br>(type) | Per<br>School<br>(Qty) |
| 1     | Item 1       | Laptop computers                             | Laptop computers Specification: Processor :Intel Core i5-1235U or Equivalent, upto 4.4 GHz frequency, 10 Cores, 12 Threads, Chipset :Intel Integrated SoC or Equivalent RAM Size (GB) : 8 GB DDR4-2933 MHz RAM (1 x 8 GB), Hard Disk (GB) : 512 GB PCle® NVMe™ M.2 SSD, Operating System (Pre-Loaded): Windows 11 Home or Equivalent, USB Port 3.0(No.) :1 or more, USB Port 2.0 (No.):1 or more, Network Connectivity :10/100/1000 on board integrated gigabit port, Display: 35.6 cm (14 inch) diagonal, HD (1366 x 768), micro-edge, BrightView, 250 nits, 45% NTSC : 1 year (1/1/1) limited warranty includes 1 year of parts and labour. On-site repair. Wireless: Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) WiFi® and Bluetooth® 4.2 combo or Equivalent, Power Supply: 65 W Smart AC power adapter, Battery Type: 3-cell, 41 Wh Li-ion, Energy Efficiency Compliance: EPEAT® registered | Nos.           | 15                     |
| 2     | Item 2       | Intel Brand or<br>Equivalent Learning<br>Kit | Plug-n-Play boards pre-loaded with software supporting AI modelling and deployment, IoT, 3D printing and more   | Nos.           | 15                     |
| 3     | Item 3       | Printer/Scanner/Xerox                        | Brand: HP/Canon Pixma or Equivalent All-In-One Colour Inkjet Printer (Black). Copy,Print,Scan, 16 Mb internal memory. Up to 46 db. Noise level. Output Tray capacity 50 pages. Media Size Supported A4, A5, B5, Letter, Legal, Envelopes, Custom size. Input Tray capacity 100. USB support-Yes. Warranty Period 1 Year 1. Spill-free replenishment system. 2. Operation System: Windows. 3. Print up to 8000 pages with a set of colour ink bottle; Print up to 5000 with a set of black ink bottle. 4. Create borderless brochures, flyers, photos and other documents.   | Nos.           | 1                      |

| 4  | Item 4  | Local Area Network  | 16 port Network switch. 16-Port 10/100Mbps Desktop/Rackmount Switch, Power Cord, Installation Guide, Rackmount Kit and Rubber Feet. 110 Volts. 801.11ac. Auto-MDIX, IEEE 802.3, Ethernet, Auto-MDI, Fast Ethernet  | Nos. | 1  |
|----|---------|---|--|------|----|
| 5  | Item 5  | Lab Chairs  | Stackable chairs with arms, Dimensions:<br>length 17, width: 17, height:32 (in inches).<br>Material: Polypropylene   | Nos. | 15 |
| 6  | Item 6  | Computer Tables   | Table height :80 CMS, length :70 cms, width :45 cms with key board and CPU shelves Material - Wooden   | Nos. | 15 |
| 7  | Item 7  | White Board   | Material of Board Ceramic Steel Material of Frame Anodized extrudedAluminium alloy hollow section of designation 63400 conforming to IS: 1285 Material of Back Cover Galvanized steel sheets conforming to IS:277 Thickness and Material of back support (conforming to IS:12406) 9 millimetre | Nos. | 1  |
| 8  | Item 8  | Demonstration Charts  | 4" X 3" Ft.  | Nos. | 5  |
| 9  | Item 9  | USB / Pen drive   | Capacity = 8GB each USB  | Nos. | 2  |
| 10 | Item 10 | RJ45 connecters   | Connector used in Ethernet and other data links & cables   | Nos. | 1  |
| 11 | Item 11 | Anti Virus software   | One license for one laptop computer therefore 15 licenses for 15 computers   | Nos. | 15 |
| 12 | Item 12 | Printer Cartridges<br>(Compatible Printer<br>Type Required) | GI-790 / HP 3052 PRINTER CATRIDGE 12A (hp) , Brand HP or Equivalent Type of Cartridge/Consumable Toner Ink/Toner/Drum Model number HP 3052 PRINTER CATRIDGE 12A or Equivalent Corresponding Part number/ code HP 3052 PRINTER CATRIDGE 12A or Equivalent                                       | Nos. | 1  |
| 13 | Item 13 | Fire extinguisher   | Type Stored Pressure Extinguishing Media Powder Based Expellant Medium N2 Based (Stored Pressure) Foam Based Fire ExtinguisherCapacity(Litres) 4 Powder Based Fire Extinguisher Capacity(Kg) 4 Carbon Dioxide Based Fire Extinguisher Capacity (Kg) 4.5  | Nos. | 1  |
| 14 | Item 14 | LibreOffice or MS<br>Office or Equivalent<br>package        | Latest version - One for each Laptop<br>Computer   | Nos. | 15 |
| 15 | Item 15 | Printer Tables  | (H 16 x W 13 x D 12 inches / H 40.6 x W 33 xD 30.5 in cms), Engineered Wood,   | Nos. | 1  |

| 16 | Item 16 | Smart Board | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touchscreen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53 or later, 2.2 GHz or Higher OS- Android 11.0 or later Memory RAM-8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer: Built-in: Functionalities- PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: | Nos. | 1 |
|----|---------|-------------|---|------|---|
|    |         |             | Low Blue Light  |      |   |

|       | Sector - Augmented Reality and Virtual Reality (AR-VR) |                          |  |                |                                |  |  |  |  |  |
|-------|--|--------------------------|--|----------------|--------------------------------|--|--|--|--|--|
|       | Equipment List   |                          |  |                |                                |  |  |  |  |  |
| S.No. | Item<br>Code   | Tool & Equipment         | Specification  | Unit<br>(type) | Per<br>Scho<br>ol<br>(Qty<br>) |  |  |  |  |  |
| 1     | Item 1   | VR Standalone<br>Headset | Headset: 191.5 mm x 102 mm x 142.5 mm (295.5 mm with fully-unfolded strap), 503g; Color: white. Controllers: 90 x 120mm (per controller, including tracking ring with IR LED- based tracking), 126g (percontroller, without battery), around 147g (with a AA battery); Around 30 hours of usage from one AA battery; Color: white.  Display: IPS LCD, 1832x1920px per year resolution,90Hz native refresh rate (currently capable of 72Hz, 90Hz coming with software update); around90-degree field of view (estimated); adjustable IPD - three-position slider - 58mm, 63mm and 68mm Chipset: Qualcomm Snapdragon XR2 (7 nm): Octa-core (1x2.84 GHz Kryo 585 & 3x2.42 GHz Kryo 585 & 4x1.8 GHz Kryo 585); Adreno 650.  Memory: 64/256GB 6GB LPDDR5 RAM. OS/Software: based on Android 10, no Google Play Services, uses proprietary store for apps and games; Supports playing PC VR games through linkand third-party wireless solutions. Tracking: Supports 6 degrees of freedom (6DoF) head and hand tracking through integrated Insighttechnology (inside-out tracking); 4 front-facing cameras for visual controller tracking, plus gyroscopes and accelerometers in headset and controllers; Hand tracking (beta). Play space: Stationary and room-scale support, upto around 20m x 20m play area is mappable. Headset Battery: 3,640 mAh (14.0 Wh) lithium- ion(2 to 3 hours of use on a single charge); 10W (5V@2A) charging (around 2.5 hours for a full charge).  Audio: Built-in stereo speakers and microphone, 3.5mm audio jack, support for 3D audio. Connectivity: Wi-Fi b/g/n/ac(5)/ax(6), 60 GHz Wi-Fi ay module (currently not in use); Bluetooth 5.0 LE; Type-C USB port, with USB | 1              | 10                             |  |  |  |  |  |

#### Sector - Augmented Reality and Virtual Reality (AR-VR) **Equipment List** Per Scho Item Unit ol S.No. Code **Tool & Equipment Specification** (type) (Qty 10.1" HD (1280x800) display with 400 nits' brightness 3GB RAM, 32GB ROM expandable up to 256GB, Item 2 **Tablets** 1 10 ex-FAT up to 1 TB 2 Octa-core processor with 2.3GHz frequency 8 MP Rear Camera, 5 MP front camera Item 3 Headphones Headphone with 3.5mm Jack 10 3 1 4 Item 4 AR Globe Kit AR Globe Kit for Education Purposes 1 10 AR Cubes-based AR Cube for Educational Experiences 10 5 Item 5 1 Kit Intel i5 or Equivalent Gen 11+ Processor OR Ryzen 3 3250U+ Processor 16GB RAM Laptop for 256GB SSD Item 6 1 1 6 Teacher Windows 11 or Equivalent MS Office or Equivalent Office Installed **Programming Software Installed** 1 Year Extended Warranty Smart LED Projector with WiFi/BT v5.1, FHD 7 Item 7 Projector 1 1080p, Apps, Miracast DLNA/Airplay Support, 5000 Lumen, 30000H lifespan, HDMI, 2X USB Speaker and Remote Control Projector 8 Item 8 Compatible with Projector 1 1 Mounting Kit Ergonomic Design: Chair must offer adjustable lumbar support and headrest to accommodate extended usage. Material: High-quality, durable fabric orleather with breathable properties Adjustability: Features should include height adjustment, tilt mechanism, and 360-degree swivel capability. **Gaming Chair for** 9 Virtual Reality 10 Item 9 1 Laboratory Armrests: Adjustable armrests to support various user activities and preferences.

| _  |          |   |  |   |    |
|----|----------|---|--|---|----|
|    |          |   | Base and Mobility: Sturdy base with smooth-  |   |    |
|    |          |   | rolling casters suitable for various floor types.                                      |   |    |
|    |          |   | Load Capacity: Must support a minimumweight capacity of 120kg.                         |   |    |
|    |          |   | Compatibility: Should be designed to enhance   |   |    |
|    |          |   | the virtual reality experience, providing  |   |    |
|    |          |   | comfort and stability during use.  |   |    |
|    |          |   | Designed to connect with Chair/Sofa/Recliner   |   |    |
| 10 | Item 10  | Activity Table                          | and should have storage capacity for VR  | 1 | 10 |
|    | 10111 10 |   | Headset, Books, Headphone, Tablet  | _ | 10 |
| 11 | Item 11  | Teacher Table                           | 5 x 2 Ft with Drawers  | 1 | 1  |
| 12 | Item 12  | Cupboard                                | Metallic/Wooden with glass doors,<br>W36XD18XH48inch                                   | 1 | 2  |
|    |          | Activity Book for                       |  |   |    |
| 13 | Item 13  | Students - English                      | 30 Activities Content aligned with NCERT Books of Class 6 in English Language          | 1 | 1  |
|    |          | (Class 6)                               | Orciass o iii Erigiisii Lariguage  |   |    |
| 14 | Item 14  | Activity Book for<br>Students - English | 30 Activities Content aligned with NCERT Books   | 1 | 1  |
|    |          | (Class 7)                               | ofClass 7 in English Language  |   | _  |
|    |          | Activity Book for                       |  |   |    |
| 15 | Item 15  | Students - English                      | 30 Activities Content aligned with NCERT Books   | 1 | 1  |
|    |          | (Class 8)                               | ofClass 8 in English Language  |   |    |
| 16 | Item 16  | Activity Book for<br>Students - English | 30 Activities Content aligned with NCERT Books   | 1 | 1  |
|    | item 10  | (Class 9)                               | ofClass 9 in English Language  | - | _  |
|    |          | Activity Book for                       |  |   |    |
| 17 | Item 17  | Students - English                      | 30 Activities Content aligned with NCERT Books   | 1 | 1  |
|    |          | (Class 10)                              | ofClass 10 in English Language   |   |    |
| 18 | Item 18  | Activity Book for<br>Students - English | 30 Activities Content aligned with NCERT Books   | 1 | 1  |
|    | item 10  | (Class 11)                              | ofClass 11 in English Language   | _ | _  |
|    |          | ,                                       | Software for at least 50 learning modules inVR   |   |    |
|    |          |   | includes lessons & VR simulations for: Life  |   |    |
|    |          |   | sciences - Equipment operations, and   |   |    |
|    |          |   | packaging processes. ALL modules should work on VR, Mobile, Desktop and WebGL platform |   |    |
|    |          | Software and                            | Painting Simulator - with atleast 4 VR   |   |    |
| 10 | ltors 10 | Content for                             | attachments including roller and brushFire   | 4 | 4  |
| 19 | Item 19  | Teacher                                 | Simulator - powered with physiclasimulator   | 1 | 1  |
|    |          |   | Safety module on various safety processes.Oil and Gas Sector Processes for Oil & Gas   |   |    |
|    |          |   | Terminal, Retail and LPG Bottling Plants   |   |    |
|    |          |   | 2  |   |    |
|    |          | Software and                            |  |   |    |
| 20 | Item 21  | Content for                             | For 3 Years  | 1 | 1  |
|    |          | Students                                |  |   |    |

# Retail:

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |  |  |                |                        |  |
|-------|---|--|--|----------------|------------------------|--|
| S.No. | Item<br>Code  | Tool & Equipment                             | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |
| 1     | Retail<br>Item 1  | Calculator                                   | Casio Or Equivalent calculator<br>Display - Digits: 10 Operation :<br>Battery/solar Material: Plastic<br>Keys - nos: 14 Type: Heavy<br>Duty  | Nos.           | 5                      |  |
| 2     | Retail<br>Item 2  | Display/Boards/ Standees-<br>Different Types | Standee frame made of: mild<br>steel Features: Anti rust coating<br>on frame. Provided with<br>printed flex Pasting &<br>assembling included Length: 6<br>Inches Breadth: 3 Inches<br>Thickness of the flex used: 440<br>GSM | Nos.           | 2                      |  |
| 3     | Retail<br>Item 3  | Flip Chart Holder                            | Single Side A4 Size holder<br>Anodized extruded Aluminium<br>alloy hollow section of<br>designation, thickness of back<br>support 20.1 mm, size 2 X 3<br>feet  | Nos.           | 1                      |  |
| 4     | Retail<br>Item 4  | Glow-in-dark signages                        | Maretial mild steel pipe, Size board in feet 6 x 2 x 0.5   | Nos.           | 3                      |  |
| 5     | Retail<br>Item 5  | Security Tags                                | Plastic Security Seal with<br>Number and Logo  | Nos.           | 10                     |  |
| 6     | Retail<br>Item 6  | Bar code scanner                             | Type - Hand held, laser guided<br>bar code scanner. Scan Rate-<br>289 Communication Interface:<br>USB Material type:Plastic<br>Resolution (mil) - 2  | Nos.           | 2                      |  |
| 7     | Retail<br>Item 7  | Ladder                                       | 3 steps folding ladder Mass of<br>complete set of avalanche rods<br>( 8 rods,knobs and points<br>(two)) Max. (Grams) 1400  | Nos.           | 1                      |  |
| 8     | Retail<br>Item 8  | Jute Bag: carry bags                         | Material: Jute usage/application:shopping pattern: plain capacity: 20 kg with handle: yes size: 16"x6"x4"  | Nos.           | 10                     |  |
| 9     | Retail<br>Item 9  | Coupons & Vouchers                           | Expired vouchers/ coupons of MNCs such as Food panda, MacD, KFC, shoppers' stop, etc.  | Nos.           | 10                     |  |

|       |                   |                                      | s and Equipment List<br>tore Operation Assistant, Sales A  | ssociate       |                        |
|-------|-------------------|--------------------------------------|--|----------------|------------------------|
| S.No. | Item<br>Code      | Tool & Equipment                     | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |
| 10    | Retail<br>Item 10 | Danglers                             | Size: 10 - 12 Inches<br>GSM: 300 GSM<br>Material: PaperPattern:<br>Printed   | Nos.           | 1                      |
| 11    | Retail<br>Item 11 | Gondolas                             | Type: CLOSED FROM BACK ONLY, Depth in mm (±5 mm) 300, Number of Shelves - 6 Width in mm (±5 mm) 700 Height in mm (±5 mm) 1875 Size 3' X 1.5' X 5, Non Branded  | Nos.           | 1                      |
| 12    | Retail<br>Item 12 | Mannequins                           | Male full body manikin,/<br>DUMMY / MANNEQUIN<br>FEMALE HALF DRESS FORM  | Nos.           | 2                      |
| 13    | Retail<br>Item 13 | Card Swipping machine                | Digital RFID CARD ReaderPoint of sale Terminal   | Nos.           | 1                      |
| 14    | Retail<br>Item 14 | Cash counting machine                | UV/MG) Officebird - OB 500 or<br>Equivalent  | Nos.           | 10                     |
| 15    | Retail<br>Item 15 | Chair (POS)                          | Type of seat wood Seat Cushion With Back Rest Cushion with Upholstery cotton fabric Material of frame SS 202 Chair height (overall) ±10mm 820mm  | Nos.           | 1                      |
| 16    | Retail<br>Item 16 | Computer                             | Compatable with all Windows:<br>Yes Processor: 32 Bit Processor<br>type: Core to Duo/i3WiFi<br>enabled: yes Keyboard: yes<br>Mouse: yes CPU Speed: 3 GHz<br>DDR3 RAM: 4 GB Monitor<br>Size: 14 Inchs | Nos.           | 1                      |
| 17    | Retail<br>Item 17 | UV light fake note detecting machine | Automatic Counterfeit note detection & currency counting: Yes Detection Type:IR Sensor Dimension mm Approx: 260x166x170 Weight: 1.11 Kg Power rating AC volt: 220 Frequency: 60 Hz Material: Plastic | Nos.           | 2                      |
| 18    | Retail<br>Item 18 | Credit Card (Model)                  | Size: 74x52 mm Material:PVCA<br>Model: Demo  | Nos.           | 25                     |
| 19    | Retail<br>Item 19 | Crockery set                         | Complete Dinner set Weight55 kilogram  | Nos.           | 1                      |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |                        |  |                |                        |  |  |
|-------|---|------------------------|--|----------------|------------------------|--|--|
| S.No. | Item<br>Code  | Tool & Equipment       | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |  |
| 20    | Retail<br>Item 20   | Debit Card (Model)     | Size: 74x52 mm Material:PVCA<br>Model: Demo  | Nos.           | 25                     |  |  |
| 21    | Retail<br>Item 21   | Dustbin                | Capacity 5 Litres Material<br>HDPE, Capacity 40 litre, weight<br>390 gram  | Nos.           | 1                      |  |  |
| 22    | Retail<br>Item 22   | Fire alarm             | Wireless fire/smoke detector Noise (dB(A)) Upto 135, Sensor mounting: WallMaterial:PVCA OperatingVoltage: 9 to 32 DC Type: Wireless Alarm Indicator: LED loud piercing: 85 dB  | Nos.           | 2                      |  |  |
| 23    | Retail<br>Item 23   | First Aid Kit          | Large household multi-layer first aid kit multifunctional medicine box comprising of first-aid bandage, small scissors, tweezers or a cotton swab, ointment, and other basic over the counter drugs. Clinical thermometer: 1 Cotton bandage, Size 3 mtrs. *5 cm: 1 Adhesive plaster (Woven fabric) Size 19*72 mm: 1 Sterile gauze swab 5*5 cm: 1 Antiseptic liquid 100 ml: 1 Antiseptic cream 25 gm: 1 Microporous tape: 1 Tweezer: 1 Scissors: 1 Examination gloves: 2 Painrelief spray 30 ml: 1 Antiseptic soap 50 gm: 1 |                | 1                      |  |  |
| 24    | Retail<br>Item 24   | Flip chart             | 50 sheets, A2 size,Rectangular<br>Tripod (2.5 sq feet)   | Nos.           | 20                     |  |  |
| 25    | Retail<br>Item 25   | Formal shoes           | Non-branded black/brown<br>formal shoes Gents Canvas<br>Walking Shoes With Direct<br>Moulded Poly Urethane Sole  | Nos.           | 1                      |  |  |
| 26    | Retail<br>Item 26   | Goods moving equipment | Trolly size 1200 X 700 X 980,<br>Trolly weight 45 kg, capacity 250<br>kg, groung clearance 200<br>mm,  | Nos.           | 1                      |  |  |
| 27    | Retail<br>Item 27   | Cloth Hanger           | Size Inch:17 Material Type:<br>Stainless Steel Wire diameter:<br>3mm Capacity: 1 Kg  | Nos.           | 25                     |  |  |

|       |                   |                        | and Equipment List<br>tore Operation Assistant, Sales A  | ssociate       |                        |
|-------|-------------------|------------------------|--|----------------|------------------------|
| S.No. | Item<br>Code      | Tool & Equipment       | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |
| 28    | Retail<br>Item 28 | Housekeeping equipment | 1.Handheld flat brushes with bristles to dust the plain surfaces as well as the corners, 2. Housekeeping Trolley,3. Dustbins, 4.DustingCloths, 5. Mops, 6. Spray bottles   | Nos.           | 2                      |
| 29    | Retail<br>Item 29 | Iron (clothing press)  | USHA or Equivalent, Material of plate Aluminium alloy sole plate   | Nos.           | 1                      |
| 30    | Retail<br>Item 30 | Jeans                  | Non-branded denim. One for female and one for male   | Nos.           | 2                      |
| 31    | Retail<br>Item 31 | Labelling machine      | Nexa MX5500 8 Digit Label<br>Stamping Machine Lablel Size:<br>22 mm x 12 mm Machine Type:<br>Semi Automatic Material: PVCA<br>Operation:<br>Heavy Durty  | Nos.           | 2                      |
| 32    | Retail<br>Item 32 | Marker                 | Temporary marker whiteboard marker, quick dry  | Nos.           | 1                      |
| 33    | Retail<br>Item 33 | Men's Sandal           | Natural Rubber   | Nos.           | 1                      |
| 34    | Retail<br>Item 34 | Мор                    | spongy Polymer Spinning Mop<br>Plastic Base  | Nos.           | 1                      |
| 35    | Retail<br>Item 35 | Cable Ziplock          | Material: Nylon, Color: white,<br>Items dimensions: 12.7 x 7.6 x<br>5.1 Centimeters, closure type:<br>zip tie  | Nos.           | 100                    |
| 36    | Retail<br>Item 36 | Poster (POS)           | Height. 400 mm. Material. PP.<br>Width. 300mm  | Nos.           | 1                      |
| 37    | Retail<br>Item 37 | Punching machine       | Divinext-plastic Type of Punching Manual Type of Binder Wiro (2:1)Size of Paper A3 Number of Punch(min.) (Nos.) 21 Punching Capacity (Min. on 70 GSM Sheet) (Nos.) 8 Body of Binder Steel Letherette Pulp Board WithGrains (GSM) 265 | Nos.           | 1                      |
| 38    | Retail<br>Item 38 | Purchase book          | Safescan Paper size 176 X 250,<br>thickness 65 gsm, 150 pages  | Nos.           | 1                      |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |                               |  |                |                        |  |
|-------|---|-------------------------------|--|----------------|------------------------|--|
| S.No. | Item<br>Code  | Tool & Equipment              | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |
|       | Retail  | Purse, handbags               | Women purse Material: Lenin cotton, Dimentions: 381 X 431.8 X 177.8, weight 135gram  |                |                        |  |
| 39    | Item 39   |                               |  | Nos.           | 1                      |  |
| 40    | Retail<br>Item 40   | Sale book                     | Pre-Printed Bill Book with Product Details   |                |                        |  |
|       |   |                               |  | Nos.           | 5                      |  |
| 41    | Retail<br>Item 41   | Sandal (heel)                 | PVC Sandals  | Nos.           | 1                      |  |
| 42    | Retail<br>Item 42   | Shelves for stacking products | IB Basics storage Racks 6 shelf<br>87'*15'*36' 90 Kg UDL No. of 4<br>Shelves, Angle qualityand size:<br>Made from Steel Sheet of 3 mm<br>thickness 40 X 40 mm,<br>Selvesmatrial: 1.0 mm Thick MS<br>Sheet, dimentions 450 X<br>700 X 975 mm. | Nos.           | 1                      |  |
| 43    | Retail<br>Item 43   | Shirts (full sleeves)         | One for female, and one for male Shirt Plain Weave Polyester and Cotton Full Sleeve as per Defence specification   | Nos.           | 2                      |  |
| 44    | Retail<br>Item 44   | Shopping basket               | Butterfly: Basket diameter 450 mmLoad Capacity: 50 Height Front: 300 MM Depth: 250 MM Width: 250 MM Handle Width: 100 MM Material: Plastic   | Nos.           | 2                      |  |
| 45    | Retail<br>Item 45   | Shopping cart                 | Portable aluminium folding grocery shopping basket trolley cart of approx.  93*42*42cm (unfolded)  Material SS202, weight of trolly 10 kg, capacity 65 kg,   | Nos.           | 1                      |  |
| 46    | Retail<br>Item 46   | Shorts                        | Non branded waist size and material 7 cm X 12 cm, of Mesh Lining fabric  | Nos.           | 1                      |  |
| 47    | Retail<br>Item 47   | Soaps                         | Dettol 100 grams or Equivalent   | Nos.           | 2                      |  |
| 48    | Retail<br>Item 48   | Sports shoes                  | Non branded PU Coated Synth. with minimum thickness of 1.3 mm, and mass of 550 to 650 g/ sq. metre   | Nos.           | 1                      |  |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |  |  |                |                        |  |  |
|-------|---|--|--|----------------|------------------------|--|--|
| S.No. | Item<br>Code  | Tool & Equipment                             | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |  |
| 49    | Retail<br>Item 49   | Stapler                                      | Kangaroo big size, staple size 23/6 1 box of stapler pins  | Nos.           | 1                      |  |  |
| 50    | Retail<br>Item 50   | Table (POS)                                  | Length of table top ±10mm900 millimeter Depth of table ±10mm 600 millimeter Height of table ±10mm 700 millimeter Dimension of leg(mmXmm) ±5mm 40mmX40mm  | Nos.           | 1                      |  |  |
| 51    | Retail<br>Item 51   | Tagging gun                                  | Needle size: 65 MM Fabric Piercing Diameter: 2 MM Maximum Thickness Of Fabric: 10 MM Material: PVCA Type: Heavy Duty   | Nos.           | 1                      |  |  |
| 52    | Retail<br>Item 52   | Theft alarm                                  | Material: Plastic Current Vold:3<br>DC Sound Level: 80 Db +/- 2dB<br>at 1 meter distance<br>Height CM: 14 Width CM: 9  | Nos.           | 2                      |  |  |
| 53    | Retail<br>Item 53   | Tops   | Non Branded  | Nos.           | 1                      |  |  |
| 54    | Retail<br>Item 54   | T-Shirts                                     | Non branded Cloth material<br>Cotton- 97 % and Lycra- 3%   | Nos.           | 1                      |  |  |
| 55    | Retail<br>Item 55   | Weighing Machine                             | Rated Load/ Capacity(kg) 100<br>kg, Resolution(gms) 10 g,<br>Power Comsuption: 10 Watts<br>Operating Maximum<br>Temperature: 50 Net Wegiht:4<br>Kg Unit Display: 7 Nos<br>Length: 333 MM Breadth: 330<br>MM Height: 114 MM | Nos.           | 2                      |  |  |
| 56    | Retail<br>Item 56   | Counter Print                                | Flex Print 4'x3'   | Nos.           | 2                      |  |  |
| 57    | Retail<br>Item 57   | Credit Notes                                 | Sample Credit Note   | Nos.           | 10                     |  |  |
| 58    | Retail<br>Item 58   | Currency Notes of different<br>Denominations | Fake Currency Notes of currencies. Must include major currencies.  | Nos.           | 10                     |  |  |
| 59    | Retail<br>Item 59   | Dropdown Print                               | Flex Print 2'x3'   | Nos.           | 4                      |  |  |
| 60    | Retail<br>Item 60   | Dummy Products with Barcode                  | Different types of printed bar code on different sheet ofpaper   | Nos.           | 10                     |  |  |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |  |  |                |                        |  |
|-------|---|--|--|----------------|------------------------|--|
| S.No. | Item<br>Code  | Tool & Equipment                       | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |
| 61    | Retail<br>Item 61   | Offer Signages                         | Length: 2 Feet Height: 1 Foot<br>Thickness of Sheet: 3 MM Type<br>of print: Vinyl Type of board:<br>Sunboard Operation:<br>Heavy Duty  | Nos.           | 10                     |  |
| 62    | Retail<br>Item 62   | Photographs for stacked notes          | Stacked Notes Sample   | Nos.           | 25                     |  |
| 63    | Retail<br>Item 63   | Physical Bill Copy                     | Physical Bill Copy Sample  | Nos.           | 20                     |  |
| 64    | Retail<br>Item 64   | Signage Board Retail                   | Flex Sign Board  | Nos.           | 2                      |  |
| 65    | Retail<br>Item 65   | Store Directory / Directional signages | Thickness of Sheet: 3 MM Length: 21 Inches Height: 7 Inches Type of print: Vinyl Type of board: Sunboard Operation: Heavy Duty   | Nos.           | 10                     |  |
| 66    | Retail<br>Item 66   | Wall Print                             | 3D Flex Print 15'x8'   | Nos.           | 1                      |  |
| 67    | Retail<br>Item 67   | White Board                            | Length: 3 Feet Height: 4 feet<br>Material: Aluminium alloy Type:<br>Writing Surface Type:<br>Dry Marker  | Nos.           | 1                      |  |
| 68    | Retail<br>Item 68   | Barcode Printer                        | Thermal Barcode printer with extender memory Type: Portable/Hand Held, Printing Technology: Direct Thermal, Resolution (dpi) 384 Print Speed (mm/sec.) 60 Maximum Print Width (mm)58 RAM Size (MB) 0.128 | Nos.           | 1                      |  |
| 69    | Retail<br>Item 69   | Display Racks Stock Almirah            | Type: Open Type, Depth inmm<br>(±5 mm) 600<br>Width in mm (±5 mm) 900<br>Height i  | Nos.           | 1                      |  |
| 70    | Retail<br>Item 70   | Electrical Tool Kit                    | Analog Meter (1 V-5 mAmp): 1 Allen key set of 12 pieces (2mm-4mm) qty: 1 Combination plier (7 Inch): 1 Nose Piler (6 Inch): 1 Screw driver (5 Inch): 1 Soldering Iron: 1                                 | Nos.           | 2                      |  |
| 71    | Retail<br>Item 71   | Fire Extinguishers                     | Weight of Filled Portable Fire Extinghuisher (Kg) 7  | Nos.           | 1                      |  |

|       |                   |                                      | s and Equipment List<br>tore Operation Assistant, Sales As   | ssociate       |                        |
|-------|-------------------|--------------------------------------|--|----------------|------------------------|
| S.No. | Item<br>Code      | Tool & Equipment                     | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |
| 72    | Retail<br>Item 72 | Stool (molded with steel base)       | Material Mild Steel, without cushion, Height 450 mm, width of top 240 mm   | Nos.           | 3                      |
| 73    | Retail<br>Item 73 | UV light fake note detecting machine | Automatic Conterfeit note detection & currency counting UV tule length 300 mm, UV wave length 366 mm, Tube life 3000 hours   | Nos.           | 1                      |
| 74    | Retail<br>Item 74 | Extension Cord                       | Wire length: 2m Type: 4 way spike and surge guard Essential Series 4 Socket SurgeProtector (Gray) Wired Universal socket Grounds AC power with 3-line protection through all 4 sockets.  Response time: less than 1 nano second Chord Max spike current- 6500 amps                                       | Nos.           | 2                      |
| 75    | Retail<br>Item 75 | Hanger Stand                         | Material: Plastic Height of stand<br>MM: 1400 Length ofstand MM:<br>1000 No Bars: 5<br>Type: Heavy Duty  | Nos.           | 2                      |
| 76    | Retail<br>Item 76 | Public Address System                | Microphone: Unidirectional with volume control and press to talk switch Hand held Power output watts: 25 Type:Battery Operated Voice range in public - upto 4000 mtrs.   | Nos.           | 2                      |
| 77    | Retail<br>Item 77 | Plastic Crate                        | Width: 360 MM Length: 540 MM Height: 250 MM Shape: Recatngular Capactiy: 40 Kgs Material: HDPE   | Nos.           | 2                      |
| 78    | Retail<br>Item 78 | Teacher Learning Material            | Gocery: Material Type: Paper Height:18 Inches Width: 12 Inches GSM: 70 Quantity: 1 Retail Products:Material Type: Paper Height:18 Inches Width: 12 Inches GSM: 70 Quantity: 1 Inforgraphics (Agriculture Machinery):Material Type: Paper Height:18 Inches Width: 12 Inches GSM: 70 Quantity: 1 Marker: 1 | Nos.           | 30                     |

|       |                   |                                  | and Equipment List<br>core Operation Assistant, Sales A   | ssociate       |                        |
|-------|-------------------|----------------------------------|---|----------------|------------------------|
| S.No. | Item<br>Code      | Tool & Equipment                 | Specification   | Unit<br>(Type) | Per<br>schoo<br>I qty. |
| 79    | Retail<br>Item 79 | Magzine Stand                    | Weight: 4 Kg Shape: Rectangle<br>Material: CRCA Sheet Type:<br>Foldable Open Height: 36<br>Inches Open Width:<br>15 Inches  | Nos.           | 2                      |
| 80    | Retail<br>Item 80 | Smart stock monitoring indicator | Rechargable with wi fi<br>connectivity compatable to<br>smart phone: Yes The device<br>useful to indicate the minimum<br>stock to maintainedin the shelf<br>or rack: Yes DeviceSize: 5x5 CM<br>Battery Operated: Yes Voltage<br>DC in Voly: 5 Device Range: 500<br>Meters | Nos.           | 2                      |
| 81    | Retail<br>Item 81 | Auto Billing Shoping Trolley     | Controller:UNO ATmega328 microcontroller RFID reader- RC522 LCD panel: 20x4 Power Supply: 12 V PS Type: Battery Capacity: 10 Kgs No of Handle: Double Material: Steel Function: Building, Counting, Tracking  | Nos.           | 1                      |
| 82    | Retail<br>Item 82 | Infographics                     | Length: 1 Foot Height: 1 Foot<br>Material: 300 GSM Information:<br>Related to RetailTrade Paper<br>Sheet with Lamination: Yes   | Nos.           | 10                     |
| 83    | Retail<br>Item 83 | Electric Siren                   | Industrial siren sound range-<br>1/2km Ideal for: for factories,<br>store, mall Alarm Duration- 1<br>min Type: Wired Breadth: 10<br>cm Length: 20 cmHeight: 15<br>cm  | Nos.           | 2                      |
| 84    | Retail<br>Item 84 | Door Confilock                   | Features: Durable, portable, and easy to use Material: PP, Metal, thickness: 1.4-2.0 inches (35-50 mm) features: privacy, additional security and privacy   | Nos.           | 2                      |
| 85    | Retail<br>Item 85 | Bar code Stand                   | Material: Acrylic shape: L Type sizeL 6x4.25 inches   | Nos.           | 2                      |
| 86    | Retail<br>Item 86 | combo Offer Poster               | Matrial: Paper height: 2 feet<br>Material: 300 gsm length in<br>feet: 1   | Nos.           | 10                     |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |  |  |                |                        |  |
|-------|---|--|--|----------------|------------------------|--|
| S.No. | Item<br>Code  | Tool & Equipment                         | Specification  | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |
| 07    | Retail  | Dull 9 Duch Sticker                      | Material: PVC usage/application: for glass door color: red/green size: 3x6 inch  | Nec            | 10                     |  |
| 87    | Retail<br>Item 88   | Pull & Push Sticker  Removable Cash Tray | Material: Heavy Gauze Steel Rustproof: Yes Dimension: 16"x16'x4" Bill slot: 4 coin slot: 5 operation: manual push open-close   | Nos.           | 2                      |  |
| 89    | Retail<br>Item 89   | Plastic Vegetable Rack                   | Material: Heavy Gauze Steel Rustproof: Yes Dimension: 16"x16'x4" Bill slot: 4 coin slot: 5 operation: manual push open-close   | Nos.           | 2                      |  |
| 90    | Retail<br>Item 90   | Metal scanner                            | Detector Type: Hand Held Metal Detector Usage/ application: security system alarm mode: vibration, sound, led lights, battery type: replaceable Size (L*W*H): 41X8.5X4.5 cm  | Nos.           | 2                      |  |
|       | Retail  | Led Running/Scrolling                    | Easy to use using mob application: yes Programming unterface method: Wifi size in inch: 8x26 display ability: Scrolling Text, Random Text, Numeric, Date & Time, Animated Text Application - Outdoor / Indoor Brightness - Auto / Manual Material: |                | 2                      |  |
| 91    | Item 91   | Programable Text                         | Plastic Supply: 24 V Outer Material: Lumber waste  | Nos.           | 2                      |  |
| 92    | Retail<br>Item 92   | statutory compliance Binder              | Inner Material: Lumber Waste<br>Inner Material: cellulose fibres<br>of rags GSM: 70 set: 200 user<br>friendly: yes Branded: no Size:<br>standard   | Nos.           | 2                      |  |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |                                 |   |                |                        |  |
|-------|---|---------------------------------|---|----------------|------------------------|--|
| S.No. | Item<br>Code  | Tool & Equipment                | Specification   | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |
|       | Retail  |                                 | Maximum weight withstanding capacity of the Bag - 10/15/20/25/30/35/40 kilogram Length of the Bag - 900 millimeter Material BIS certification: Yes Material of Bio Medical Waste Collection Bag -: Composite plastic Bio Medical Waste Collection Bag Color - Red Uniform Density without defects like tears, holes or weak area-yes puncture resistant: yes/no leak proof: yes thickness of sheet: 50 micron test certificate of compostability: CIPET virgin plastic yes/no width of the bag: 825 MM product should be registered with CPCB: yes biodegradable: |                | 50                     |  |
| 93    | Item 93   | Biomedical waste collection bag | yes   | Nos.           |                        |  |
| 94    | Retail<br>Item 94   | Line Anti-Static Gadget         | Weight - 20 gm Adopt material<br>synthesis: ABS PlasticSurface<br>resistance: Ω: ≤103<br>Electrostatic discharge time:<br><0.1s Cable length: Adjustable  | Nos.           | 4                      |  |
| 95    | Retail<br>Item 95   | VM Elements                     | Offer Signange: 1 Flags: 1 Beacon: 1 Dangler: 1 Material: Polyvinyl chloride Safety Standard: Yes Hazard free non toxic: Yes  | Nos.           | 2                      |  |

|       | Tools and Equipment List Sector: Retail Job Roles: Store Operation Assistant, Sales Associate |                  |   |                |                        |  |  |
|-------|---|------------------|---|----------------|------------------------|--|--|
| S.No. | Item<br>Code  | Tool & Equipment | Specification   | Unit<br>(Type) | Per<br>schoo<br>I qty. |  |  |
| 96    | Retail<br>Item 96   | Smart Board      | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53 or later,2.2 GHz or Higher OS- Android 11.0 or later Memory RAM- 8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer : Built-in: Functionalities-PM2.5 Particlesensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool | Nos.           |                        |  |  |

#### Logistics:

|           | Tools and Equipment List Sector: Logistics |   |  |                |                          |  |  |
|-----------|--|---|--|----------------|--------------------------|--|--|
| S.<br>No. | Item Code                                  | Tools & Equipment   | Specification  | Unit<br>(type) | Per<br>sch<br>ool<br>qty |  |  |
| 1         | LogisticsItem<br>1                         | Transportation Management<br>System software  | Supplier has to approach Logistics<br>Sector Skill Council (LSC) for<br>subscription of TMS/LMS  | Nos            | 15                       |  |  |
| 2         | LogisticsItem<br>2                         | Learning Management System  | Supplier has to approach Logistics<br>Sector Skill Council (LSC) for<br>subscription of TMS/LMS  | Nos            | 15                       |  |  |
| 3         | LogisticsItem<br>3                         | ERP Demo Videos - Transport<br>Management System (TMS)<br>software, Management<br>Information System (MIS)<br>software, Route optimization<br>software. | ERP Demo Videos - Transport Management System (TMS) software, Management InformationSystem (MIS) software, Route optimization software. Videos from youtube will be downloaded and shared in the form of online repository.  | Videos         | 1                        |  |  |
| 4         | LogisticsItem<br>4                         | Lashing and Cushioning equipment - Ratchet Lashing belt,Ropes, Cables, Wires, Chains, Strapping, Nets, Air cushions                                     |  | Nos            | 2                        |  |  |
| 5         | LogisticsItem<br>5                         | Customs Norms for Packaging   | Softcopy of the content will be shared with supplier, which will beprinted and assemble into bookletsfor distribution to the schools by supplier   | Nos            | 2                        |  |  |
|           |  |   | Link: https://nsdcindiasp-<br>my.sharepoint.com/:f:/g/personal<br>/akshay_sharma_nsdcindia_org/E<br>j8tuoGyajhMlanTE9TSmg8B_YSH<br>Az8aCTYYunp0NOCEUw?e=cz01T<br>Z   |                |                          |  |  |
| 6         | LogisticsItem<br>6                         | GST guidelines  | Softcopy of the content will be shared with supplier, which will beprinted and assemble into bookletsfor distribution to the schools by supplier  Link: https://nsdcindiasp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSH_Az8aCTYYunpONOCEUw?e=cz01T_Z | Nos            | 5                        |  |  |
| <u> </u>  |  | Page <b>49</b> of <b>258</b>  |  |                |                          |  |  |

| 7 | LogisticsItem<br>7 | HSN Codes  | Will provide the supplier with the HSN directory (Excel) and online linkto access and verify directory, Softcopy of the content will be shared with supplier, which will be printed and assemble into booklets for distribution to the schools by Supplier  Link: https://nsdcindiaspmy.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/E_j8tuoGyajhMlanTE9TSmg8B_YSH_Az8aCTYYunp0NOCEUw?e=cz01T_Z_ | Nos | 5 |
|---|--------------------|--|---|-----|---|
| 8 | LogisticsItem<br>8 | HACCP and HAZMAT guidelines  | Softcopy of the content will be shared with supplier, which will beprinted and assemble into bookletsfor distribution to the schools by Supplier Link: https://nsdcindiasp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSH_Az8aCTYYunpONOCEUw?e=cz01T_Z   | Nos | 5 |
| 9 | LogisticsItem<br>9 | Standard operating procedures (SOP) while handling dangerous and hazardous goods | Softcopy of the content will be shared with supplier, which will be printed and assemble into bookletsfor distribution to the schools by Supplier  Link: https://nsdcindiaspmy.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSH_Az8aCTYYunp0NOCEUw?e=cz01T_Z  | Nos | 3 |

|    | 1             |                                   |  |     |   |
|----|---------------|-----------------------------------|--|-----|---|
|    |               |                                   | Softcopy of the content will be                                  |     |   |
|    | LogisticsItem | Sample Central Excise document,if | shared with supplier, which will                                 |     |   |
| 10 | 10            | any                               | beprinted and assemble into                                      | Nos | 1 |
|    |               |                                   | bookletsfor distribution to the                                  |     |   |
|    |               |                                   | schools by Supplier  |     |   |
|    |               |                                   | Link: <a href="https://nsdcindiasp-">https://nsdcindiasp-</a>    |     |   |
|    |               |                                   | my.sharepoint.com/:f:/g/personal/                                |     |   |
|    |               |                                   | akshay sharma nsdcindia org/Ej8<br>tuoGyajhMlanTE9TSmg8B YSHAz8  |     |   |
|    |               |                                   | aCTYYunp0NOCEUw?e=cz01TZ   |     |   |
|    |               | Sample Duty Entitlement Passbook  | Softcopy of the content will be                                  |     |   |
|    | LogisticsItem | Scheme (DEPB)/DutyExemption       | shared with supplier, which will                                 |     |   |
| 11 | 11            | Entitlement Certificate(DEEC) or  | beprinted and assemble into                                      | Nos | 1 |
| 11 | 11            |                                   | •  | NOS | 1 |
|    |               | any other                         | bookletsfor distribution to the                                  |     |   |
|    |               | documents for duty benefits       | schools by Supplier  |     |   |
|    |               |                                   | Link: <a href="https://nsdcindiasp-">https://nsdcindiasp-</a>    |     |   |
|    |               |                                   | my.sharepoint.com/:f:/g/personal                                 |     |   |
|    |               |                                   | /akshay_sharma_nsdcindia_org/E                                   |     |   |
|    |               |                                   | j8tuoGyajhMlanTE9TSmg8B_YSH                                      |     |   |
|    |               |                                   | Az8aCTYYunp0NOCEUw?e=cz01T                                       |     |   |
|    |               |                                   | <u>Z</u>   |     |   |
|    |               |                                   | Softcopy of the content will be                                  |     |   |
|    | LogisticsItem | Sample Registeration cum          | shared with supplier, which will                                 |     |   |
| 12 | 12            | membership certificate (RCME), if | beprinted and assemble into                                      | Yes | 1 |
|    |               | any                               | bookletsfor distribution to the                                  |     |   |
|    |               | <i>a</i> ,                        | schools by Supplier  |     |   |
|    |               |                                   | Link: https://nsdcindiasp-                                       |     |   |
|    |               |                                   | my.sharepoint.com/:f:/g/personal/                                |     |   |
|    |               |                                   | akshay sharma nsdcindia org/Ej8                                  |     |   |
|    |               |                                   | tuoGyajhMlanTE9TSmg8B YSHAz8                                     |     |   |
|    |               |                                   | aCTYYunp0NOCEUw?e=cz01TZ   |     |   |
|    |               |                                   | Softcopy of the content will be                                  |     |   |
|    | LogisticsItem |                                   | shared with supplier, which will                                 | .,  |   |
| 13 | 13            | Sample Industrial License, if any | beprinted and assemble into                                      | Yes | 1 |
|    |               |                                   | bookletsfor distribution to the                                  |     |   |
|    |               |                                   | schools by Supplier  |     |   |
|    |               |                                   | Link: https://nsdcindiasp-                                       |     |   |
|    |               |                                   | my.sharepoint.com/:f:/g/personal/akshay sharma nsdcindia org/Ej8 |     |   |
|    |               |                                   | tuoGyajhMlanTE9TSmg8B YSHAz8                                     |     |   |
|    |               |                                   | aCTYYunp0NOCEUw?e=cz01TZ   |     |   |
|    |               |                                   | Softcopy of the content will be                                  |     |   |
|    | LogisticsItem | Sample Technical write up for     | shared with supplier, which will                                 |     |   |
| 14 | 14            | specific goods, if any            | beprinted and assemble into                                      | Yes | 1 |
|    |               |                                   | bookletsfor distribution to the                                  |     |   |
|    |               |                                   | schools by Supplier  |     |   |
|    |               |                                   | Link: https://nsdcindiasp-                                       |     |   |
|    |               |                                   | my.sharepoint.com/:f:/g/personal/                                |     |   |
|    |               |                                   | akshay sharma nsdcindia org/Ej8                                  |     |   |
|    |               |                                   | tuoGyajhMlanTE9TSmg8B_YSHAz8                                     |     |   |
|    |               |                                   | aCTYYunp0NOCEUw?e=cz01TZ   |     |   |

| 15 | LogisticsItem<br>15 | Sample Customs Documents - Bill of Entry, Commerical Invoice, Billof Lading/Airway Bill, Import License, Insurance Certificate, Purchase order/Letter of Credit, Certificate of Origin, Fumigation certificate, Generalized System of Preference (GSP), Packing List, Shipper's Export Declaration | Softcopy of the content will be<br>shared with supplier, which will<br>beprinted and assemble into<br>bookletsfor distribution to the |      | 4 |
|----|---------------------|--|---|------|---|
| 16 | LogisticsItem<br>16 | Sample Permits for ODC, Articulated Vehicles, Reefer Vehicles, Trailers, Vehicle permit for carrying dangerous goods   | Each 1 sample   | Each | 1 |
| 17 | LogisticsItem<br>17 | Sample Road Permits, Commercial Driver's License(CDL), Transit insurance, tax permits  | each 1 sample   | Each | 1 |

|           | Tools and Equipment List Sector: Logistics |   |  |                |                          |  |
|-----------|--|---|--|----------------|--------------------------|--|
| S.<br>No. | Item Code                                  | Tools & Equipment   | Specification  | Unit<br>(type) | Per<br>sch<br>ool<br>qty |  |
| 18        | LogisticsItem<br>18                        | Various Forms/Formats - , Lorry Receipt (LR), Tax Permits, Goods Received Note (GRN), Equipment Delivery Order (EDO), Delivery Challan (DC), Dock Receipt, Dangerous goods declaration certificate, | Each 4 sets  | Each           | 4                        |  |
| 19        | LogisticsItem<br>19                        | Eye goggles   | Clear Polycarbonate Safety GogglesOver Specs, For Eye Protection, Capacity: 500 Liters   | Nos            | 5                        |  |
| 20        | LogisticsItem 20                           | Reflector Vest  | Without Sleeves Polyester IndustrialReflector Jackets, For Construction, Model Name/Number: S2   | Nos            | 5                        |  |
| 21        | LogisticsItem<br>21                        | Face Mask   | Materials: polypropylene, non-<br>woven fabric The middle polypropylene layer filters airborne particulate matter Non-splash resistant The soft material makes the mask-<br>wearing more comfortable Adjustable nose clip for a better fit Elastic ear loops for a more secure mask adjustment | Nos            | 5                        |  |
| 22        | LogisticsItem 22                           | Helmets   | Shell should be dome shaped, no metallic components are to be used. Brim diameter should be 6mm, peak 50mm.  | Nos            | 5                        |  |
| 23        | LogisticsItem<br>23                        | Hard hats   | ISI Marked Safety Helmet for Outdoor Activities   Adjustable Chin Strap & Rachet Type Adjustment   Lightweight, Comfortable & Durable Hard Hat   | Nos            | 5                        |  |
| 24        | LogisticsItem<br>24                        | Safety gloves   | Safety Hand<br>Gloves/Heat/Cut/Splash<br>Resistance/Anti Slip<br>Gloves/Polymer coated non-slip<br>gloves  | Nos            | 5                        |  |
| 25        | LogisticsItem<br>25                        | Safety shoes  | BEST QUALITY LEATHER AS PER IS<br>5677 OF THICKNESS 1.6-1.8MM<br>(FULL CHROME HEAVY DUTY<br>LEATHER)   | Nos            | 5                        |  |
| 26        | LogisticsItem<br>26                        | Safety Belts  | minimum width of all straps shall<br>be 40 mm except shoulder<br>retaining strap, which shall be of<br>minimum width of 20 mm  | Nos            | 5                        |  |

|           | Tools and Equipment List Sector: Logistics |                          |   |                |                          |  |
|-----------|--|--------------------------|---|----------------|--------------------------|--|
| S.<br>No. | Item Code                                  | Tools & Equipment        | Specification   | Unit<br>(type) | Per<br>sch<br>ool<br>qty |  |
| 27        | LogisticsItem 27                           | GPS tracker              | 850/900/1800/1900 MHz<br>frequency band used  | Nos            | 2                        |  |
| 28        | LogisticsItem 28                           | Barcode scanner          | 4.5 to 5.5 VDC host powered; 4.5to 5.5 VDC external power supply  | Nos            | 2                        |  |
| 29        | LogisticsItem 29                           | Printer                  | 6 Individual Ink Tanks (PGBK, BK, C, M, Y, GY) Inkjet FINE print head with 1pl (min.) ink droplet size ChromaLife100 inks   | Nos            | 1                        |  |
| 30        | LogisticsItem<br>30                        | Computers with webcamera | Intel® Pentium 4 with 2.4 GHz or AMD Athlon equivalent processor or faster or equivalent; 1.6-GHz Dual Core recommended Microsoft® Windows® XP/ Windows® Vista™/ Windows® 7 (32 or 64 bit) / Windows® 8 (32 or 64 bit)  | Nos            | 5                        |  |
| 31        | LogisticsItem<br>31                        | Smart board              | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points- Infrared touch, 20 pointsor Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better : Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53 or later,2.2 GHz orHigher OS- Android 11.0 or later Memory RAM- 8GB or HigherMemory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -B x2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1 : Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer: | Nos            | 1                        |  |

|           | Tools and Equipment List Sector: Logistics |                   |  |                |                          |  |
|-----------|--|-------------------|--|----------------|--------------------------|--|
| S.<br>No. | Item Code                                  | Tools & Equipment | Specification  | Unit<br>(type) | Per<br>sch<br>ool<br>qty |  |
|           |  |                   | Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi,NFC : Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool |                |                          |  |

## **Automotive:**

|        | Tools and Equipment List Sector : Automotive; Job Role: Auto Service Technician |  |             |                      |  |  |  |
|--------|---|--|-------------|----------------------|--|--|--|
| S. No. | Tools   | Specification  | Unit (type) | Per<br>school<br>qty |  |  |  |
| 1      | Drain Pan   | Round shape polypropylene container with open-top feature that allows fluids to drain directly into large opening and a molded back handle which helps with carrying control and easy transport. A feature of an over-sized lip which helps in easy pouring for fewer messes | Nos         | 1                    |  |  |  |
| 2      | Jack hydraulic  | Heavy duty and durable hydraulic jack with 3 tonn lifting capacity   | Nos         | 1                    |  |  |  |
| 3      | Pneumatic straight grinder  | <ul> <li>Having collet size of 6 mm / 3mm with front type air exhaust support Technical Specification:</li> <li>Available in speed of 12000 rpm with weight of 1.100 kg         Weight - 1. 100 kg Air consumption - 10 cfm     </li> </ul>                                  | Nos         | 1                    |  |  |  |

|        | Se                  | Tools and Equipment List ctor: Automotive; Job Role: Auto Service Te   | echnician   |                      |
|--------|---------------------|--|-------------|----------------------|
| S. No. | Tools               | Specification  | Unit (type) | Per<br>school<br>qty |
| 4      | Air compressor      | Material: plastic+ metal Working Voltage: DC 12V Maximum Current: 10Amp Maximum Pressure: 150PSI Duration:12- 15Min Displacement:35 L 10 ft power chord and 3 metre long high quality rubber hose  | Nos         | 1                    |
| 5      | bin/racks           | Height 4 - 6 feet,<br>Capacity 100-150 kg,<br>Material Stainless Steel, Mild Steel, MS,<br>Plastic,<br>Dimension 855 x 840 950 mm,   | Nos         | 4                    |
| 6      | Trolley             | Multi-purpose portable trolley made of mild coated stainless steel with wheels-<br>150 kg capacity   | Nos         | 1                    |
| 7      | Tyre Changer        | tyre changer with swinging arm: yes bead breaker force: 25 KN external clamping: 10-22 inches internal clamping: 12-25 inches maximum tyrediameter: 45 inches maximum tyre width: 14 inches length: 11450 mm height: 1055 mm width: 830 mm standard clamping: 10-25 inches gross weight: 50 kg CE and RoHS certified | Nos         | 1                    |
| 9      | Feeler gauges       | Feeler guage made of hardened alloy steel, of thickness ranging from 0.02-<br>1.0mm  | Nos         | 2                    |
| 10     | Multi-meter         | Digital multimeter having a plastic body with a LCD display system, with DC voltage of 200mV/600 and resistance: 200 ohm/ 2000k ohm.   | Nos         | 2                    |
| 11     | Flow meter          | Flow meter made of stainless steel or aluminium with 1/8" or 1/4" process connections. Maximum working pressure up-to 1000 BAR   | Nos         | 3                    |
| 12     | Temp guage          | Water temperature metal meter guage with sensor for auto car 52mm, 40-120 degree celcius.  | Nos         | 5                    |
| 13     | Dial guage          | Brass body anti magnetic dial guage,<br>with interchangeable carbide contact<br>point, diameter 2 mm.  | Nos         | 2                    |
| 14     | Tyre pressure guage | Tyre pressuare guage with large, clear, easy to read LCD display with backlight. Reliable accuracy (+/- 1 psi up to 60 psi, then 2 psi up to 150 psi) with individual testing and certification. E   | Nos         | 2                    |

|        | Se                        | Tools and Equipment List ctor: Automotive; Job Role: Auto Service Te   | echnician   |                      |
|--------|---------------------------|--|-------------|----------------------|
| S. No. | Tools                     | Specification  | Unit (type) | Per<br>school<br>qty |
| 15     | Volt meter                | Portable digital LCD handheld clamp Volt meter multimeter AC/DC voltage tester   | Nos         | 5                    |
| 16     | Ammeter                   | Digital voltmeter ammeter, DC-0-100V<br>10A LED monitor panel  | Nos         | 5                    |
| 17     | Ohm meter                 | Digital multimeter voltmeter ohmmeter AC/DC ammeter capactitance tester  | Nos         | 5                    |
| 18     | Battery testing equipment | Car motorcycle battery load tester alternator analyzer with two testing clips. Material of wire-0.06square millimeter copper, max. voltage and current: 12V 15A  | Nos         | 2                    |
| 19     | Neon timing light         | Xenon timing light with inductive impulse pick-up, with 8000rpm, supplied with 1.5 mtr coiled 12 Volt power lead, inductive coupler  | Nos         | 4                    |
| 20     | Front End socket Tool Kit | torex hex socket: 6 pcs flat head hex socket: 6 pcs slotted bit socket: 3 pcs philip bit socket: 3 pcs pozidriv socket: 3 pcs hex matrix socket: 13 pcs L allen wrench: 3 pcs 1/4 inch universal joint: 1 pcs felxible extension bar: 1 pcs 1/4 inch extension bar: 2 pcs 1/4 T bar: 1 pcs 1/4 quick releaser rachet: 1 pcs 6 inch spinner handle: 1 pcs bit adaptor: 1 pcs blow tool box: 1 pcs | Nos         | 1                    |
| 21     | Bearing pullers           | Blind hole remover made of chrome with high hardness and toughness, suitable for extracting bearings from blind housings.  | Nos         | 2                    |
| 22     | Gear pullers              | Material: Chrome Vanadium SteelNo. of Jaws: 3 Jaw Spread: 4 Inch Jaw Reach: 2.8 InchCapacity: 3.5 ton Item Weight: 1 Kg Product Dimensions: 27 x 16.8 x 6.6 cm   | Nos         | 2                    |
| 23     | Repair Tools Kit          | 13pcs 1/4 inches DR sockets: (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14) mm, 21pcs DR bit sockets: PH 1, 2, 3, PZ 1, 2, 3; FD 4, 5.5, 7; HW 3, 4, 5, 6, 7, 8; T 10, 15, 20, 25, 30, 40 2pcs 1/4 inches DR extension bars 1pcs 1/4 inches DR quick ratchet 3pcs hex key wrenches: 1.5, 2, 2.5mm 1pcs 1/4 inches DR universal joint 1pcs 1/4 inches DR sliding bar 1pcs                       | Nos         | 1                    |

|        | Sec                                      | Tools and Equipment List ctor: Automotive; Job Role: Auto Service Te   | echnician   |                      |
|--------|--|--|-------------|----------------------|
| S. No. | Tools                                    | Specification  | Unit (type) | Per<br>school<br>qty |
|        |  | 1/4 inches DR flexible extension 1pcs 1/4 inches DR spinner handle 1pcs bit adaptor 1pcs blow case   |             |                      |
| 24     | Vernier callipers                        | Digimatic vernier caliper, equipped with large & clear LCD readout, allowing easy measurement with resolution of 0. 01mm or 0. 0005"/0. 01mm                                   | Nos         | 6                    |
| 25     | Micro meter                              | Insize 0-25 mm micrometer with 0.01mm resolution   | Nos         | 6                    |
| 26     | Ruler                                    | Type: Ruler Material: Stainless steel Size: Length: 15 cm, 30cm, 60 cm, 100cm Color: Silver bottom + black scale   | Nos         | 5                    |
| 27     | Anti-lock braking system                 | Air assisted brake system  | Nos         | 1                    |
| 28     | Brake System Hydraulic any 4-<br>Wheeler | Hydraulic brake which uses brake fluid, typically containing glycol ethers or diethylene glycol, to transfer pressure from the controlling mechanism to the braking mechanism. | Nos         | 2                    |
| 29     | Fuel Pump                                | 12 V Electrical fuel pump  | Nos         | 1                    |
| 30     | Gloves                                   | Nylon anti cut safety hand glove   | Nos         | 10                   |
| 31     | Goggles                                  | Safety goggles glasses for eye protection  | Nos         | 10                   |
| 32     | Ear plugs                                | Reusable corded ear plug beneficial for giving total protection to ears from high pitch noise and sound  | Nos         | 20                   |
| 33     | Lubricant                                | Engine oil for car with active cleansing technology leaves pistons cleaner   | Nos         | 2                    |
| 34     | Lever Type Grease Gun                    | Lever type grease gun made of steel metal body   | Nos         | 4                    |
| 35     | spark pulgs                              | Spark plug sockets 67 mm drive size<br>16/21 mm  | Nos         | 5                    |
| 36     | Turbocharger                             | High pressure resistant car turbocharger made up of steel  | Nos         | 5                    |
| 37     | Radiator                                 | Aluminium car radiator- horse power-<br>500HP, power 220V and frequency-50 to<br>60 Hz   | Nos         | 5                    |
| 38     | Wiper blades                             | 12" Silicon wiper blade  | Nos         | 5                    |
| 39     | Brake pads                               | Hi-speed rubber brake pads for providing lesser stopping time  | Nos         | 5                    |

|        | Sec                         | Tools and Equipment List ctor: Automotive; Job Role: Auto Service Te   | echnician   |                      |
|--------|-----------------------------|--|-------------|----------------------|
| S. No. | Tools                       | Specification  | Unit (type) | Per<br>school<br>qty |
| 40     | Gasket scrapers             | Gasket scraper is a hand tool used by mechanics in the automotive industry to remove gasket residue. It has a handle, long shaft and blade, and resembles a screwdriver combined with a chisel. A gasket is a steel, copper or aluminium sheet or ring that is used between two machine parts or around pipe joints in an engine to prevent the escape of a gas or fluid.  | Nos         | 1                    |
| 41     | Class room chairs and desks | Chair, SINGLE PIECE PLASTIC MOULDED, Dimensions: Width 560 mm, Depth: 550mm, height: 840 mm Material: PVC Plolyvinyl Chloride "Chair Type: Without Arms, Type of Seat and Backrest: Padded with Polyurethane Foam, Material of Fabric: Back Cover leather foam, Thickness of Plywood used in Backrest IN MM (±1 mm): 18 mm Size of Material (mm) 2 mm thick 25 mm tube. Chair Height ±15(mm) 1000 mmSeat Depth ±10(mm) 450 mm Seat Width ±10 (mm) 500 mm Seat Height IN MM ±5(mm) 460 mm BIS & AIOTA certified   | Nos         | 30                   |
| 42     | White board with Marker     | Size: 6 feet x 5 feet x 4 feet   | Nos         | 1                    |
| 43     | Smart Board                 | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points- Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 msor faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53 or later,2.2 GHz or Higher OS- Android 11.0 or later Memory RAM- 8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + | Nos         | 1                    |

|        | Sec                                     | Tools and Equipment List ctor: Automotive; Job Role: Auto Service Te   | echnician   |                      |
|--------|---|--|-------------|----------------------|
| S. No. | Tools                                   | Specification  | Unit (type) | Per<br>school<br>qty |
|        |   | 3.0 × 2,USB -B x 2, 1 x USB C port, SPDIFx 1,RS232 x 1, LAN Port x 1 : Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer : Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC : Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool |             |                      |
| 44     | Pisteon Ring Expander                   | material of piston ring expander: handle<br>material: plastic Expander size: 50-100<br>mm nominal capacitY: 20-200 length of<br>expanderL 8 cm bore size: 4 inch   |             | 1                    |
| 45     | Torch                                   | Type: Halogen Dia or search light: 50-57 mm battery type: SMF for light-HRS >/=5   | Nos         | 1                    |
| 46     | Funadamental Literacy &<br>Numeracy Kit | Car engine part: material type: paper height: 18 inch width: 12 inch type: 70 GSM Quantity: 1 Nos Garage Chart: Material Type: paper height: 18 inch width: 12 inch type: 70 GSM Quantity: 1 Nos Infographics types of tyre: material type: paper height: 18 inch width: 12 inch type: 70 GSM Quantity: 1 Nos Marker: 1 Nos  | Nos         | 25                   |
| 47     | Puncture kit                            | needle tool bit: 2 cutter: yes   | Nos         | 2                    |
| 48     | Foot Operated Air pump                  | pressure gauge: 150 psi material cylinder<br>steel chromium platted use for: HMC<br>LMV Two wheeler  | Nos         | 2                    |
| 49     | Synchromesh Gear Box Model              | non working model to demonstrate gear mechanism in automobile system, maybe manually operated: yes actual cutmodel of gear box body for better view of shifting mechanism and main shaft cluth shaft and countershaft: yes gear box mounted on heavy duty: 1.5 inch Material of pipe: MS Power coated pipe shape: square Synchromesh gearbox front and rear: 1 PTOP-fuel system: yes Fuel tank capacity lit: 1 deck length: 2    | Nos         | 1                    |

|        | Tools and Equipment List Sector : Automotive; Job Role: Auto Service Technician |   |             |                      |  |  |  |
|--------|---|---|-------------|----------------------|--|--|--|
| S. No. | Tools   | Specification   | Unit (type) | Per<br>school<br>qty |  |  |  |
|        |   | feet model height: 350mm model width: 300 mm model cover material: Acrylic,CE and RoHS certified  |             |                      |  |  |  |
| 50     | Four stroke diesel engine (Study/<br>Learning model)                            | non workin model which have all the component of four stroke engine with the cut sections of each and every components showing movement: yes lubricating oil sump capcity: 6.75 ltr lube oil consumption: 1.5-2.0% crankshaft centre height: 200 mm foundation bolt size: 292x292mm weight:8-10 kg model height: 500 mm model weight: 350 mm model breadth: 370mm | Nos         | 1                    |  |  |  |
| 51     | Air blow gun  | Fluid nozzle orifice diameter: 4 mm comfortable pistolgrip, quick easy trigger action: yes min required pressure: 3kgs/4sqcm air consumption of rated pressurelit/min (c.f.m): 212(7.5) Min. air compressor (HP): 1 to 2 weight of gun (gms): 90 ,aterial: virgin plasticand stainless steel fitted with non leak air valve: yes                                  | Nos         | 2                    |  |  |  |
|        |   | Bearing housing weight - gram 600  Material of bearing housing - ( as per IS:210-1993) cast iron  | Nos<br>Nos  |                      |  |  |  |
|        |   | Lubricating material - Grease   | Nos         |                      |  |  |  |
|        |   | Height of housing from bottom of base -<br>millimeter 218   | Nos         |                      |  |  |  |
| 52     | Bearing housing   | Base width - millimeter 110   | Nos         | 2                    |  |  |  |
|        |   | Bolt hole length -millimeter 26   | Nos         |                      |  |  |  |
|        |   | Stud/Bolt size - M20  | Nos         |                      |  |  |  |
|        |   | Bolt hole width - millimeter 26   | Nos         |                      |  |  |  |
|        |   | Base length - millimeter 380 Feat height millimeter 60  | Nos<br>Nos  |                      |  |  |  |
|        |   | overall width - millimeter 130  | Nos         |                      |  |  |  |

|    |                           | Require standard size which generally fits all Yes   | Nos        |      |
|----|---------------------------|--|------------|------|
| 53 | Technical Safety Helmet   | Interiors are with air-mesh fabric Inner  Material: Mesh                                       | Nos        | 5    |
|    |                           | Material :ABS Size :M, Medium  | Nos        |      |
|    |                           | Outer Material : Plastic   | Nos        |      |
|    |                           | Instrument used for measuring relative density, graduated with scales Material Unbreakable Yes | Nos        |      |
|    |                           | Applications Battery Specifc Gravity Tester Yes  | Nos        |      |
| 54 | Battery Hydrometer        | Weight gm 100  | Nos        | 4    |
|    | , ,                       | Measuring Range 0.99   | Nos        |      |
|    |                           | Thickness Millimetre 5 to 10   | Nos        |      |
|    |                           | Scale Ranging 1.100 to 1.300   | Nos        | 1    |
|    |                           | length mm 165  | Nos        |      |
|    |                           | Temperature of Standardization °F 77   | Nos        | 1    |
|    |                           | offers a classroom based resource for practical investigation of fundamental                   | Nos        |      |
|    | Fluid Power resource Pack | hydraulic concepts Yes Fluid Bleeding Container Storage Case Yes                               | Nos        |      |
|    |                           | The pack consist of  | Nos        | 1    |
|    |                           | T-Piece Connectors 5   | Nos        | 1    |
| 57 |                           | Syringe (ml) 20  | Nos        | 2    |
|    |                           | Qty 3  | Nos        | 1    |
|    |                           | Syringe ( ml) 10   | Nos        | -    |
|    |                           | Qty 2  | Nos        |      |
|    |                           | Syringe ( ml) 2.5  | Nos        |      |
|    |                           | Qty 2  | Nos        |      |
|    |                           | Poly Tube (450 mm) 4   | Nos        |      |
|    |                           | 1) Modern Automotive Lightning . Yes   | Nos        |      |
|    |                           | 2) Fault Diagonist Yes   | Nos        |      |
|    |                           | 3) Four Stroke Operations Yes  | Nos        | =    |
|    |                           | 4) Infographics auto repair chart Yes  | Nos        | =    |
| 58 | Infographics              | 5) Auto Parts Infographics Yes   | Nos        | 20   |
|    | 08.4563                   | Length in feet 1   | Nos        | 1 20 |
|    |                           | Height in feet 2   | Nos        | 1    |
|    |                           | Material- gsm 300  | Nos        | 1    |
|    |                           | paper sheet with laminator Yes   | Nos        | 1    |
|    |                           | Material Fender Material   | Nos        |      |
|    |                           | Color Black  | Nos        | 1    |
| 59 | Fonder Envolon            | Size Standard  | Nos        | ,    |
|    | Fender Envelop            | Vehicle Model All  |            | 2    |
|    |                           |  | Nos<br>Nos | -    |
|    |                           | Waterproof Yes   |            |      |
|    |                           | material alloy steel   | Nos        | -    |
| 60 | Garage Hold Clasp         | Mounting Type Wall Mount   | Nos        | 2    |
|    | -                         | Item Weight 2.00 kg  | Nos        | -    |
|    |                           | Batteries Included? No e 62 of 258   | Nos        |      |

Page **62** of **258** 

|    |                                | Handle material Plastic  | Nos |     |
|----|--------------------------------|--|-----|-----|
|    |                                | Shaft material Iron  | Nos |     |
| 61 | Pliable cord picker            | Shaft type Flexible  | Nos | 2   |
|    | ·                              | Diameter 10 mm   | Nos |     |
|    |                                | Length 444 mm  | Nos |     |
|    |                                | usage Lift and Carry Batteries Safely                              | Nos |     |
| 60 | 5                              | Hold capacity 30 kg  | Nos |     |
| 62 | Battery porter tool            | Fit type Universal Fit,Opens up to 10"                             | Nos | 2   |
|    |                                | Item Weight 0.700 Gram   | Nos |     |
|    |                                | Thickness 30-45 GSM  | Nos |     |
|    |                                | Material Plastic,leatherette                                       | Nos |     |
| 63 | Gear Knob Cover                | Usage All types of car   | Nos | 4   |
|    |                                | Color Black  | Nos | 1   |
|    |                                | Pattern Plain  | Nos |     |
|    |                                | Exterior Finish Stainless Steel                                    | Nos |     |
| 64 | Oil Blooder                    | Material ABS   | Nos | 1   |
| 64 | Oil Bleeder                    | Measurement System Imperial  | Nos | 1   |
|    |                                | hose length (Mt) 0.5   | Nos |     |
|    |                                | Special Features: Bluetooth Operating                              | Nos |     |
|    | Fault Detector Gadget          | Centigrade Power: V 8-18   | Nos |     |
| 65 |                                | Advance Fault Detector Yes   | Nos | 1   |
|    |                                | Types of Cars Universal  | Nos |     |
|    |                                | Net Weight: Gram 210   | Nos |     |
|    |                                | Measurement Range Green-Yellow-Red                                 | Nos |     |
|    |                                | Usage/Application Detection of effluvium                           | Nos |     |
|    | <u> </u>                       | Display Type Light Emiting Display                                 | Nos |     |
|    |                                | Indicator System Yes   | Nos |     |
| 66 |                                | Alarm Method: Buzzer/Indicator                                     | Nos |     |
| 66 | Inteligent Outflow Detector    | Length-mm 217  | Nos | ] 1 |
|    |                                | WIDTH - mm 66  | Nos |     |
|    |                                | Breadth in mm 56   | Nos |     |
|    |                                | Weight-gram 220  | Nos |     |
|    |                                | Power Usage: 4 AA size (6V DC) Alkaline Batteries Cell Type        | Nos |     |
|    |                                | Excellent operation at high temperature conditions Yes             | Nos |     |
|    |                                | Viscosity 20W40  | Nos |     |
| 66 | Gobby Fluid Efficiency Enhacer | High detergent and dispersant properties keep the engine, gear and | Nos | 2   |
|    |                                | wet clutch clean Yes   |     |     |
|    |                                | Item Weight 900 g  | Nos |     |
|    |                                | Packing Sealed   | Nos |     |
|    |                                | Type Fully Automatic   | Nos |     |
|    |                                | Body Material MS   | Nos |     |
| 67 | Chamber Type Incinerator       | Voltage - 220 v  | Nos | 1   |
|    |                                | Working Pressure - kgf/cm 7-10                                     | Nos |     |
|    |                                | Cleaning Automatic   | Nos |     |

|    |                       | Packaging Type Box                         | Nos |   |
|----|-----------------------|--|-----|---|
|    |                       | Suitable For Painted surface               | Nos |   |
|    |                       | Usage/Application Exterior surface         | Nos |   |
| 68 | Automotive Luster     | Type Compress Sprayer silicone emulsifiers | Nos | 2 |
|    |                       | Features Silicon type, silicone resins     | Nos | _ |
|    |                       | Advance Feature Polydimethylsiloxanes      | Nos |   |
|    |                       | Packaging Type Sealed                      | Nos |   |
|    |                       | Non-slip handle Wooden                     | Nos |   |
|    |                       | Teeth Material Steel                       | Nos |   |
| 69 | Pnuemetic degreaser   | Easy to use Yes                            | Nos | 2 |
|    |                       | Portable Yes                               | Nos |   |
|    |                       | Weight - Grams 20                          | Nos |   |
|    |                       | Size - Automotive Standard                 | Nos | 1 |
|    |                       | Water Resistant- Yes                       | Nos |   |
| 70 | Anti rugger kit       | Color - Grey/Black                         | Nos |   |
| 70 | Anti rugger kit       | material - PVC                             | Nos |   |
|    |                       | Spiked Sole - Yes                          | Nos |   |
|    |                       | two layer PVC grass technology - Yes       | Nos |   |
|    |                       | super dust absorbent Smock 1               | Nos |   |
| 71 |                       | Microfiber Swill 1                         | Nos |   |
|    | Scour Microfiber Pack | microfiber mitt 2                          | Nos | 1 |
|    | Scoul Microffiel Fack | Dumpster 1                                 | Nos |   |
|    |                       | glass Dishrag 1                            | Nos |   |
|    |                       | one carpet cleaning swipper. 1             | Nos |   |

## Tourism:

|          | Tools and Equipment List Sector: Tourism and Hospitality; Sub-Sector: Hotels; Occupation:Customer Service |                                     |  |                   |  |  |
|----------|---|-------------------------------------|--|-------------------|--|--|
| S.<br>No | Item<br>Code  | Tool & Equipment                    | Specification  | Per school<br>qty |  |  |
| 1        | ltem1   | Desktop Computer with<br>anti virus | Processor Make:Intel Processor or equivalent :Intel Pentium G4400 or equivalent, 3.3GHz, 3MB Cache, 2 Cores Chipset :Intel H110 RAM Size (GB) or equivalent : 4 GB Hard Disk (GB) : 500GB or more Operating System (Pre- Loaded): Windows or equivalent USB Port 3.0(No.) :1 or more USB Port 2.0 (No.):2 or more Cabinet :Small Form Factor Network Connectivity :10/100/1000 on board integrated gigabit port Keyboard : Standard Mouse: Optical Monitor Resolution (PIXELS) : 1366 X 768 Pixels Monitor Size (INCHES): 18.5 inches Antivirus MS Office Licence or equivalent (Latest Version) Warranty (Year) : 3 Years | 5                 |  |  |

| 2 | Item2 | Printer  | Brand: HP/Canon Pixma or Equivalent All-In-One Colour Inkjet Printer (Black). Copy,Print,Scan, 16 Mb internal memory. Up to 46 db. Noiselevel. Output Tray capacity 50 pages. MediaSize Supported A4, A5, B5, Letter, Legal, Envelopes, Custom size. Input Tray capacity 100. USB support-Yes. Warranty Period 1 Year 1. Spill-free replenishment system. 2. Operation System: Windows. 3. Print up to 8000 pages with a set of colour ink bottle; Print up to 5000 with a set of black ink bottle. 4. Create borderless brochures, flyers, photos and other documents. | 1  |
|---|-------|--|---|----|
| 3 | Item3 | Computer Tables                                | 750mm(W)X 570mm (D)X 750mm(H) Wooden top with 15 mm thick covered with PVC, Frame- MS tube 25mm - powder–coated. Computer table with key board drawer and table top, Material Hollow Rectangular SectionOf Size 50 X 25 X 1.6 Mm Thick, CRC sheet, five level screw etc.  | 5  |
| 4 | ltem4 | Chairs   | Material Plastic W x H x D: 55 cm x 87 cm x 60 cm (1 ft 9 in x 2 ft 10 in x 1 ft 11 in) Weight- 2.8 kg Stakable Chairs 1 year waranty against manufacturing defects PLASTIC MOULDED SEAT CUM BACK WITH SUPPORT STRUCTURE with Arms, Material FILLED THERMOPLASTIC, Weight 700 gram.   | 30 |
| 5 | ltem5 | Stainless Steel Almirah                        | 78 X 36 X19 Inches PLAIN ALMIRAH (sagarsuper ss), Material M S Sheet , thickness ofside, top & bottom 0.9 mm, door 0.8 mm, selves 0.7mm, 4 selves, height 2000 mm,  | 1  |
| 6 | Item6 | Telephone set (with no connections)            | Landline with no connection Telephone, material High impact resistant polymer, weight 500 gram  | 1  |
| 7 | Item7 | Front Office Counter                           | Plywood top with sunmica, Size: 2960Wx 880D x1100H (MM) Modular staff office packages (HANS) (HM24), Single Seater Rectangular Cluster, CRCA hollow system, Prelaminated particle board,  | 1  |
| 8 | Item8 | Notice Board(soft<br>board) - 2 feet by 3 feet | Width 308mm X Height 304.8mm X Depth20mm (4feet X4Feet) Clip Board, Surface Material-Sunmica Alluminium Frame Laminated sheet, Thickness front layer 3 mm, overall pinable 14 mm, Aluminium frame,  | 1  |

| 9  | Item9  | Maps   | 1.Political and physical map of world(4 feet by 6 feet) 2.India(6 feet by 2 feet), 3.Airlines route map world(4 feet by 6 feet) and India(6 feet by 2 feet). All the maps should be laminated and folded. | 3  |
|----|--------|--|---|----|
| 10 | Item10 | Lonely Planet or equivalent travel guideof                                   | 5 feet by 4 feet, All the maps should be laminated and folded one time, latest version  | 1  |
|    |        | World and India  |   |    |
| 11 | Item11 | CDs of Virtual tours of 10<br>States   | The video and audio are stored in MPEG-1 format   | 10 |
| 12 | ltem12 | Globe  | Type Columbus: Diameter 40 cmDesk and<br>Table Top<br>With Meridian Political Map in<br>English   | 1  |
| 13 | Item13 | Round Clock  | 8 inches diameter with cell WALL CLOCK 8 X 8 INCH ROUND (ajanta or equivalent)  | 7  |
| 14 | Item14 | White Board  | Whiteboard Type: Regular Height- 457.2mm,W<br>304.8mm· Writing board, Ceramic Steel,<br>size 3 x 4 feet, thicknes 1.4mm   | 1  |
| 15 | Item15 | Passport or Visa demo<br>dummy   | Dummy Passport  | 4  |
| 16 | ltem16 | Broachers  | (Hotels-20 types, Travel Agency 20 types, Mtdc offices 20)  | 1  |
| 17 | ltem17 | Forms  | Reservation form100, Confirmation form100,<br>Cancelation form100, Customer Information<br>forms 100, Feedback form100  | 1  |
| 18 | Item18 | Posters  | ( Travel Agency 3, Hotels-3, Restorants-3, Travel) 4 feet by 4 feet   | 1  |
| 19 | Item19 | Posters on famous tourism places   | (manmade,natural,symbiotic, cultural,sportsetc) 5 feet by 4 feet  | 2  |
| 20 | Item20 | Wireless collar Mick set with sounds   | Microphone with wireless speakers WIRELESS<br>MICROPHONE & HEAD BAND WITH COLLAR MIC<br>(ahuja (AHUJA AWM-520VL & EVM-100)<br>or equivalent).   | 1  |
| 21 | Item21 | Tour package<br>frame/poster   | 2 feet by 2, Color with lamination  | 1  |
| 22 | Item22 | Poster about computer hardware & software with specification                 | 2.5 feet by 2.5 feet Colour with laminatioin  | 3  |
| 23 | Item23 | Posters about Personal<br>Grooming/Gesture/Post<br>ure( both girls and Boys) | 2 feet by 3 feet Colour with<br>Lamination  | 3  |
| 24 | ltem24 | Dustbin  | Material: Plastic<br>Capacity 9 Litr. Set of 2 containers green &<br>blue, capacity 10 to 12 litre, Material Virgin<br>HDPE   | 1  |

| 25 | Item25 | Promotional Umbrella         | Umbrella Material- ABS Plastic, Size- 6ft.diaTable Size- 16 inch X32 inch Print Area- Front 32"X32"; Side 16"X32" Tourism stalls for branding or advertising or service on the tourist spot. Like packeges,guide,bookings,food and bavrege, accumodation etc Commercial patio umbrella, length of umbrella ribs is 200 cm,   | 2  |
|----|--------|------------------------------|--|----|
| 26 | Item26 | Supply extension cable port  | 5 Pins   | 2  |
| 27 | Item27 | Books- Travel<br>Experiences | Books on Traveler's experiencess   | 10 |
| 28 | Item28 | Books- Traveler's guide      | Travelers guide for distinations as follows,3- Local desitnations 6 - Other state level destinations- Mahabaleshwar, Ajanta-Ellora, Konkan,Tadoba, Forts, Mumbai. 9- Other National destinations- Kashmir,Himachal Pradesh, Rajasthan, Kerala, North East, Andaman- Nicobar, Goa, Madhya Pradesh, Forest Safaris6- International destinations- Europe, Dubai, Singapore- Bangkok, United States, South Africa, Nepal | 30 |
| 29 | Item29 | Trainers Table               | Product Dimensions: Total height = 750mm, Length = 1200mm, Depth = 600mm  Top: 18 mm engineered wood table top with 2 mm machine edge banding.  Legs: Durable steel powder coated under structure made of 16 Gauge Steel tubes powder coated to DA Grey colour   | 1  |

| 30 | Item30     | Trainers Chair                 | Material: Breathable mesh for the backrestand Polyester fabric for the seat. ( AC MeshMesh & 5060 fabric seat).  Base: 700 mm diameter Nylon base with 50mm Castors for stability and easy movement .  Arms: Fixed arms for shoulder support Seat Contour: Seat pan depth is designed so that the forward most point on the lumbar support is placing gentle pressure on the lower5 vertebrae on the spine. (2018 ?Bristol Seat).  Lumbar Support: Fixed lumbar support to support your lower back.  Tilt: Push back tilt mechanism to move onlythe back rest back for comfort Pneumatic height: Change the height of thechair   | 1 |
|----|------------|--------------------------------|--|---|
| 31 | Item31     | Debit / Credit Card<br>Machine | relative to the floor by 100 mm  14 x 9 x 4 cm; 210 Grams  | 1 |
| 32 | Item<br>32 | Register and Log Books         | General Size and purpose   | 4 |
| 33 | Item33     | Smart Board                    | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53or later, 2.2 GHz or Higher OS- Android 11.0 or later Memory RAM-8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 x HDMI 2.0 IN & 1 x HDMI 2.0,Out port, 1 x DP, USB 2.0 x 2 + 3.0 x 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 x 16 W Speaker & 1 x 16 W Subwoofer: Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool | 1 |

### FMM:

|       | List of Tools and Equipment Sector: FMM Course; Job Role: Business Correspondent |   |                |                        |  |  |
|-------|--|---|----------------|------------------------|--|--|
| S.No. | Tool & Equipment   | Specification   | Unit<br>(type) | Per<br>School<br>(Qty) |  |  |
|       |  | Processor :Intel Pentium Silver N6000 or<br>equivalent, 3.3GHz burst frequency, 4MB L3<br>Cache, 4 Cores, 4 Threads |                |                        |  |  |
|       |  | Chipset :Intel Integrated SoC or equivalent   |                |                        |  |  |
|       |  | RAM Size (GB) : 8 GB DDR4-2933 MHz RAM (1 x 8 GB)   |                |                        |  |  |
|       |  | Hard Disk (GB) : 256 GB PCle® NVMe™ M.2 SSD   |                |                        |  |  |
| 1     | Desktop Computer   | Operating System (Pre-Loaded): Windows 11<br>Home or equivalent   | Nos.           | 12                     |  |  |
|       |  | USB Port 3.0(No.) :1 or more  |                |                        |  |  |
|       |  | USB Port 2.0 (No.):1 or more  |                |                        |  |  |
|       |  | Network Connectivity :10/100/1000 on board integrated gigabit port  |                |                        |  |  |
|       |  | Display: 35.6 cm (14) diagonal, HD (1366 x 768), micro-edge, BrightView, 250 nits, 45% NTSC                         |                |                        |  |  |

|       | List of Tools and Equipment Sector: FMM Course; Job Role: Business Correspondent |  |                |                        |  |
|-------|--|--|----------------|------------------------|--|
| S.No. | Tool & Equipment   | Specification  | Unit<br>(type) | Per<br>School<br>(Qty) |  |
|       |  | Monitor Size (INCHES): 35.6 cm (14) diagonal HD display  Warranty (Year): 1 year (1/1/1) limited warranty includes 1 year of parts and labour. On-site repair.  Keyboard: Full-size, jet black keyboard  Pointing Device: Image pad with multi-touch gesture support; Precision Touchpad Support  Wireless: Realtek or Equivalent RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo  Power Supply: 65 W Smart AC power adapter Battery Type: 3-cell, 41 Wh Li-ion Energy Efficiency Compliance: EPEAT® registered   |                |                        |  |
| 2     | Printer/Scanner/Xerox  | Brand: HP/Canon Pixma or Equivalent All-In-One Colour Inkjet Printer (Black).Copy,Print,Scan, 16 Mb internal memory. Up to 46 db. Noise level. Output Tray capacity 50 pages. Media Size Supported A4, A5, B5, Letter, Legal, Envelopes, Custom size. Input Tray capacity 100. USB support-Yes. Warranty Period 1 Year 1. Spill-free replenishment system. 2. Operation System: Windows or equivalent. 3. Print up to 8000 pages with a set of colour ink bottle; Print up to 5000 with a set of black ink bottle. 4. Create borderless brochures, flyers, photos and other documents. | Nos.           | 1                      |  |
| 3     | Local Area Network   | 16 port Network switch. 16-Port 10/100Mbps Desktop/Rackmount Switch, Power Cord, Installation Guide, Rackmount Kit and Rubber Feet. 110 Volts. 801.11ac. Auto-MDIX, IEEE 802.3, Ethernet, Auto-MDI, Fast Ethernet  | Nos.           | 1                      |  |
| 4     | Lab Chairs   | Stackable chairs with arms, Dimensions: length 17, width: 17, height:32 (in inches). Material: Polypropylene   | Nos.           | 30                     |  |
| 5     | Computer Tables  | Table height :80 CMS, length :70 cms, width :45 cmswith key board and CPU shelves  | Nos.           | 12                     |  |

| List of Tools and Equipment Sector: FMM Course; Job Role: Business Correspondent |   |   |                |                        |  |  |
|--|---|---|----------------|------------------------|--|--|
| S.No.  | Tool & Equipment  | Specification   | Unit<br>(type) | Per<br>School<br>(Qty) |  |  |
| 6  | White Board   | Material of Board Ceramic Steel Material of Frame Anodized extruded Aluminium alloy hollow section of designation 63400 conforming to IS: 1285 Material of Back Cover Galvanized steel sheets conforming to IS:277 Thickness and Material of back support (conforming to IS:12406) 9 millimetre | Nos.           | 1                      |  |  |
| 7  | Demonstration Charts  | 4" X 3" Ft.   | Nos.           | 5                      |  |  |
| 8  | USB / Pen drive   | Capacity = 8GB each USB   | Nos.           | 2                      |  |  |
| 9  | RJ45 connecters   | Connector used in Ethernet and other data links& cables   | Nos.           | 1                      |  |  |
| 10   | Anti Virus software   | One license for one laptop computer therefore 15 licenses for 15 computers  | Nos.           | 12                     |  |  |
| 11   | Printer Cartridges<br>(Compatible Printer<br>Type Required) | GI-790 / HP 3052 PRINTER CATRIDGE 12A (hp), Brand HP or Equivalent Type of Cartridge/Consumable Toner Ink/Toner/Drum Model number HP 3052 PRINTER CATRIDGE 12A or equivalent Corresponding Part number/ code HP 3052 PRINTER CATRIDGE 12A or equivalent   | Nos.           | 2                      |  |  |
| 12   | Fire extinguisher   | Type Stored Pressure Extinguishing Media Powder Based Expellant Medium N2 Based (Stored Pressure) Foam Based Fire Extinguisher Capacity(Litres) 4 Powder Based Fire Extinguisher Capacity (Kg) 4 Carbon Dioxide Based Fire Extinguisher Capacity (Kg) 4.5                                       | Nos.           | 1                      |  |  |
| 13   | LibreOffice or MS<br>Office or Equivalent<br>package        | Latest version - One for each Laptop Computer   | Nos.           | 12                     |  |  |
| 14   | Printer Tables  | (H 16 x W 13 x D 12 inches / H 40.6 x W 33 x D 30.5 in cms), Engineered Wood,   | Nos.           | 1                      |  |  |

| List of Tools and Equipment Sector: FMM Course; Job Role: Business Correspondent |                  |   |                |                        |  |  |  |
|--|------------------|---|----------------|------------------------|--|--|--|
| S.No.  | Tool & Equipment | Specification   | Unit<br>(type) | Per<br>School<br>(Qty) |  |  |  |
| 15   | Smart Board      | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53or later, 2.2 GHz or Higher OS- Android 11.0 or later Memory RAM-8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -Bx 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer: Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool | Nos.           | 1                      |  |  |  |

## **Healthcare:**

|             |              | Sect   | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Ti   | rainee             |                      |
|-------------|--------------|--|---|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment                                 | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 1           | Item 1       | Advanced Male &<br>Female<br>Catheterisation kit | Standard OEM porduct  1 Female Catheterization Unit1 Male Catheterization Unit  1 Catheterization Foreskin (x3)1 Suprapubic Bung (x2) 2 Standard Bung 1 Milton Sterilizing Fluid (500ml) 1 Aseptic Catheterization Sleeves (x2)1 Mock LA Gel with Syringe 1 Male catheterization sphincter kit 1 Female catheterization sphincter kit 1 Drip tray with bag stand & 1500 ml fluid bag1 14 French foley catheter (male) 1 12 French foley catheter (female) 1 Pelvic shell 1 Plastic kidney dish1 2 Liter jug 1 Carry case MULTI FUNCTIONAL NURSING MANIKIN/FEMALE (General Doctors) (GD/H2/FEMALE), Full body manikin, Manikin jacket, integrated training mat along with carrying bag, Face Pieces and 50 Hygiene Bags. | Kit                | 2                    |
| 2           | Item 2       | AED Trainer with<br>Adult Pad                    | OEM product, to safely simulate shock delivered by AED, to be pre- configured with 10realistic scenarios Training scenarios with audible messages and Batteries Function: Simulate the operation of the clinical AED, Feature: With separate program/voice card, Power supply: DC 4.5V/3*AA battery, Size: 155*130*45mm, Certfication: CE and ISO13485 Comprises of Manikin(s) and accessories necessary for conducting para medical trainings, hest Compression depth, CPR Training, Combined CPR and Airway Training  | Kit                | 1                    |
| 3           | Item 3       | Air Cushion                                      | Standerd OEM product Rubberized Coir Pillows Size: 61 X 35.6 X 10.2 cm.   | Nos                | 2                    |

|             | List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee |                            |   |                    |                      |  |
|-------------|--|----------------------------|---|--------------------|----------------------|--|
| <u>S.No</u> | Item<br>Code   | Tool & Equipment           | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |  |
| 4           | ltem 4   | Airway<br>Manequins        | <ul> <li>Standard OEM product, should be suitable for -         <ul> <li>Practicing of oral and nasal intubation</li> <li>Practicing use of LMA (Laryngeal Mask Airway)</li> </ul> </li> <li>Correct tube placement can be checked by practical inflation test         <ul> <li>Realistic anatomical features allow demonstration of Sellick Maneuver and laryngospasm</li> </ul> </li> <li>Bag-Valve-Mask ventilation can be practiced</li> <li>Stomach inflation and vomiting situation can be simulated</li> <li>Provides visual inspection of lung expansion</li> <li>Provides auscultation of breath sounds Full body manikin type, Comprises of Manikin(s) and accessories necessary for conducting para medical trainings, Airway Hygine system</li> </ul> | Kit                | 1                    |  |
| 5           | Item 5   | Ambu Mask                  | Standard product  • Silicone Adult 1600mlResuscitator (W/ popoff 60cmH20)"  • Silicon mask 5  • 2500ml Oxygen reservior bag.  • Disposal Oxygen Tubing 2 meter  • 1000 percent medical grade silicone material.  • Latex free components  • Available in polysulfone type.  • Autocavable  • The set to include PVC reservoir bag, silicon mask 5 and disposable oxygen tubing.  • 40cm H20 pressure relief valve  • All in one intake valve. Self filling with air, usage for Infant/Child   | Kit                | 2                    |  |
| 6           | Item 6   | Artery Forcep              | Material: Stainless Steel  Size (L x W x H): 10 Cms x 12 Cms x 2 Cms SMALL ARTERY FORCEPS STRAIGHT/CURVED 4 INCHES  | Nos                | 5                    |  |
| 7           | Item 7   | Bath soap                  | Standard product - 100 gms  | Nos                | 8                    |  |
| 8           | Item 8   | Bath Tub                   | Materia: Material: Stainless steel, Capacity 40 litre, Thickness of body 0.63 mm  | Nos                | 1                    |  |
| 9           | Item 9   | Bed Pan with cover         | Size: L-39.5cm, W-30.5cm, H-7cm Material:<br>Stainless Steel Material Sainlesssteel, with<br>cover, Medium Size   | Nos                | 1                    |  |
| 10          | Item 10  | Betadin solution<br>bottle | 500 ml bottle Providone Iodine, brown color,<br>500 ml  | Nos                | 4                    |  |

|             | List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee |   |  |                    |                      |  |  |
|-------------|--|---|--|--------------------|----------------------|--|--|
| <u>S.No</u> | Item<br>Code   | Tool & Equipment  | Specification  | Unit<br>(Typ<br>e) | Per<br>school<br>qty |  |  |
| 11          | Item 11  | Blanket   | Size: 180 × 260 cm Material: Fleece Colour:<br>Single Colour: Navy Blue/ Dark Blue 100%<br>woolen, size 230 X 152 CM,  | Nos                | 5                    |  |  |
| 12          | Item 12  | Blood concentrate   | Standard product; 120 ml bottle  | Nos                | 4                    |  |  |
| 13          | Item 13  | Cervical collar<br>(Medium )  | Material: Polyester40%, PU50%, Nylon10%<br>Length Size: 19 in, 15 in Soft Collar, Flexible,<br>weight 250 gram   | Nos                | 1                    |  |  |
| 14          | Item 14  | Cleaning solution   | Multi purpose cleaning liquid in 500 ml bottle with spray Lyzole or equivalent cleaning solution   | Nos                | 4                    |  |  |
| 15          | Item 15  | Clinical<br>examination Table   | <ul> <li>Overall approx. size 1840mm LX575mm</li></ul>   | Nos                | 1                    |  |  |
| 16          | Item 16  | Comb  | Material: High quality Plastic. Standard product for personal grooming purpose Material Plastic  | Nos                | 5                    |  |  |
| 17          | Item 17  | Cotton roles  | 250 gm roll Thickness 12 mm, width 25 mm,<br>weight 200 gram   | Pack<br>et         | 4                    |  |  |
| 18          | Item 18  | Different color<br>plastic bags ( Red ,<br>Yellow, blue, Black)<br>with dust bins | Contains:  (a)4x plastic bags (one of each colour - Red, Yellow, Blue and Black) Material: PolypropyleneSize: 48 x 58 cm Type: Biohazard Disposable Bag(b)4x dustbins Color Red, Blue, Green, Yellow, Black Material Polypropylene Plastic Size 30*36 cm (W*H) | Set                | 1                    |  |  |
| 19          | ltem 19  | Dissecting<br>Forcep  | Available Brand: Regular, Antirust, Antirust-dx Size: 4\", 5\", 6\" / 100 Mm, 125 Mm, 150 Mm 8 inch forcep, Stainless steel, thickness blade 1.8 mm, overall length 192 mm, blade length 25 mm.  | Nos                | 3                    |  |  |

|             |              | Secto                                    | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Ti   | rainee             |                      |
|-------------|--------------|--|---|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment                         | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 20          | Item 20      | Draw Sheet                               | Standerd OEM product Material Used: Non Woven Color: Medical Blue Weight: 25 GSM Size: 200 cm x 150 cm Application/Use: For Covering Bed Special Feature: Water Repellent General Surgery drapes, Size 120 X 150 cm,  | Nos                | 2                    |
| 21          | Item 21      | Duster                                   | Material: Acrylic duster with removable sleeve<br>and PVC handle DUSTER, FLOOR DUSTER,<br>CLEANING DUSTER, Size 30 X 30 CM  | Nos                | 2                    |
| 22          | Item 22      | Electronic B.P.<br>Monitoring<br>Machine | Standerd OEM with ISI / CE certificationDisplay Size 3 inches Pulse 40 ~ 199 Pulse/min (Accuracy: =-5%) Range: 0 ~ 299 mm HgGeneral Features: •Large and Clear LCD display •2 x 120 times memory •Date/Time display •Automatically turn off •4 number AA size battery (1.5V each) •Cuff circumference: 22 ~ 32cm Digital, Automatic, portable, weight 2000 gram, measures 0 to 300 mmHg | Nos                | 2                    |
| 23          | Item 23      | Eraser                                   | Non dust white erase size: 3.5 x 2 x 1 cm Packing includes 20 pieces  | Nos                | 15                   |
| 24          | Item 24      | Extention cord                           | Six socket extension cord  • 6 separate switches  • 3 Core Fuse for surge protection  • 2 yard copper wire  with ISI marks and appropriate compliance to  BIS Six sockets, 3 pin type,  | Nos                | 2                    |
| 25          | Item 25      | Fire Extinguisher                        | 5kgs.ABC type ISI certification standard OEM product Stainless steel cylender, CO2 based, 2 Kg Fire Extinguisher  | Nos                | 1                    |
| 26          | Item 26      | First aid metal box                      | Size 45x 40x 30  Material: Metal with Epoxy coating Material ABS/ tough & Dimpact resistant durable with clear plastic, Steel clored, Lid without hinge type with self lock, Box Dimention 165 mm x 355 mm x 280 mm, Weight 100 gram  | Nos                | 1                    |
| 27          | Item 27      | Gauze Swabs                              | Material:Cotton Size: (4x4 inch) Dimention 50 mm,   |                    | 20                   |

|             |              | Sect                    | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Ti  | rainee             |                      |
|-------------|--------------|-------------------------|--|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment        | Specification  | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 28          | Item 28      | Gloves(disposable<br>s) | 1packet*100 pieces Material:Nitrile Rubber, Powder Content: < 2.0 mg/dm2 Extractable Protein Level: <200 µg/dm2 Sterilization: Non Sterile Disposable Surgical Rubber Gloves conforming to IS:13422/1989 (RA 2003)-prepowdered   | Pack<br>et         | 5                    |
| 29          | Item 29      | Gloves(surgical)        | 1packet*100 pieces Material: Natural Rubber Powder content : < 15 mg / dm2 Extractable Protein Level : <200 micro gram/ dm2. Sterilization : Ethylene Oxide / Gamma irradiated RUBBER GLOVES / SURGICAL GLOVES, Material Natural Rubber latex  | pack<br>ets        | 5                    |
| 30          | Item 30      | Glucometer 30           | Automatic Power: 90  •Minimum Blood Sample Needed: 1.5 microlitre  •Measuring Range: 0.6 mmol/L - 33.3 mmol/L •Number of Strips: 10 Strips •Number of Lancets: 10 Lancets •Measuring Time: 10 sec •Display Type •LCD •Memory: 350  •10 Sterile Lancets, 1 Log book, 1Active Meter (with 1 enclosed battery), 1 Carry case, 1 Lancing Device, 1 Vial containing 10 Test Strips and 1 coding chip, 1 User manual, 1 Quick Reference Guide, 2 Information Sheets, 1 Warranty card Electro chemical technology, device weight 10 gram, Single cell/ battery, Ranges 30 to 700. | Nos                | 1                    |
| 31          | Item 31      | Goggles                 | <ul> <li>Frameless polycarbonate safety eyewear with wrap around design.</li> <li>Lenses are impact resistant to level F.         <ul> <li>Lenses are optical Class-1.</li> <li>Scratch-resistant coating on lens.</li> <li>99.9% UV protection.</li> </ul> </li> <li>Meets or exceeds EN 166:2001 with CE marked.</li> <li>Meets high impact requirements of ANSI Z87.1-2003. Safety goggle, As per BSF Specifications, Material Polycarbonate</li> </ul>   | Nos                | 1                    |

|             |              | Sect               | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Ti   | rainee             |                      |
|-------------|--------------|--------------------|---|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment   | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 32          | Item 32      | Hair-cap packet    | 1packet*100 pieces atlas disposable caps<br>non-linting Kaycel fabric with a polypropylene<br>top and straps •Layers: 5-layers soft white<br>sweat pad Surgen Cap   | Pack<br>et         | 1                    |
| 33          | Item 33      | Hospital bed       | Hospital bed Length: at least 2000 mm ,Breadth at least 900 mm & Height at least 500 mm  Frame work made of rectangular MS tubes Not more than 18G Perforated CRC/MS sheet top in four sections Backrest, knee rest, trendlenburg /reverse trendlenburg & hi-low positions obtained by separate screw from foot end Detachable/Collapsible/swing away ABS/SS safety side railings ABS/55 moulded head & foot bows, detachable IV rod with four locations Bed mounted on at- least 120 mm dia .,nonrusting, swiveling castors, two with brakes Pretreated and powder coated Mattress suitable for the bed made of at least 25mm thick soft density top layer and at least 75mm thick high density bottom layer for patient comfort and better pressure care Width of Mattress, 900 mm to 920 mm, Material surface is CRCA Sheet, MS ERW rectangular tube with 50 mmx30 mm or more, gauge 1.2 mm or more. | Nos                | 1                    |
| 34          | Item 34      | Kidney tray (8")   | Regular/304 G- S.S. Sizes:, 8"<br>Material: Stainless Steel Stainless steel, 300<br>gram  | Nos                | 1                    |
| 35          | Item 35      | Liquid soap bottle | Foaming Handwash 215 Ml 1 litre,<br>Liquid soap   | Nos                | 6                    |
| 36          | Item 36      | Marker             | With Replaceable Refill:<br>Tip Size (mm):2.0mm Board Marker  | Nos                | 15                   |
| 37          | Item 37      | Mask packet        | 1packet*50 pieces,face mask ear loop medical<br>surgical dust face mask<br>Bacterial filtration efficiency (BFE) > 98%<br>conforms to EN14683: Type II.<br>Size: 18x9cm, Thickness: 3ply Disposable Mask,   | Nos                | 2                    |
| 38          | Item 38      | Micropore          | Material Type : PaperTape Size :5 m<br>1.25 cm x 5 meter , 24 Pcs in a box Micropore,<br>Hold a Bandage or Other Dressing onto a<br>Wound, 2 inches   | Nos                | 1                    |

|      |              | Sect                          | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Ti   | rainee             |                      |
|------|--------------|-------------------------------|---|--------------------|----------------------|
| S.No | Item<br>Code | Tool & Equipment              | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 39   | Item 39      | Nebulizer / Mesh<br>Nebulizer | Adult/Kid Compressor Nebulizer for Inhalation Therapy Operating Air Flow Rate: 4.0 L/minMmad (micro m): 2-6 µm Medication Capacity (ml:6 ml Average Nebulization Rate (ml/min): 0.25 ml/min Particle Size (micro m): 2-6 µmPower Required: 230 V 50 Hz Power Consumption: 75 W Dimensions Height (cm) 10 cmx Width (cm) 15.8 cmx Depth (cm) 17.5 cm Weight (gram): 1500 g Contains:Jet Air Nebulizer, 5 Pieces Replacement Filters, Air Tube, Carrying Bag, Child Mask, Compressor, Mouthpiece, Instruction Manual Technology Aerosol with piston electro compressor type | Nos                | 1                    |
| 40   | Item 40      | Normal saline<br>bottle       | Sodium Chloride Glucose Intravenous InfusionBP<br>(0.9% 5%) 500ml<br>500 ml   | Nos                | 4                    |
| 41   | Item 41      | Paper                         | 70 GSM, A4 size, Ream of 500) A4 Size Paper,<br>500 pages   | Set                | 1                    |
| 42   | Item 42      | Pen                           | Ball point pen Ball pen   | Nos                | 15                   |
| 43   | Item 43      | Pencil                        | Lead Hardness:2B<br>1 packet of 10 each Apsara Pencial, 10 pencils<br>packet  | pack<br>et         | 1                    |
| 44   | Item 44      | Pillow                        | Specification: Fabric: micro fabric Pattern QUILTED Size: 17 x 27 inchesColor: White Shape: Vertical Filling Material: Cotton cloth plain weave Polyester cotton (67:33) white, 715 gram weight,  | Nos                | 4                    |
| 45   | Item 45      | Pillow covers                 | Color: Solid Colours: Navy Blue/ Dark Blue/<br>White etc<br>Size: 17" X 27"<br>Fabric: Cotton 100%<br>Pattern: Plain/Satin Stripe Size: 76 X 48 cm  | Nos                | 6                    |
| 46   | Item 46      | Registers                     | Hard cover, Long notebook registers Regualr<br>Register, 300 pages, length and width 148 X 210<br>mm  | Nos                | 3                    |

|             |              |                                       | List of Tools and Equipment  |                    |                      |
|-------------|--------------|---------------------------------------|--|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Sector Tool & Equipment               | or: Healthcare; Job Role: General Duty Assistant Tr<br>Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 47          | Item 47      | Sample collection bottle              | Sample container screw capMaterial:<br>Polypropylene<br>Size: 35 ml Material polypropelene, 45 ml  | Nos                | 20                   |
| 48          | Item 48      | Dressing Scissors                     | <ul> <li>Material: Stainless Steel, Anti- rust</li> <li>Size: 7", 180 Mm</li> <li>Variety: Sharp /blunt Stainless steel, 8 inches</li> </ul>   | Nos                | 3                    |
| 49          | Item 49      | Micro Surgical<br>Scissors            | <ul> <li>9cm (3.5") Long</li> <li>Straight, 6mm blades</li> <li>3mm Cutting edge</li> <li>Stainless steel Stainless steel, 5 inches</li> </ul>   | Nos                | 2                    |
| 50          | Item 50      | Shampoo bottle                        | 500 ml bottle Hair Shampoo, 200 ml   | Nos                | 4                    |
| 51          | Item 51      | Pencil Sharpner                       | Material: Plastic body with metal blade. 10<br>Pencil sharpners  | Nos                | 10                   |
| 52          | Item 52      | Splint Medium                         | Immobilization splintm made of EVA coated re-<br>formable aluminum inlay.<br>Medium Size (46cm x 11cm)<br>Full X-Ray transparent Wrist & Forearm Splint,<br>Adult use  | Nos                | 1                    |
| 53          | Item 53      | Steel Basin                           | Standard product Material: Stainless<br>SteelSize: 12"   | Nos                | 1                    |
| 54          | Item 54      | Steel bowl                            | Standard product<br>Material: Stainless Steel round bowl, stainless<br>steel, capacity of bowl 225 ml.   | Nos                | 1                    |
| 55          | Item 55      | Steel tray<br>(medium)                | medium and small rubber Stainless steel.<br>Size: 12x10" Stainless steel, Rectangular shape<br>with lid, size 10 cm x 12 cm, weight 700 gram   | Nos                | 2                    |
| 56          | Item 56      | Sterilizer (shallow<br>dressing drum) | Material: Stainless Steel sheet by deep draw process Size: 9" x 5" /8" x 8"/12" x 10" VERTICAL CYLINDRICAL Steam Steriliser Pressure type, Steriliser Chamber size: 300 mm (Diameter) x 500 mm (Length), conforming to IS: 3829 (Part 3)/1985, reaffirmed 2001, with amendment 1 & 2, fitted with Silicon door gasket( expansion type). Electric load of the unit shall be 4 KW. | Nos                | 1                    |
| 57          | Item 57      | Stopwatch                             | TC6 Timer / Clock / Stopwatch Digital,<br>Rectangular shape  | Nos                | 2                    |

|             |              | Sect                               | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Ti   | rainee             |                      |
|-------------|--------------|------------------------------------|---|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment                   | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 58          | Item 58      | Stretcher                          | Should be light, safe and reliable, made of aluminium alloy and hold for the same, easy to lock and unlock Features Safety belts for patient,length adjustable, Should open into two halves, not exceeding the below dimension Product dimensions: 192 x 43 x 8cmNet weight:  9kg Stretcher bearing: 120kg Stretcher for Emergency and Rescue operations, Material Powder Coated Mild Steel | Nos                | 1                    |
| 59          | Item 59      | SuctionAppratus                    | A/c power.  •Pumping Rate: 15 L/ Min  •Power: ≤90VA  •Max negative pressure value: ≥0.075MPa  •Noise: ≤65dB(A)  Backup for 20 min. Provision with manual operation in case of any power failure High Vacuum suction machine -Medical (Aspiration unit)  |                    | 1                    |
| 60          | Item 60      | Syringe destroyer<br>needle burner | powder coated housing with built in removable Bin for burnt needle stubs cut syringe nozzles. Material: moulded type, shock proof and made  | Nos                | 1                    |
| 61          | Item 61      | Talcum powder                      | 400gm Ponds talcum powder, 200 gram   | Nos                | 4                    |
| 62          | Item 62      | Tooth brush                        | Medium bristles. Toothbrush for adults Size<br>Suitable for adult use   | Nos                | 8                    |
| 63          | Item 63      | Toothpaste                         | 200gms 100 gram   | Nos                | 4                    |

|             | List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee |  |   |                    |                      |  |
|-------------|--|--|---|--------------------|----------------------|--|
| <u>S.No</u> | Item<br>Code   | Tool & Equipment   | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |  |
| 64          | Item 64  | Torch  | •1 Watt Super bright LED •4V/400 mAH rechargeable powerful battery •Initial Charging: Min 18 Hrs •Regular Chgarging : 14 Hrs •High quality plastic body Battery Type :Lead-Acid LED tourch  | Nos                | 1                    |  |
| 65          | Item 65  | Towel big  | Towels surgical(Sheets)Material: cotton •Size: 16x24 Inch Material terry(Trucky Towel), size 150 X 75 CM  | Nos                | 1                    |  |
| 66          | Item 66  | Urinal set (female)  | Material: Stainless SteelCapacity:<br>750ml Manual Flushing   | Nos                | 2                    |  |
| 67          | Item 67  | Urinal set (male)  | Material: Stainless Steel Capacity: 750ml Bowl (Flat Back) without Flushing Rim; Size 1:(410 x 265 x 305) mm; Fig. 2  | Nos                | 2                    |  |
| 68          | Item 68  | Uro-bag  | Drain Bag Capacity ML 2000 mlDrain Type Metal Clamp with Foley Insert TagLatex Free Reflux Style Anti Reflux Device Sample Access Port Type: Blunt Cannula Sterility O.R. Sterile Material Transparent Polyvinyl Chloride, Capacity 2000 milliliter,  | Nos                | 4                    |  |
| 69          | Item 69  | Weighing machine<br>(Digital Electronic<br>Weighing Machine) | Features: High Precision Strain Gauge Sensor System 6MM Tempered glass 280 x 280 mm Capacity 180 kg Graduation 100gm LCD Display Size: 73 x 28 mm Auto On Auto zero & Auto off Over Load Indication Low Battery Indication CR 2032, Lithium Battery Portable Body Mass Index Machine, Weight capacity 10 to 200 kg, platform size 300x350mm, input power supply 230V +/- 10%, 50Hz, Single phase AC supply, battery back ups 4 hours. | Nos                | 1                    |  |

|             |              | Sect             | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Tr  | ainee              |                      |
|-------------|--------------|------------------|--|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment | Specification  | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 70          | Item 70      | Wheel Chair      | Nylon upholstery   | Nos                | 1                    |
| 71          | Item 71      | White board      | Mounted on stand Size:5'x4' Material of board Ceramic Steel, width of aluminium frame is 20 millimeter, Dimention of board in feet 2X3 or in mm 600 X 900.                                   | Nos                | 1                    |
| 72          | Item 72      | Writing pad      | 150 pg Size: A4 sizec<br>Spiral bound Material Plastic, size 380 X 224<br>mm,  | Nos                | 6                    |
| 73          | Item 73      | BedSheet         | Matirial: CottonSize: 36" x 80" Colour: Solid colour - Blue/ White/ Light Blue/ Green Material: Variety No-4; 100 % cotton; 145 gms per sq.m, Length and width 215 X 135 cm,                 | Nos                | 6                    |
| 74          | Item 74      | Walker           | Material Steel Weight Max 150 Kg<br>Min. Handle Height 32"<br>Max. Handle Height 39" Aluminium tubular<br>Frame, foldable walker, frame weight 3.1 to 3.5<br>kg, Users maximum weight 113 kg | Nos                | 1                    |
| 75          | Item 75      | Cupboard         | Size: 6.5x3x1.5 Material: Steel Surface:Powder Coating material: M.S sheet conforming to commercial quality CR- 1,Grade 340, Door thickness 0.8 mm,  | Nos                | 1                    |
| 76          | Item 76      | Measuring Tape   | 1x 1.5 meter flexible measuring tape material flexible PVC, Tape weight 60 to 80 gram, Thickness 1 mm.   | Nos                | 1                    |

|             |              |                          | List of Tools and Equipment  |                    |                      |
|-------------|--------------|--------------------------|--|--------------------|----------------------|
|             |              | Sect                     | or: Healthcare; Job Role: General Duty Assistant Tr  | ainee              |                      |
| <u>S.No</u> | Item<br>Code | Tool & Equipment         | Specification  | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 77          | ltem 77      | Thermometre -<br>Digital | Oral, Prismatic type, Cylindrical bulb  Lens front, Dual scale  Measurement Range: 35-42°C & 94-108°F  Accuracy ± 0.1°C & ± 0.2°F  In plastic case. Electronic medical thermometer or Clinical digital thermometer, weight 10 gram   | Nos                | 4                    |
| 78          | Item 78      | Sand Bag                 | Filled Sandbag: Capacity: 15-20 kg<br>Material: Woven plastic/ jute  | Nos                | 2                    |
| 79          | Item 79      | Measuring Glass          | Material: PlastcCapacity:50 ml   | Nos                | 2                    |
| 80          | Item 80      | Syringe 50 Cc/Ml         | Material: Medical grade Transparent Polypropylene Consist of: Barrel, Plunger, Standard Piston In superior quality by high accurate molds. Assorted Sizes: Size: 2ml, 3ml, 5ml, 10ml, 20ml, 30ml, 50ml Material Polypropenle, Each cyringe Rs. 6, Sterile hypodermic syringe for single use with needle and stainless steel needls | Nos                | 10                   |
| 81          | Item 81      | Ryle'S Tube              | Material: Non toxic, non irritant PVC, distal end conned with corrosion resitant stainless steel marked at 50cm 60 cm & 70 cm from the tip for accurate placement  Length: 105 cms  Sizes: Fg: 8/10/12 Nasogastric feeding of nutrition and aspiration of interstitial secretion, Material Silicon coated PVC, length 120 cm.      | Nos                | 2                    |
| 82          | Item 82      | Vaccutainer              | Material: polyethylene terephthalate/ Polystyrene, Sterile Draw volume: 3-5 ml Peirceable/ Leak-proof cap Material Polycarbonate with plastic cap, capacity 2 centilitre   | Nos                | 5                    |
| 83          | Item 83      | Tourniquet               | Material: Latex-Free Thermo Plastic Elastomer. Thickness: 0.55 mm (0.021")/ 0.63 mm (0.024")/ 0.7 mm (0.027"), Length and Width: 3/4" X 29.52"(19 mm X 750 mm)/ 1.5" X 32"(38 mm X 812 mm)   | Nos                | 5                    |

|             |              | Sect  | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant T  | rainee             |                      |
|-------------|--------------|---|---|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment                                  | Specification   | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 84          | Item 84      | Crash Cart  | <ul> <li>Size: (760 L x 460 W x 860 H) cms</li> <li>Made in SS 304 grade 18g Stainless Steel         Sheet         <ul> <li>Two Shelves in Instrument Trolley</li> <li>Rod Railing fitting</li> </ul> </li> <li>04 Nos 5"x32mm Castor fitting. Material of Crash cart Console ABS Thermoplastic         <ul> <li>Number of Baskets in over bridge (Nos) 6</li> <li>Width of Trolley (mm) 800</li> <li>Height of Trolley (mm) 1100Depth of Trolley (mm) 700</li> </ul> </li> </ul>   | Nos                | 1                    |
| 85          | Item 85      | full body<br>manequinn                            | Designed to deliver comprehensive BLS training for professional rescuers Performance indicator providing immediate and objective feed back on key CPR elements to be delivered with caring case track suit directions for use and 50 Manikin Wipes  | Nos                | 1                    |
| 86          | Item 86      | Oxygen Cylinder<br>with Single Trolley<br>trolley | 1x Oxygen Trolley Trolley suitable for dimension of the oxygen cylinder Castors Diameter: 100 mmWidth: 12 inch Wheel Material: RubberMaterial: Stainless Steel 200 cuft cylinder capacity carriage 2x Oxygen Cylinder: Standard B Type with Connector, pressure guage,trolly, humidified and two additional keys with empty oxygen celinder. Material of construction :Aluminum - anti rust and light weight Capacity: 10 ltrs Valves for regulating oxygen supply Type of Trolley Sack Trolley Loading capacity (Minimum) (Kgs) 50 kilogram Weight of Trolley (Kgs) 4.5 kilogram | Set                | 1                    |
| 87          | Item 87      | Wet Wipes - Cloth                                 | Pack of 10.Hypoallergenic Ingredients And  Dermatologically Tested  | Pack<br>ets        | 10                   |

|             |              | Sect                         | List of Tools and Equipment or: Healthcare; Job Role: General Duty Assistant Tr  | ainee              |                      |
|-------------|--------------|------------------------------|--|--------------------|----------------------|
| <u>S.No</u> | Item<br>Code | Tool & Equipment             | Specification  | Unit<br>(Typ<br>e) | Per<br>school<br>qty |
| 88          | Item 88      | Smart board                  | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53or later,2.2 GHz or Higher OS- Android 11.0 or later Memory RAM- 8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer: Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool |                    | 1                    |
| 89          | Item 89      | Sphygmomanome<br>ter         | Included Components Sphygmomanometer,Free<br>Basic Stethoscope, Carrying Case, Calibration<br>Key<br>Power Source ManualUse for Arm<br>Display Type Analog   | Nos                | 1                    |
| 90          | Item 90      | Wall Mounted<br>Stadiometers | (2m/200cm) Stadiometer Height scale<br>stadiometer Wall Mounted Growth Stature<br>Meter Measure<br>Height Measuring Measurement Tape   | Nos                | 1                    |
| 91          | Item 91      | Weighing scale               | Machine For Body WeightDisplay Type LCD  | Nos                | 1                    |

## **Beauty:**

|            |                                  | Tools & Equipment Li Sector: Beauty & Wellness; Job Role:   |           | ıpist          |
|------------|----------------------------------|---|-----------|----------------|
| Sr.<br>No. | Tools and Equipment              | Specification   | Unit Type | Per school qty |
| 1          | After shave lotion               | 100ml bottle medium Anticeptic lotion,<br>1000 ml   | Nos       | 2              |
| 2          | Anti-aging cream                 | 50grm small size  | Nos       | 4              |
| 3          | Orange stick                     | Orange wood stickBundle of 10 Product Dimensions: 17.8 x 0.5 x 0.5 cm; Weight: 127 g  | Nos       | 5              |
| 4          | Anti-bacterial soap or face wash | 50gms small size Weight of Soap (Gms)75<br>gram, Packing Material PAPER Number of<br>Soaps in a Pack (Nos) 1                                      | Nos       | 4              |
| 5          | Make-up Applicator               | Sponge applicator for make - Product<br>Dimensions: 16 x 8 x 5 cm ; 249 g   | Nos       | 4              |
| 6          | Apron                            | normal standerd size /white plastic /white teflon -Size: 33" X 23" MaterialCotton, easy washable  | Nos       | 15             |
| 7          | Astringent Can                   | 500ml   | Nos       | 5              |
|            | Ayurvedic oil for massage        | Ingredients: Herbs extract, Almond oil, Jojobaoil, Coconut oil, Sesame oil, Castor oil, and Neem oil.  Shelf life: Best before 24 months from the | Nos       | 5              |
| 8          |                                  | date of manufacture.  |           |                |
| 9          | Blackhead remover                | Material: Stainless Steel • Size: 12 x 0.3cm/4.7" x 0.118"(L*Diameter) • Color: Silver Tone; Weight: 8g   | Nos       | 10             |
| 10         | Blade                            | Stainless steel stainless steel   | Nos       | 15             |
| 11         | Blow dryer                       | 1200watts 230volts 50 hz heavy dutyhard fiber plastic with heavy roratarymotor high speed   | Nos       | 3              |
| 12         | Boiler to heat the water         | One litre capacity - 300-Watt Electric<br>Heating Jug stainless steel, weight 2 kg,<br>thickness 50 mm, capacity 03 litre                         | Nos       | 2              |

|     |  | Tools & Equipment L  |           |                |
|-----|--|--|-----------|----------------|
| Sr. |  | Sector: Beauty & Wellness; Job Role  |           |                |
| No. | Tools and Equipment                                    | Specification  | Unit Type | Per school qty |
| 13  | Mixing bowls   | Hard plastic Mixing Bowls measuringx 11" diameter with 4.75Qt capacity, 10" diameter with 3.4Qt capacity x2, 8.5" diameter with 1.75Qt capacity x 2 Shape Round Bowl Artistic design Pattern, Logo Without Colour Multi Material of the Bowls Melamine Plastic Length of Bowl (mm) 90 Width of Bowl (mm) 85Height of Bowl (mm) 45 Capacity of Bowl (ml) 75 | Nos       | 10             |
| 14  | Brush for mixing and application of skin care products | Soft bristle brushes   | Nos       | 10             |
| 15  | Buffer   | Product Name: 4 Way Nail File  • Material: Sponge Color:Black,Purple,orange random  • Size: 9.5 x 3.5 x 2.5 cm/3.7" x 1.4" x 1"(L*W*T)   | Nos       | 10             |
| 16  | Cleaning cloth   | big xxxl 48"x36" cloth ,any color/ smooth fabric Cotton  | Nos       | 20             |
| 17  | Clippers   |  | Nos       | 20             |
| 18  | Cloth strips   | 110GSM cloth<br>80-85 Waxing Strips per packet   | Nos       | 20             |
| 19  | Cold wax   | 700gm  | Nos       | 5              |
| 20  | Styling Combs  | 1 x Metal tail comb 1 x Barbers Hair comb 1 x Wide tooth Hair comb 1 x Metal prong lift Hair comb1 x nonmetal prong lift comb 1 x de-tangling rake twin tail Hair comb1 x de-tangling basin comb 2 x tail combs Paddle hair brush, Material plastic  | Nos       | 20             |
| 21  | Hair Conditioner                                       | 300gms medium size   | Nos       | 10             |
| 22  | Cotton Roll/ Balls                                     | 250 gm roll Thickness 12 mm, width 25 mm, weight 200 gram  | Nos       | 20             |
| 23  | Moisturising HerbalCream                               | 250 ml Jar   | Nos       | 10             |

| Tools & Equipment List Sector: Beauty & Wellness; Job Role: Beauty Therap |                           |   |           |                |
|---|---------------------------|---|-----------|----------------|
| Sr.<br>No.  | Tools and Equipment       | Specification   | Unit Type | Per school qty |
| 24  | Manicure Pedicure Toolset | 1x fingernail cutter 2.6 x 0.6 x 0.5 inches1x small cuticle scissors 1x Nail file 1x1 Singled-edged Double Side Stick Material: Stainless Steel 1x Tool Case        | Nos       | 10             |
| 25  | Cuticle softener          | 100gm   | Nos       | 10             |
| 26  | Diamond facial cream      | 250 ml  | Nos       | 5              |
| 27  | Hair Colour               | Pack to include colourant tube 50g,<br>developer bottle 50ml<br>-standards: IS 8481 - 2005 (R2016)  | Nos       | 5              |
| 28  | Eye brush                 | Eye Brush For Makeup   Eye Smudger<br>Brush with Natural Bristles   Wooden<br>Handle, BrassAccents - Silver   | Nos       | 5              |
| 29  | Eye liner                 | Water resistant Liquid Eyeliner with<br>Applicator - 10 ml per bottle Standards: IS<br>15154:2002   | Nos       | 10             |
| 30  | Eye shadow Pallette       | Three shades: light, medium and darktone of 2 gms each  | Nos       | 5              |
| 31  | COMB                      | any Plastic   | Nos       | 10             |
| 32  | Eyebrow pencils           | small   | Nos       | 10             |
| 33  | Eyelash glue              | 10gms small   | Nos       | 10             |
| 34  | Face cleanser             | 500gms medium   | Nos       | 15             |
| 35  | Face massager             | small size  | Nos       | 5              |
| 36  | Face moisturizer          | small 500ml   | Nos       | 10             |
| 37  | Face powder               | 100gms meduim size Talcum powder, 200 gram  | Nos       | 10             |
| 38  | Face scrub                | 500gms bigsize Walnut facial scrub, Use for protection of troops from cold injuries (Frost bite) and burns wounds, ulcers, cracking and chapping of skin, 1000 gram | Nos       | 10             |
| 39  | Face toner                | 50ml small size   | Nos       | 5              |
| 40  | Facial mask               | 50gms small size  | Nos       | 10             |
| 41  | Facial vaporizer/steamer  | any brand plastic /metal. With Normal and ozone facility Material Medical gradePoly propylene, appropriate tidal volume150 ml to 1000 ml                            | Nos       | 5              |
| 42  | Fairness Bleach           | 200gms medium size  | Nos       | 5              |
| 43  | Feet scraper              | normal standerdsize metal   | Nos       | 10             |
| 44  | Finger separator          | 4" inch foam  | Nos       | 10             |

|            |                                   | Tools & Equipment Li<br>Sector: Beauty & Wellness; Job Role:   |           | pist           |
|------------|-----------------------------------|--|-----------|----------------|
| Sr.<br>No. | Tools and Equipment               | Specification  | Unit Type | Per school qty |
| 45         | Floor mat                         | 3mm mat with design of prevente colursto attract to see of size 6ftx6ft Material Polyurethane foam, Overall size in mm 600+/-10x1500+/-10.   | Nos       | 5              |
| 46         | Foil paper                        | 5miters  | Nos       | 20             |
| 47         | Foot cleanser                     | 300gm,s medium size  | Nos       | 10             |
| 48         | Eucalyptus oil                    | 50ml   | Nos       | 4              |
| 49         | Foot moisturizer                  | 500gms large size  | Nos       | 5              |
| 50         | Foot scrub                        | 300gm,s medium size Material Plastic, round shape, weight 5 gram   | Nos       | 10             |
| 51         | Foot steamer andmassager          | very hard plastic with water bubbling and foot massage along with vibrate to relief foot with water heating system 230v/50hz/2500w Number of Massage heads provided 18 ( 3 x 3 per foot area) On/off heat function Yes Speed options for massage 2 | Nos       | 10             |
| 52         | Foundation                        | consisting 4 colors  | Nos       | 10             |
| 53         | Hair brush                        | any  | Nos       | 20             |
| 54         | Hair brush Set                    | Professional Blowdrying & Styling Extra<br>Small Brush   | Nos       | 5              |
| 55         | Hair clips                        | normal standerdsize metal / plastic  | Nos       | 25             |
| 56         | Hair cutting scissors             | 5 inch plastic /metal  | Nos       | 10             |
| 57         | Hair cutting scissors set         | 5 inch plastic /metal  | Nos       | 10             |
| 58         | Hair Extensions                   | 24" inches black color hair  | Nos       | 25             |
| 59         | Hair sectioning clips (crocodile) | Crocodile Hair Styling Sectioning Clips<br>Clamps Salon Hairdressing Tool  | Nos       | 10             |
| 60         | Hair Serum                        | 120ml medium size  | Nos       | 10             |
| 61         | Hair spray                        | big size   | Nos       | 5              |
| 62         | Hair straightener                 | heavy duty ceramic plates which can heat within 5 seconds to improve hair straightnity with outer coating of black polishing 240v/50hz/2000w variable heating controller   | Nos       | 5              |
| 63         | Hand cleanser                     | big size Hand sanitizer, Ethanol +<br>Chlorhexidine, 100 ml  | Nos       | 10             |
| 64         | Hand massager                     | small size   | Nos       | 5              |
| 65         | Hand mirror                       | Hand hold hair dressing salon mirror<br>Overall Width (mm) 357<br>Overall Height (mm) 543Mirror Thickness<br>(mm) 3  | Nos       | 10             |
| 66         | Hand moisturizer                  | 500ml meidum size Ethanol +<br>Chlorhexidine, 500ml  | Nos       | 10             |

|            |                                 | st<br>Beauty Thera   | apist     |                |
|------------|---------------------------------|--|-----------|----------------|
| Sr.<br>No. | Tools and Equipment             | Specification  | Unit Type | Per school qty |
| 67         | Hand SANITISER                  | 30ml small size Bottle with Push Pump,250 ml,  | Nos       | 10             |
| 68         | Hand scrub                      | 1/2 kg big size Material Plastic, round shape, weight 5 gram   | Nos       | 10             |
| 69         | Head band                       | 10" x2" inches cotton cloth any color  | Nos       | 10             |
| 70         | Galvanic massager               | heavy plastic moulding quality with skin<br>analyser to improve an cleanses pores an<br>variable galvanic roll to improve skin<br>elasticity power is variable   | Nos       | 3              |
| 71         | Gels/serums for galvanic facial | 5ml small size   | Nos       | 10             |
| 72         | Glue or cello tape              | normal standerdsize Net content of the stick (Grams) 25 gram Shelf life 24 month   | Nos       | 10             |
| 73         | Head massage cream              | aroma ingredients which improves hair strength with precious herbals to hair growth and removes dandruff and hair fall control with 1000gm weight  | Nos       | 5              |
| 74         | Head steamer                    | with normal and ozone facility withhooder plastic  | Nos       | 3              |
| 75         | Henna                           | big size packet  | Nos       | 15             |
| 76         | Lip gloss                       | consisting 10 colors   | Nos       | 20             |
| 77         | Lip liner pencil                | consisting 10 colors   | Nos       | 20             |
| 78         | Lipstick                        | consisting 10 colors Packing Size (gm) 2<br>Shelf Life (years) 1   | Nos       | 20             |
| 79         | Loofa                           | normal standerdsize wooden   | Nos       | 10             |
| 80         | Lotion                          | Lotion has both emollients and humectants asmoisturizing ingredients. It also contains vitamin E and essential fatty acids, which keep skin hydrated and protect natural skin barrier.                         | Nos       | 10             |
| 81         | Make up tray                    | 10gms small  | Nos       | 5              |
| 82         | Makeup Box                      | Cosmetic makeup vanity box   | Nos       | 2              |
| 83         | Makeup brush set                | any  | Nos       | 5              |
| 84         | Makeup brushes kit              | any  | Nos       | 5              |
| 85         | Make-up eye color shades        | 6 colors   | Nos       | 5              |
| 86         | Manicure table                  | normal standard size 24"X25"inch leather<br>&metal   | Nos       | 3              |
| 87         | Manicurist's chair or stool     | normal standard size 12"x12" inch leather<br>& metal Revolving Stool 5 Legged<br>(Cushioned Top), Material of Top: Stainless<br>Steel, Adjustable Height Yes Normal Height<br>(mm) 450<br>Min. Height (mm) 450 | Nos       | 3              |

| Tools & Equipment List Sector: Beauty & Wellness; Job Role: Beauty Therapist |                                     |  |           |                |
|--|-------------------------------------|--|-----------|----------------|
| Sr.<br>No.   | Tools and Equipment                 | Specification  | Unit Type | Per school qty |
| 88   | maskara                             | medium size  | Nos       | 20             |
| 89   | Scissors                            | big size Blade Length (mm) 60 millimeter<br>Overall Length (mm) 155<br>Blade Thickness (mm) 2.1  | Nos       | 20             |
| 90   | Mirror Front                        | Framed wall mounted rectangular mirror 24"X36"   | Nos       | 2              |
| 91   | Mirror Rear                         | Framed wall mounted rectangular mirror 24"X36"   | Nos       | 2              |
| 92   | Moisturizer for all skin types      | big size   | Nos       | 10             |
| 93   | Nail art detail brush               | any  | Nos       | 10             |
| 94   | Nail paints of different colors     | consisting 10 colors   | Nos       | 20             |
| 95   | nail polish                         | consisting 10 colors   | Nos       | 20             |
| 96   | Massage oil                         | 5types Stypes  | Nos       | 10             |
| 97   | massage table                       | normal standard size 67"X31"X24" inch<br>leather &metal  | Nos       | 1              |
| 98   | Mineral make up kit                 | small size   | Nos       | 5              |
| 99   | Mirror large size                   | standard modyguard mirror of 8mm thickness absolute quality of size 12inchx 12 inch rectangular shape Overall Width (mm) 609.6 Overall Height (mm) 914.4 Mirror Thickness (mm) 6 | Nos       | 3              |
| 100  | nail polish remover                 | big size   | Nos       | 10             |
| 101  | Nail art flat brush                 | any  | Nos       | 10             |
| 102  | Nail art striper brush              | any  | Nos       | 10             |
| 103  | Nail clippers                       | 4 inch foam  | Nos       | 10             |
| 104  | Oil                                 | consisting 5 types   | Nos       | 10             |
| 105  | Nail varnish                        | transparent  | Nos       | 10             |
| 106  | Paraffin wax                        | one big size 12"x6" inch plastic& metal<br>Weight of Wax Block (gram) 800<br>Soft and pure YES<br>Melting point of paraffin wax (Degree<br>Celsius) 54                           | Nos       | 10             |
| 107  | infra - Metal Pedicure Foot<br>File | Metal Pedicure Foot File   | Nos       | 10             |
| 108  | Pedicure table                      | normal standerd size 36"x36" inch leather & metal  | Nos       | 5              |
| 109  | PERMING IRON                        | normal standerd size metal   | Nos       | 4              |
| 110  | Pumic stone                         | small / medium//big sizes stones   | Nos       | 10             |
| 111  | Razor                               | metal  | Nos       | 20             |
| 112  | Rollers                             | medium & big size plastic& metal   | Nos       | 10             |

|            |                                  | Tools & Equipment Li<br>Sector: Beauty & Wellness; Job Role:  |           | pist           |
|------------|----------------------------------|---|-----------|----------------|
| Sr.<br>No. | Tools and Equipment              | Specification   | Unit Type | Per school qty |
| 113        | Room Decoration charts           | 12"x10" inches subject realated   | Nos       | 1              |
| 114        | Rouge                            | consisting 4 colors   | Nos       | 10             |
| 115        | Rubber bands                     | any Size (Nos) 12Length (mm) 32 Width(minimum) (mm) 1.5 Thickness (minimum) (mm) 0.8 Packaging Pouches  | Nos       | 50             |
| 116        | Shampoo station                  | According to market demand 46"x23"x39" inch fibre &lether   | Nos       | 1              |
| 117        | Salon chair /<br>Multifunctional | standard size 48inch height and 24 inch width along with heavy steel material as base with bearable weight of 200kg chair weight 50kg with looking colourful leather &metal seat width ±10mm 450 millimeter seat depth ±10mm 440mm Seat thickness(including cushion)±10mm 130mm | Nos       | 1              |
| 118        | roller                           | 5 inch plastic /metal   | Nos       | 10             |
| 119        | shampoo                          | big size Packing material plasticcontainers If any other pls specify NA Packing size (in ml) 200  | Nos       | 10             |
| 120        | Shaving brush                    | any NA  | Nos       | 10             |
| 121        | Shaving cream                    | medium size Type Cream Packing Size (type gram (unit) for cream and ml (unit) for spray and lotion) 125 GRAM  | Nos       | 10             |
| 122        | Small Scissors                   | 3 inch pastic/ metal Blade Length (mm)<br>9.98 millimeter<br>Overall Length (mm) 121Blade Thickness<br>(mm) 2   | Nos       | 10             |
| 123        | Soap or shampoo                  | big size Weight of Soap Bar (gms) 20gram,<br>Dettol   | Nos       | 20             |
| 124        | Spatula                          | Spatula medium size   | Nos       | 10             |
| 125        | Spoon                            | normal standerd size plastic Tea Spoon<br>(Small), Stainless Steel  | Nos       | 10             |
| 126        | Stones for manicure              | small / medium//big sizes stones  | Nos       | 10             |
| 127        | Stones for pedicure              | small / medium//big sizes stones  | Nos       | 10             |
| 128        | Waxing cum massage Bed           | normal standard size 67"X31"X24" inch<br>leather &metal   | Nos       | 1              |
| 129        | Sugar 1 KG                       | big   | Nos       | 5              |
| 130        | Steel Scraper                    | normal standerd size plastic  | Nos       | 3              |

|            |                       | Tools & Equipment Li<br>Sector: Beauty & Wellness; Job Role:  |           | nist           |
|------------|-----------------------|---|-----------|----------------|
| Sr.<br>No. | Tools and Equipment   | Specification   | Unit Type | Per school qty |
| 131        | Thread                | 100 meters  | Nos       | 20             |
| 132        | Threading powder      | 300gms medium size  | Nos       | 20             |
| 133        | Threading scissor     | normal standerd size plastic  | Nos       | 5              |
| 134        | Toner for skin types  | 100ml bottle meidum   | Nos       | 10             |
| 135        | Towel, Cleaning cloth | big xxxl 48"x36" cloth ,white color/<br>smooth fabric Hand towel, Size ( Lenght X<br>Width ) (cm X cm) 60 X 40  | Nos       | 5              |
| 136        | Wash Basin            | 15"x15" inch leather & metal  | Nos       | 1              |
| 137        | Water spray           | normal standerd size plastic  | Nos       | 10             |
| 138        | Wax Heating Pot       | Type: Oil & Wax heater, Material: Plastic,<br>Thermostat: Yes, Height: 10 cm, Width: 24<br>cm, Depth: 10 cm, Diana Active Automatic<br>Wax Heater, ( Color May Vary), Auto Cut-<br>Off, Capacity- 0.03 kg   | Nos       | 2              |
| 139        | Waxing Machine        | suitable for hair removing and skin caring: paraffin care on face, hand, foot and body; 500ccvoltage: EU plug, 220V; 18x15cms appx; package contains: 1 pcs wax machine (wax not included), 1 bag Depilatory wax beans, 50 pcs wooden stick.  | Nos       | 5              |
| 140        | Hair Crimpers         | Material - Teflon, Cord Length - 1.8 Meter,<br>Coating - Ceramic, Length - 10<br>Inch,  | Nos       | 5              |
| 141        | Curling Iron          | Frequency: 50 Hz, Usage: Beauty Salon,<br>Voltage: 110-220vac   | Nos       | 3              |
| 142        | Hair Connector        | Material: Metal + plastic,<br>Frequency:57KHz, Max Power:25W,   | Nos       | 5              |
| 143        | Magnifying Glass      | Weight (g)Size/diameter of lens (mm): 80, Color: Red/ Blue, Lens material- Acrylic (PMMA) lens, Size (LxWxH)(mm)-230x91x17, Weight (g)- 108 Type of Lens Plane Lens Magnification 3 x Builtin Light Source No Working Distance 6 millimeterHandle Provision with handle Aperture (in mm) 50mm Focal Length (in mm) 30 millimeter Material of lens Glass | Nos       | 4              |
| 144        | Roller pins           | Material: Plastic, Size of Each Pin : 6.3 cm,<br>Colours : White  | Nos       | 50             |

| Tools & Equipment |                     |  |           |                |
|-------------------|---------------------|--|-----------|----------------|
| Sr.               | Tools and Equipment | Sector: Beauty & Wellness; Job Role Specification  | Unit Type | Per school qty |
| <b>No.</b>        | Small Stools        | Plastic Base Salon Round Stool, Type: Salon & Spa Chairs, Height: adjustable by gas lift: Lifting Capacity: 100kg, Weight: 5kg, Height ranges(CM): 48- 56,Widths(CM): 35, Length(CM): 35 Mode of supply Assembled ready to use Style of Stools Supported by set of Legs Design of Stool With four legs only Approval of Advance sample (in respect of design) Yes Stools stand a load of 100 Kg  | Nos       | 20             |
| 146               | Smart Borad         | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness- 400 nits or Higher: Touchscreen: Touch technology & Touch Points- Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 msor faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53 or later, 2.2 GHz or Higher OS- Android 11.0 or later Memory RAM-8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker &1 x 16 W Subwoofer: Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool | Nos       | 1              |

|            | Tools & Equipment List Sector: Beauty & Wellness; Job Role: Beauty Therapist |   |           |                |  |
|------------|--|---|-----------|----------------|--|
| Sr.<br>No. | Tools and Equipment  | Specification   | Unit Type | Per school qty |  |
| 147        | Dustbin  | Stainless Steel Zero to Infinity Stainless<br>Steel Perforated Round Dustbin for Dry<br>Waste (Medium 7"X12"inch, Silver) |           | 1              |  |

## Apparel:

|           | ls and Equi<br>: Apparel, I |   | rnishing; Job Role : Sewing Machine Operator   |             |                      |
|-----------|-----------------------------|---|--|-------------|----------------------|
| S.<br>No. | Item<br>Code                | Tools & Equipment   | Specification  | Unit (type) | Per<br>school<br>qty |
| 1         | Apparel<br>Item 1           | Single needle lock<br>stitch machine (SNLS)<br>with needleguard | Maximum speed: 5500 SPM, Maximum stitch length: 5 mm, Presser bar lift by knee: 5.5/13 mm, Needle Bar Stroke 37.2 mm, Programmable sewing speed, Push button for half stitch function, Copper winding motor, LED type needle light, Auto lubrication, Needle position (Up/Down), Onestep automatic program feature, Equipped with safety features like – motor pulley cover, finger guard and take up lever guard, Broader reverse lever for better grip, Touch panel for ease of use. | Nos         | 10                   |
| 2         | Apparel<br>Item 2           | Specialized industrial sewingmachines                           | Snap on pressure foot, Flatbed zig zag machine, 9 stitch functions, Single touch reverse stitch, Auto tripping bobbin winder, Body construction- Flatbed, 2 dials for pattern selector & stitch length control, Open type shuttle, Maximum zig-zag width-5mm, Maximum stitch length- 4 mm, machine should be properly fitted within stand and table  | Nos         | 5                    |
| 3         | Apparel<br>Item 3           | Over Lock Machineset  | Maximum Machine speed 6500 SPM(vary operation wise) Stitch can be made using 2,3,4,5 or 6threads, depending on the no Stitch length 2 to 4 mm. Stitching type-Overlock stitch. The used feed is Deferential feed.Oil lubrication system- Automatic.  | 1           | 1                    |

|           | ls and Equi        |  | nishing; Job Role : Sewing Machine Operator   |             |                      |
|-----------|--------------------|--|---|-------------|----------------------|
| S.<br>No. | Item<br>Code       | Tools & Equipment                                | Specification   | Unit (type) | Per<br>school<br>qty |
| 4         | Apparel<br>Item 4  | Sewing Machine<br>Accessories and<br>Attachments |   | Kits        | 10                   |
| 5         | Apparel<br>Item 5  | Printer  | LaserJet multifunction printer - Printer, Copier, Scanner Interpolated scanning resolution-19200 x 19200 dpi Optical scanning resolution-600 x 1200dpi Compatible with operating system: Windows: XP/Vista/7/8, MAC, LinuxWith a USB port | Nos         | 1                    |
| 6         | Apparel<br>Item 6  | Shears (8-10" Iron Blade for Cutting Fabric)     | Tailoring scissors of minimum 9.5inch made up of stainless steel for cutting afabric.   | Nos         | 15                   |
| 7         | Apparel<br>Item 7  | Paper, Scissors                                  | Plastic handled stainless steel scissor for cutting paper Size - 6inch.   | Nos         | 15                   |
| 8         | Apparel<br>Item 8  | Seam Ripper                                      | Handy seam ripper with plastic cover, used for opening stitches for sewing andcraft works, Length: Large Size(LxW):30 x 5 mm, Small Size(LxW): 60 x 5 mm, Handle Length (in mm): 35, 98   | Nos         | 15                   |
| 9         | Apparel<br>Item 9  | Tracing wheel                                    | Tracing wheel with minimum length:-15.2cm, and wheel gear diameter:-2.2cm.  | Nos         | 15                   |
| 10        | Apparel<br>Item 10 | Tailor's Chalk                                   | Extra smooth tailoring, sewing markers with fashion designing triangle scales, setof 15 dust free tailoring chalks  | Nos         | 10                   |
| 11        | Apparel<br>Item 11 | Craft Cutter                                     | Metal craft cutters/nippers with plastichandle for multi use cutting threads,paper,crafts   | Nos         | 15                   |
| 12        | Apparel<br>Item 12 | Safety Pins                                      | Steel safety pins of medium (3.5cm) and large sizes (5.5cm)   | Box         | 10                   |
| 13        | Apparel<br>Item 13 | Dress Maker's Pin                                | All pins with pointed needle with length 2.5 cm X diameter 0.5 mm   | Вох         | 10                   |
| 14        | Apparel<br>Item 14 | Scale  | Metallic scale of sizes 6" & 12"  | Nos         | 10                   |

|           | ls and Equi        |   | nishing; Job Role : Sewing Machine Operator   |             |                      |
|-----------|--------------------|---|---|-------------|----------------------|
| S.<br>No. | Item<br>Code       | Tools & Equipment   | Specification   | Unit (type) | Per<br>school<br>qty |
| 15        | Apparel<br>Item 15 | Measuring Tape  | PVC measuring tape of 7.5 m and 0.5" width  | Nos         | 10                   |
| 16        | Apparel<br>Item 16 | Bobbin and bobbincase for industrial machine  | Steel bobbin and bobbin case, Material:<br>Stainless Steel, Dimension(lxbkxh) in cm:<br>4x3.5x1.3   | Nos         | 30                   |
| 17        | Apparel<br>Item 17 | Hand needles  | Assorted hand sewing needles for embroidery and mending, Standard size, Material:  Stainless Steel, Finish: Polished, Rust Proof, Dimension(lxb) in cm: 5x0.26  Sewing machine needle with one pack             |             | 30                   |
| 18        | Apparel<br>Item 18 | Machine needles containing minimum 20 needle, Standardsize, Size: 9, 11, 14, 16, 18;  |   | Nos         | 30                   |
| 19        | Apparel<br>Item 19 | Needle Threader  Steel needle threader, Size: approx. 6.7 x 2.2 x 0.6 cm  |   | Nos         | 30                   |
| 20        | Apparel<br>Item 20 | Dress Form (Various<br>Sizes of Male / Female<br>/ Kids)  | Material - Foam with Plastic Dress Form<br>Women's-Medium -1Dress Form Men's<br>Medium - 1  | Kits/ Set   | 1                    |
| 21        | Apparel<br>Item 21 | Threads   | 180 mts polyester thread used in hand & machine work (set of 100)   | Set         | 3                    |
| 22        | Apparel<br>Item 22 | 1 machine work (set of 100)  Gown Non Oven 1 N95 Facemask 1 headcap Personal protective Non Oven 1 Disposable gloves (CIPET equipment (Nose Certified) 1 Shoe cover knee length 1 Waste |   | Nos         | 10                   |
| 23        | Apparel<br>Item 23 | Cutting Table   | Pre-laminated folding type board of measurement- 8'(L)x 6' (W) x 3'(H)  | Nos         | 2                    |
| 24        | Apparel<br>Item 24 | Students Sewingstools   | Sewing machine table made up ofstainless steel.   | Nos         | 10                   |
| 25        | Apparel<br>Item 25 | First aid box   | Large household multi-layer first aid kit<br>multifunctional medicine box comprisingof<br>first-aid bandage, small scissors, tweezers or a<br>cotton swab, ointment,<br>and other basic over the counter drugs. | Nos         | 1                    |

|           | ls and Equi        |                              | rnishing; Job Role : Sewing Machine Operator   |             |                      |
|-----------|--------------------|------------------------------|--|-------------|----------------------|
| S.<br>No. | Item<br>Code       | Tools & Equipment            | Specification  | Unit (type) | Per<br>school<br>qty |
| 26        | Apparel<br>Item 26 | Dustbin                      | Stainless steel plain pedal dustbin-1Big plastic garbage bin- 1  | Nos         | 2                    |
| 27        | Apparel<br>Item 27 | Pouches for Storing<br>Items | Clear transparent zip lock bags with write on panels - Large, medium and small size-200x300mm, 250x350mm,300x400mm (For storing threads, garments, needles etc)  | Nos         | 10                   |
| 28        | Apparel<br>Item 28 | White Board and accessories  | Dry erasable white board (4'x6'), along with white board marker, and magneticwhite board eraser  | Nos         | 1                    |
| 29        | Apparel<br>Item 29 | Machine Oil                  | 200ml bottle of sewing machinelubricant oil.   | Nos         | 15                   |
| 30        | Apparel<br>Item 30 | Stationary                   | Pencil (HB) Files and Folders Carbon Paper ( Various Colors)Labels and Stickers  | Nos         | 30                   |
| 31        | Apparel<br>Item 31 | Documents/Charts             | Tech Pack/ Specification SheetSize Chart Trim Card Seam samples of different fabricBuyer's comment Sheet Operation Bulletin Company Quality Standards Handbook/ Guidelines ts/Charts Fabric Worksheet Style Confirmation sheet Fabric consumption Chart Fabric Requirement sheet (FRS) Trims Requirement sheet         |             | 15                   |
| 32        | Apparel<br>Item 32 | Pressing Table               | MATERIAL: metal frame + wooden panel + cotton cloth cover (high temperature resistance, anti-aging) FEATURES: Retractable iron rest frame, non-slip soft rubber feet, removable andwashable cloth cover  Height Adjustment, Foldable, save spacewhen not in use, Safe packaging to prevent damage during transporation | Nos         | 7                    |

|           | ls and Equi<br>: Apparel, I |  | rnishing; Job Role : Sewing Machine Operator   |             |                      |
|-----------|-----------------------------|--|--|-------------|----------------------|
| S.<br>No. | Item<br>Code                | Tools & Equipment  | Specification  | Unit (type) | Per<br>school<br>qty |
|           |                             |  | IRONING SURFACE: 48"x16"(length x width in inches)   |             |                      |
| 33        | Apparel<br>Item 33          | Iron/Press - Steam<br>Press  | Steam Iron 360° Swivel Cord 5 Modes Non-stick Teflon Coated SoleplatePower: 800 Watts 12 Months Warranty | Nos         | 7                    |
| 34        | Apparel<br>Item 34          | Design Patterns<br>template (Quantiity<br>and variety may<br>vary) | Design Patterns template sample  | Nos         | 15                   |
| 35        | Apparel<br>Item 35          | Machine Folders with Attachments                                   | 10mm, Single needle lock stich machine,<br>Needle plate feetdog presssure fote                           | Nos         | 5                    |

| S.<br>No. | Item<br>Code       | Tools & Equipment | Specification  | Unit (type) | Per<br>school<br>qty |
|-----------|--------------------|-------------------|--|-------------|----------------------|
| 36        | Apparel<br>Item 36 | Sewing Caskate    | reel: 180 mts polyester thread used in hand & machine work, multicolour. bobbin: Bobbin Height: 7/16" (12mm) /Bobbin Diameter: 13/16" (21mm)  Top and bottom are flat. Metal bobbinsmust be used in models that come withthis style. needle: Assorted hand sewing needlesfor embroidery and mending sharp tip. Hard steel. Clear & large eyefor thread.  small tensile: the extension remaining after a specimen has been stretched andallowed to retract in a specified manner, expressed as a percentage of the originallength.  Pincushion: small, stuffed cushion, , which is used in sewing to store pins or needles with their heads protruding to take hold of them easily, collect them, and keep them organized. Material: Cotton. Pincushion Diameter: Approx. 7.8cm / 3.07inch. Iron Case Diameter: Approx. 7.3cm / 2.87inch.  Total Height: Approx. 8cm / 3.15inch. Made up of hardsteel material & easy to cut any type of cloth.  Thread cutting blade - Made up of steel material & have fine edges to cut cloth & thread. It is very convenient to handle & small in size. Should be in "U" shape.  Weight - Light weight.  Tailor's tape - Ultra Flexible that mold easily to the body. Have accurate & strong both imperial & metric (inches &centimetres) impressions on it.  X'Tailor's Chalk - Dimensions - 4*5*4 cm, weight 20 grams. shape - triangle. material - non dusty. wax-based and clay-based. used for temporary markingon cloth for measurements. marking of chalk should be erased easily. | Nos         |                      |

|           | ols and Equi<br>r: Apparel, I |                   | rnishing; Job Role : Sewing Machine Operator   |             |                      |
|-----------|-------------------------------|-------------------|--|-------------|----------------------|
| S.<br>No. | Item<br>Code                  | Tools & Equipment | Specification  | Unit (type) | Per<br>school<br>qty |
|           |                               |                   | mask 3 ply - Material - spun bond non oven. original melt blown filter weight-2.4135 grams to 3.22 grams. gsm - 55 gsm. size - 176 mm +- 1mm tolerance *95 mm. |             |                      |

| S.<br>No. | Item<br>Code       | Tools & Equipment             | Specification   | Unit (type) | Per<br>school<br>qty |
|-----------|--------------------|-------------------------------|---|-------------|----------------------|
| 37        | Apparel<br>Item 37 | Automatic Thread<br>Indicator | Device help designer/ tailor to smartlyfind the particular color thread as per requirement. Yes moisture resistance body smoothly operating between temperature – °C10 to 70 Threads with LED indicator and colorsensor, sufficient to store – nos 50 Length - mm 30 Width - mm 30 Height – mm 15 Power Rating – watt 5DC Voltage – volt 12 Current – mA 10 Material - PVC Plasticweight – grams 150  | Nos         |                      |
| 38        | Apparel<br>Item 38 | Smart board                   | Panel: Diagonal Size & Resolution-65" or Higher,UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-coreA53 or later,2.2 GHz or Higher OS- Android 11.0 or later Memory RAM-8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 × HDMI 2.0 IN & 1 × HDMI 2.0,Out port, 1 x DP, USB 2.0 × 2 + 3.0 × 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 × 16 W Speaker & 1 x 16 W Subwoofer: Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, | Nos         |                      |

|           | Tools and Equipment List Sector: Apparel, Made-up's and Home Furnishing; Job Role: Sewing Machine Operator |                   |   |             |                      |  |  |  |  |
|-----------|--|-------------------|---|-------------|----------------------|--|--|--|--|
| S.<br>No. | Item<br>Code   | Tools & Equipment | Specification   | Unit (type) | Per<br>school<br>qty |  |  |  |  |
|           |  |                   | Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool |             |                      |  |  |  |  |

## Multi Skill Foundation Course (MSFC):

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t | Tool Name<br>in Marathi    | Tool<br>Name<br>in<br>Hindi | Specification                             | Brand/<br>Company      | Unit         | Qt<br>y. |
|------------|--------------------|-----------------------------------|----------------------------|-----------------------------|---|------------------------|--------------|----------|
|            |                    |                                   |                            | Mea                         | suring Equipme                            | nts                    |              |          |
| 1          | WET1               | Steel<br>Ruler                    | पोलादी<br>(स्टील)<br>पट्टी |                             | 150 mm,<br>300mm ,1<br>mtr                |                        | No /<br>Each | 2        |
| 2          | WET 2              | Measuring<br>Tape                 | मीटर टेप                   |                             | 3 and 5<br>Meter                          |                        | No /<br>Each | 2        |
| 3          | WET3               | Spirit<br>Level<br>Bottle         | स्स्परीट<br>लेव्हल         |                             | 0.01 -<br>0.05mm/met<br>er                |                        | No /<br>Each | 1        |
| 4          | WET4               | Vernier<br>Caliper                | व्हर्नी अरके<br>वार        |                             | 150mm (LC/0.0<br>200mm (LC/0.0            | <u>-</u>               | No /<br>Each | 1        |
| 5          | WET<br>4.1         | Vernier<br>Caliper-<br>Digital    | व्हर्नीअरके<br>वार         | Page 1(                     | 150mm<br>(LC/0.02mm)<br>&<br><b>34</b> of | Zhart or<br>equivalent | No /<br>Each | 1        |

| Sr.N<br>o. | Uniq<br>ue | Name of<br>Tool,                                    | Tool Name in Marathi                             | Tool<br>Name | Specification                     | Brand/<br>Company | Unit         | Qt<br>y. |
|------------|------------|---|--|--------------|-----------------------------------|-------------------|--------------|----------|
|            | Code       | Equipmen<br>t                                       |  | in<br>Hindi  |                                   | ,                 |              | ,        |
|            |            |   |  |              | 200mm<br>(LC/0.05mm)              |                   |              |          |
| 5          | WET5       | Spring<br>Caliper<br>Inside<br>/Outside<br>/Divider | स्म्रिंग कै वार<br>(ओंतर,<br>बाह्य,ववभा<br>जक)   |              | 6" or 150 mm l<br>/Outside /Divid |                   | No /<br>Each | 2        |
| 6          | WET6       | Out - Side<br>Micromet<br>er                        | स् <b>र</b> ू<br>रमाणी<br>(मायरोमीट<br>र)        |              | 0-25mm<br>(LC/0.01mm)             |                   | No           | 1        |
|            | WET<br>6.1 | Out - Side<br>Micromet<br>er<br>Digital             | स्र्ू<br>रमाणी<br>(मायरोमीट<br>र)                |              | 0-25mm<br>(LC/0.01mm)             |                   | No           | 1        |
| 7          | WET7       | Threading Gauge ( Engineerin g)                     | थेड किंगेज                                       |              | Metric                            |                   | No           | 2        |
| 8          | WET8       | Threading<br>Gauge<br>(<br>Plumbing)                | थेड किंगेज                                       |              | British                           |                   | No           | 2        |
| 9          | WET<br>9   | Radius<br>Gauge                                     | रेड अस गेज                                       |              | Metric                            |                   | No           | 2        |
| 10         | WET<br>10  | Try Square  | गुण्या   |              | 75mmx100m<br>m                    |                   | No           | 1        |
| 11         | WET<br>11  | Tri-square<br>(Welding)                             | गुण्या<br>(बािंधका<br>म आणण<br>सुतारकामा<br>साठी |              | Blade size<br>150mm               |                   | No           | 1        |
| 12         | WET<br>12  | base) (d  | are (Casting construction and farpentry)         |              | Blade Size<br>600mm               |                   | No           | 1        |
| Sub        | Total      |   |  |              |                                   |                   |              |          |
|            |            |   | Carp   | entry Har    | nd/ Cutting Tools                 | s /Equipment      |              |          |

| 13 | WET | Scriber | लोखिं ावर   | 150 to 200 mm length with       | No | 1 |
|----|-----|---------|-------------|---------------------------------|----|---|
|    | 13  |         | VIII G SIGN | double ended - 1 Straight and 1 |    |   |
|    |     |         | मार्कग      | bend end.                       |    |   |
|    |     |         | -           |                                 |    |   |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t             | Tool Name<br>in Marathi                  | Tool<br>Name<br>in<br>Hindi | Specification   | Brand/<br>Company                        | Unit | Qt<br>y. |
|------------|--------------------|---|--|-----------------------------|---|--|------|----------|
|            |                    |   | करण्यासाठी                               |                             |   |  |      |          |
|            |                    |   | (स्रायबर)                                |                             |   |  |      |          |
| 14         | WET<br>14          | Claw<br>Hammer                                | णखळे<br>काढायचा<br>हातो ा (क्लॉ          |                             | 400 gm<br>Chrome Plated<br>Claw Hammer<br>Tubular Steel<br>Handle: With | TAPARIYA or or<br>Equivalent             | No   | 1        |
|            |                    |   | हॅमर)                                    |                             | Handle  |  |      |          |
| 15         | WET<br>15          | Mallet<br>Wooden                              | लाक ी<br>हातो ा                          |                             | Small   | Local Brand                              | No   | 1        |
| 16         | WET<br>16          | Mallet<br>Plastic                             | प्लास्स्टक<br>हातो ा                     |                             | Medium  | Local Brand                              | No   | 1        |
| 17         | WET<br>17          | Tenon<br>Saw                                  | पट्टी<br>करवत                            |                             | 10"   |  | No   | 1        |
| 18         | WET                | Saw   | करवत                                     |                             | 18"   |  | No   | 1        |
|            | WET<br>18.1        | ELECTRIC<br>CIRCULAR<br>SAW                   |  |                             | 1050 W  | Drona or or<br>Equivalent                | No   | 1        |
| 19         | WET<br>19          | Saw small size                                | करवत                                     |                             | 12"   |  | No   | 2        |
| 20         | WET<br>20          | Diwad Plier<br>/ Sawteeth<br>setting<br>plier | । करवतालः । ६८व                          |                             | Pistol TypeAlloy Steel15x6 cm   |  | No   | 1        |
| 21         | WET<br>21          | Hacksaw<br>Frame                              | लोखिं<br>कापायची<br>करवत                 |                             | 12", fix metal frame.   | BIPICO or<br>Equivalent                  | No   | 1        |
|            | WET 21.1           | ADJUSTAB<br>LE<br>HACKSAW<br>FRAME            | लोखिं<br>कापायची<br>करवत                 |                             | 40 x 13 x 2.5<br>Centimeters  | Taparia/Ambite<br>c/Jet or<br>Equivalent | No   | 1        |
| 22         | WET<br>22          | Half<br>Round<br>Wood<br>rasp File            | कार्नस<br>( आधी गोल<br>खरबड त<br>कार्नस) |                             | 10"   | JK or Equivalent                         | No   | 1        |

| 23 | WET | Flat file | कार्नस | 10" | JK or Equivalent | No | 1 |  |
|----|-----|-----------|--------|-----|------------------|----|---|--|
|    | 23  | Rasp      |        |     |                  |    |   |  |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t     | Tool Name<br>in Marathi               | Tool<br>Name<br>in<br>Hindi | Specification  | Brand/<br>Company         | Unit         | Qt<br>y. |
|------------|--------------------|---------------------------------------|---------------------------------------|-----------------------------|--|---------------------------|--------------|----------|
|            |                    |                                       | (चपटी                                 |                             |  |                           |              |          |
|            |                    |                                       | कार्नस )                              |                             |  |                           |              |          |
| 24         | WET<br>24          | Flat file<br>Rough                    | कार्नस<br>(चपटी<br>खरबड त )           |                             | 12"  | JK or Equivalent          | No           | 1        |
| 25         | WET<br>25          | C-Clamps<br>(for<br>carpentry<br>use) | सी क्लॅम्प                            |                             | 4"   | TAPARIYA or<br>Equivalent | No           | 1        |
| 26         | WET<br>26          | Iron Plane                            | लोखिं ी रिंधा                         |                             | 5" & 9"  | AMBIKA or<br>Equivalent   | No /<br>Each | 2        |
| 27         | WET<br>27          | Firmer<br>Chisel                      | स्स्िर पटाशी                          |                             | Flat, Width 1" &<br>Length -8" with                              |                           | No /<br>Each | 1        |
| 28         | WET<br>28          | Mortise<br>Chisel                     | पटाशी /<br>सड्या /<br>र्ककर           |                             | Width 1/4" & 1<br>Length -8" with                                | •                         | No /<br>Each | 1        |
| 29         | WET<br>29          | Pairing<br>Chisel                     | तास<br>(पेअररकिःं )<br>पटाशी          |                             | Width 1"<br>Length -8" with                                      | n Plastic handle          | No           | 1        |
| 30         | WET<br>30          | Hand Drill<br>Machine                 | हॅ डिल<br>मशीर्न                      |                             | Size- 1/4 Inch<br>Dimensions-<br>15x10x5 cm<br>Weight -<br>200gm | TAPARIYA or<br>Equivalent | No           | 1        |
| 31         | WET<br>31          | Butt<br>Hinges                        | सिंमुख<br>बबजागरी<br>(बट दहक्रीं<br>) |                             | _  | Length -100 mm            | No           | 1        |
| 32         | WET<br>32          | Rising Butt<br>Hinges                 | ,<br>उचलती<br>सिंमुख<br>बबजागरी       |                             | Width-50mm, I  | Length -100 mm            | No           | 1        |
| 33         | WET<br>33          | T' hinges                             | टी-बबजागरी                            |                             | Width-50mm, I  | Length -100 mm            | No           | 1        |
| 34         | WET<br>34          | Parliament<br>hinge                   | पाल <b>रू</b><br>ेंट<br>बबजागरी       |                             | Width-50mm, I  | Length -100 mm            | No           | 1        |

| 35 | WET | Piano  | वपयार्नी | Width-50mm, Length -100 mm | No | 1 |
|----|-----|--------|----------|----------------------------|----|---|
|    | 35  | Hinges |          |                            |    |   |
|    |     |        | बबजागरी  |                            |    |   |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t            | Tool Name<br>in Marathi             | Tool<br>Name<br>in<br>Hindi | Specification                         | Brand/<br>Company           | Unit         | Qt<br>y. |
|------------|--------------------|--|-------------------------------------|-----------------------------|---------------------------------------|-----------------------------|--------------|----------|
| 36         | WET<br>36          | Sun mica<br>Cutter                           | सर्नमायका<br>कापायचे<br>साधर्न      |                             | Half Round<br>Dimensions -<br>20x2 mm | AMBIKA or<br>Equivalent     | No           | 1        |
| 37         | WET<br>37          | Carbound<br>um Stone<br>(Emery)              | नर्नसर्ना                           |                             | 6" x 2.5" x 2"                        | JK or Equivalent            | No           | 1        |
| 38         | WET<br>38          | Auger Bit                                    | स्जमलेट<br>(गगरमीट<br>बबट)          |                             | 1/4" & 1/2"                           |                             | No /<br>Each | 1        |
| Sub        | Total              |  |                                     |                             |                                       |                             |              |          |
| 0.5        | 14                 | T 0 ::                                       | Sheet-M                             | etal Work                   |                                       | ools /Equipment             |              |          |
| 39         | WET<br>39          | Tin Cutter<br>(Tin cutter<br>with<br>spring) | पत्रा<br>गोलाकार<br>कापण्यासा       |                             | Small size 12"                        | TAPARIA or<br>Equivalent    | No           | 2        |
|            |                    |  | ठी कात्री                           |                             |                                       |                             |              |          |
| 40         | WET<br>40          | Tin Cutter<br>-Scissor                       | पत्रा सरळ<br>कापण्यासा<br>ठी कात्री |                             | 12"                                   | AMBIKA or<br>Equivalent     | No           | 2        |
| 41         | WET<br>41          | Blow<br>Lamp                                 | ब्लो लॅम्प                          |                             | Material - Brass<br>gm                | 522x19x22 cm 700            | No           | 1        |
| 42         | WET<br>42          | Soldering<br>Iron<br>(khadya)                | खड्या                               |                             | Copper                                |                             | No           | 1        |
| Sub        | Total              |  | Dailling Town                       | in a Thurs                  | - din - 11 d / C-+                    | ina Tanla (Famina           |              |          |
| 43         | WET                | Ranch Dri                                    | Il Machine                          | ing, inrea                  | Capacity: 13mr                        | ing Tools /Equipm           | ent<br>No    | 1        |
| 43         | 43                 |  | safety guard&                       |                             | single phase                          | 11 230V 30HZ ,              | INU          | 1        |
| 44         | WET<br>44          | HSS Drill<br>set                             | डिल बीट                             |                             | 4 Mm To 13<br>Mm                      | JK/MIRANDA or<br>Equivalent | Set          | 1        |
| 45         | WET<br>45          | Center<br>Drill                              | सेंटर <b>ि</b> ील                   |                             | 2.5 - 6.5 mm<br>90 ड ग्री             |                             | Set          | 1        |
| 46         | WET<br>46          | Tap<br>Wrench                                | टॅपरेंच                             |                             | 200 mm                                |                             | No           | 1        |
| 47         | WET<br>47          | Oil Can                                      | विंगणाची                            |                             | 250 ml                                |                             | No           | 1        |
|            |                    |  | बुधली                               |                             |                                       |                             |              |          |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t        | Tool Name<br>in Marathi                     | Tool<br>Name<br>in<br>Hindi | Specification                              | Brand/<br>Company                          | Unit         | Qt<br>y. |
|------------|--------------------|--|---|-----------------------------|--|--|--------------|----------|
| 48         | WET<br>48          | Machine<br>vice                          | मशीर्न<br>व्हाईस                            |                             | 100 mm Jaw<br>opening                      |  | No           | 1        |
| 49         | WET<br>49          | Hammers<br>B.P<br>(Hammers<br>ball pain) | हातो ा                                      |                             | 500 Grams                                  | JK or Equivalent                           | No           | 1        |
| 50         | WET<br>50          | Hammer (<br>cross pain                   | C.P (hammer<br>) with handle<br>orged steel |                             | 500 Grams                                  | JK or Equivalent                           | No           | 1        |
| 51         | WET<br>51          | Flat Chisel                              | स्स् <b>िर</b><br>पटाशी<br>(निज्नी)         |                             | 6"   | Rasco/AMBIKA<br>/ TAPARIA or<br>Equivalent | No           | 1        |
| 52         | WET<br>52          | File<br>Handle<br>Wooden                 | लाक ी<br>दािं ा/,<br>मठु (कार्नस<br>वगैरे   |                             |  | Wooden                                     | No           | 15       |
| 53         | WET<br>53          | Flat<br>Basted<br>File                   | साठी)<br>चपटी<br>ख ब ीत<br>कार्नस           |                             | 10",12"                                    | JK SHER or<br>Equivalent                   | No /<br>Each | 1        |
| 54         | WET<br>54          | Flat<br>Smooth<br>File                   | चपटी<br>गुळगुळीत<br>कार्नस                  |                             | 12"  | JK SHER or<br>Equivalent                   | No /<br>Each | 1        |
| 55         | WET<br>55          | Triangular<br>files                      | <sub>बत्र</sub> क <b>ोण</b> ी<br>कार्नस     |                             | 10"  | JK SHER or<br>Equivalent                   | No           | 1        |
| 56         | WET<br>56          | Round<br>Basted<br>File                  | गोल कार्नस                                  |                             | 8"   | JK or Equivalent                           | No           | 1        |
| 57         | WET<br>57          | Bench<br>Grinder                         | बेंच ग्राइिं र                              |                             | Wheel Diamite phase, 1/2 HP,               | r 150 Mm, single<br>230v-50 Hz,            | No           | 1        |
| 58         | WET<br>58          | Electrical<br>hand drill<br>machine      | इलेस्क्िक<br>ह <b>ॅ</b><br>ििोल<br>मशीर्न   |                             | 13 mm, Fiber<br>Body Drill<br>Machine, KPT | JKID-13VR /<br>BOCSH or<br>Equivalent      | No           | 1        |

| 59 | WET<br>59 | Bench Vice<br>(Code-U -<br>301) | बेंच व्हाईस  | Jaw lenght-<br>100mm,          | VENUS or<br>Equivalent    | No  | 2 |
|----|-----------|---------------------------------|--------------|--------------------------------|---------------------------|-----|---|
| 60 | WET<br>60 | Open End<br>Wrench/             | पट्टी पार्ना | 6mm-<br>18mm(Sizes<br>mm: 6X7, | TAPARIYA or<br>Equivalent | Set | 1 |

| Sr.N | Uniq       | Name of   | Tool Name                         | Tool                        | Specification   | Brand/                                 | Unit  | Qt |
|------|------------|---|-----------------------------------|-----------------------------|---|--|-------|----|
| 0.   | ue<br>Code | Tool,<br>Equipmen<br>t                              | in Marathi                        | Name<br>in<br>Hindi         |   | Company                                |       | y. |
|      |            | Spanner<br>SET                                      |                                   |                             | 8X9, 10X11,<br>12X13,<br>14X15,<br>16X17, )   |  |       |    |
| 61   | WET<br>61  | Ring<br>Spanner<br>Set                              | रर <b>ग</b> िं<br>पार् <b>न</b> ा |                             | 6-7 To 20-22<br>Mm  | TAPARIA or<br>Equivalent               | Set   | 1  |
| 62   | WET<br>62  | Tap & Die<br>Set                                    | टॅप ाय सेट                        |                             | 6 mm To 12<br>mm  |  | Set   | 1  |
| 63   | WET<br>63  | Die<br>wrench                                       | ायरेंच                            |                             | Length<br>300mm, ID<br>38mm   |  | No    | 1  |
| Sub  | Total      |   |                                   |                             |   |  |       |    |
|      |            |   | Wel                               | lding Hand                  | d/ Cutting Tools  |  |       |    |
| 64   | WET<br>64  | Arc<br>Welding<br>Machine<br>(Transfor<br>mer)      | वेस््िंग<br>िान्सफॉ<br>म <b>स</b> | वेस््<br>िंग<br>िािं<br>सफॉ | 250Amp /<br>single phase<br>(portable<br>machine)   | JK or Equivalent                       | No    | 1  |
|      |            |   |                                   | मस                          |   |  |       |    |
| 65   | WET<br>65  | Cable &<br>Lugs<br>(Welding<br>cable)               | वेस्् िंग<br>के बल                |                             | 5 Mtr (welding<br>cable for 250<br>amp)10 sq.<br>mm.{ 3 Mtr for<br>Holder & 2<br>Mtr for<br>Arthing | Finolex/Localor<br>Equivalent          | Meter | 1  |
| 66   | WET<br>66  | Welding /<br>Electrode<br>Holder                    | वेस््<br>िंग<br>इलेक्िो<br>हो र   |                             | Plastic Handle  |  | No    | 1  |
| 67   | WET<br>67  | Wire<br>Brush                                       | वायर ब्रश                         |                             |   |  | No    | 2  |
| 68   | WET<br>68  | Adjustable<br>Wrench<br>(Adjustable<br>Spanner<br>) |                                   |                             | 10"   | Tapariya or<br>Equivalent              | No    | 2  |
| 69   | WET<br>69  | Grip-on-<br>pliers                                  | ग्रीप प्लायर                      |                             | 100mm   |  | No    | 1  |
| 70   | WET<br>70  | Vise Grip   | व्हाईस ग्रीप                      | Page 1                      | 7''   | J K Tools /<br>AMBIKA or<br>Equivalent | No    | 1  |

Page **114** of

| Sub Total |              |            |                 |                   |    |  |
|-----------|--------------|------------|-----------------|-------------------|----|--|
|           | Building & ( | Constructi | ion Hand/ Cutti | ng Tools /Equipme | nt |  |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t                           | Tool Name<br>in Marathi        | Tool<br>Name<br>in<br>Hindi | Specification                      | Brand/<br>Company                    | Unit          | Qt<br>y. |
|------------|--------------------|---|--------------------------------|-----------------------------|------------------------------------|--------------------------------------|---------------|----------|
| 71         | WET<br>71          | Trowel<br>(Thapi) Set                                       | िापी                           |                             | Full set with different sizes      |                                      | Set           | 1        |
| 72         | WET<br>72          | Trowel<br>(Thapi-<br>Plane)                                 | िापी                           |                             | Plane sheetfor finishing           |                                      | No            | 1        |
| 73         | WET<br>73          | Plumb<br>Bob  | ओळिंबा                         |                             | Metal                              |                                      | No            | 1        |
| 74         | WET<br>74          | Line Rope   | लाईर्न रोप                     |                             | 15 meter/1<br>bundle               |                                      | Bund<br>le    | 1        |
| 75         | WET<br>75          | Sand Sieve  | वाळूची<br>चाळणी                |                             | 1.5ft dimeter                      |                                      | No            | 1        |
| 76         | WET<br>76          | Masonry<br>Drill<br>(Concrete<br>Drill )                    | कॉ <b>₹</b> ं<br>ीट डिल<br>बीट |                             | 5 mm To 12<br>mm(5 No)             | JK or Equivalent                     | Set           | 1        |
| 77         | WET<br>77          | Bucket<br>( MS steel<br>bucket )                            | पत्र्याची<br>बादली             |                             | Iron 10 liter<br>G.I Bucket        |                                      | No            | 2        |
| 78         | WET<br>78          |   | (MS Steel)<br>action work)     |                             | MS steel / plast<br>work           | cic forconstruction                  | No            | 4        |
| 79         | WET<br>79          | Spade<br>with<br>wooden<br>handle                           | खोरे लाक ी<br>दािंड्यास<br>ह   |                             | 74.9 x 24.1 x 6.<br>Weight - 2kg W |                                      | No            | 2        |
| Sub        | Total              |   |                                |                             |                                    |                                      |               |          |
|            |                    |   | Plum                           | nbing Han                   | d/ Cutting Tools                   |                                      |               |          |
| 80         | WET<br>80          | Pipe Die<br>Set - with<br>D/E<br>Handle(pi<br>pe<br>wrench) | पाईप ाय<br>सेट                 |                             | 1/2",3/4",<br>1"                   | AMBIKA or<br>Equivalent              | Set /<br>Each | 1        |
| 81         | WET<br>81          | Pipe Vice   | पाईप<br>व्हाईस                 |                             | 3" Cap                             | TAPARIA /<br>AMBIKA or<br>Equivalent | No            | 1        |
| 82         | WET<br>82          | Pipe<br>Wrench  | पाईप<br>पक ण्याचा<br>पार्ना    |                             | 12"                                | AMBIKA or<br>Equivalent              | No            | 1        |
| 83         | WET<br>83          | Water<br>Pump<br>Plier                                      | पिंपासाठी<br>पक्क              | Page 11                     | 10"                                | AMBIKA/TAPAR<br>IYA or<br>Equivalent | No            | 1        |

Page **116** of

| 84 | WET | Hack Saw | हक सा ब्ले   | 12" (300mm) | Mirinda or | No | 30 |
|----|-----|----------|--------------|-------------|------------|----|----|
|    | 84  | Blade    | (147 (11 9(1 |             | Equivalent |    |    |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t      | Tool Name<br>in Marathi                | Tool<br>Name<br>in<br>Hindi | Specification  | Brand/<br>Company | Unit | Qt<br>y. |
|------------|--------------------|--|--|-----------------------------|--|-------------------|------|----------|
| Sub        | Total              |  |  | -                           | -f-1 F- 1  |                   |      |          |
|            |                    |  |  | 5                           | afety Equipment  |                   | T    |          |
| 85         | WET<br>85          | Safety<br>Helmet                       | हेमेट                                  |                             | Medium size<br>PVC   |                   | No   | 4        |
| 86         | WET<br>86          | Safety<br>Goggle                       | िान्स्परिंट<br>चष्मे                   |                             | Medium   |                   | No   | 6        |
| 87         | WET<br>87          | Welding<br>Goggle                      | वेस्् िंग<br>चा<br>काळा चष्मा          |                             |  |                   | No   | 10       |
| 88         | WET<br>88          | Welding<br>Screen<br>with Head<br>Band | वे ीिंग<br>स्रीर्न हे<br>ब <b>ँ</b> सह |                             |  |                   | No   | 3        |
| 89         | WET<br>89          | Overcoat<br>(Apron-<br>Blue color)     | एरर्न - लहार्न व<br>मध्यम<br>साईज      |                             | Material Polyester + Carbon Fiber Surface Resistivity Standered surface resistivity 1 x 10>6-8 Ω/cm. ESD Area Works Wear ing these Apron are totally esd antisatic area work Design Check Box Stripped Line Collar Type & Pocket Lapel Collar with 3 Pocket Closure Type Chit Button Sleeves FullSleeves Type Overc oat Jacket |                   | No   | 15       |

| Sr.N<br>o. | Uniq<br>ue<br>Code | Name of<br>Tool,<br>Equipmen<br>t                    | Tool Name<br>in Marathi            | Tool<br>Name<br>in<br>Hindi | Specification  Weight 180- 210 GMS Thickness                    | Brand/<br>Company | Unit | Qt<br>y. |
|------------|--------------------|--|------------------------------------|-----------------------------|---|-------------------|------|----------|
|            |                    |  |                                    |                             | .03 MM(Approx)s mall and Medium size (Blue color)               |                   |      |          |
| 90         | WET<br>90          |  | es (Welding<br>and gloves)         |                             | _   |                   | Pair | 4        |
| 91         | WET<br>91          | Cotton<br>Hand<br>Gloves<br>(sheet<br>metal<br>work) | काप ी<br>हातमोजे                   |                             | Material: Cotto<br>Colour : Yellow<br>Gloves<br>nitrile coating |                   | Pair | 4        |
| 92         | WET<br>92          | Hand<br>gloves<br>pairs<br>(constricti<br>on)        | रबरी<br>हातमोजे                    |                             | Material: Nylor<br>Special Feature                              |                   | Pair | 2        |
| 93         | WET<br>93          | Welding<br>Apron                                     | चाम ी एरर्न<br>(वेस््िंंग<br>साठी) |                             | Style: WaistSize<br>Material: Blenc                             |                   | No   | 4        |

| Sr.N  | Uniq    | Name of   | Tool Name  | Tool  | Specification                 | Brand/         | Unit | Qt |
|-------|---------|-----------|------------|-------|-------------------------------|----------------|------|----|
| о.    | ue      | Tool,     | in Marathi | Name  |                               | Company        |      | y. |
|       | Code    | Equipmen  |            | in    |                               |                |      |    |
|       |         | t         |            | Hindi |                               |                |      |    |
| 94    | WET     | Rubber    |            |       | Material type: I              | RubberClosure  | Pair | 12 |
|       | 94      | Chappals  |            |       | typeSlip On Heel type: Flat   |                |      |    |
|       |         |           |            |       | Water resistant               | ce levelWater  |      |    |
|       |         |           |            |       | Resistant                     |                |      |    |
|       |         |           |            |       | StyleFlip Flop S              | trap typeThong |      |    |
|       |         |           |            |       | Medium Size (14-16 age )Small |                |      |    |
|       |         |           |            |       | and Medium                    |                |      |    |
|       |         |           |            |       |                               |                |      |    |
|       |         |           |            |       |                               |                |      |    |
| 95    | WET     | First Aid |            |       | Cotton, Adhesi                | ve Bandage,    | No   | 1  |
|       | 95      | Box       |            |       | Gauze roll bandage ,Scissor,  |                |      |    |
|       |         |           |            |       | Dettol, Antiseptic cream-     |                |      |    |
|       |         |           |            |       | Soframycin.                   |                |      |    |
|       |         |           |            |       |                               |                |      |    |
| Sub   | Total   |           |            |       |                               |                |      |    |
| Grand | d Total |           |            |       |                               |                |      |    |
| Consu | umable  |           |            |       |                               |                |      |    |
| :     | S       |           |            |       |                               |                |      |    |

Consumables will be purchased by the school or by providing advance to the instructor as per the requirement of the respective practical / activity / project. It can be purchased in bulk for a semester or for a month.

| Sr.<br>No | Unique<br>Code | Name of the<br>Tool /<br>Equipment | Name in<br>Marathi | Name in<br>Hindi       | Specification  | Brand/<br>Company | Unit | Qty |
|-----------|----------------|------------------------------------|--------------------|------------------------|----------------|-------------------|------|-----|
|           |                |                                    |                    |                        | Measuring Dev  | vices .           |      |     |
| 1         | EE 1           | Voltmeter                          | वो्टमीटर           | वो्टमीटर               | 10 to 500 V    |                   | No   | 1   |
| 2         | EE 2           | Ammeter                            | अँमीटर             |                        | 0 to 50 amp    |                   | No   | 1   |
| 3         | EE 3           | Wattmeter                          | वॅटमीटर            | वॅटमीटर                | 0 to 1500 W    |                   | No   | 1   |
| 4         | EE 4           | Frequency<br>Meter                 | फ्रीक्वेंन्सी      | फ्रीक्वेंसी            | 05 to 65 Hz    |                   | No   | 1   |
|           |                |                                    | मीटर               | मीटर                   |                |                   |      |     |
| 5         | EE 5           | Voltmeter /<br>DIGITAL             | ड स्जटल            | ड स्जटल                | म्टीमीटर       |                   | No   | 1   |
|           |                | MULTIMETER                         | म्टीमीटर           |                        |                |                   |      |     |
| 6         | EE 6           | Non-contact<br>Voltage             | र्नोर्न            | र्नॅॉर्न क             | ाटॅं ॅक््ट     |                   | No   | 1   |
|           |                | Detector                           | क <b>ा</b> टँ      | वः                     | ो्टेज ड टेक्टर |                   |      |     |
|           |                |                                    | ॅक्ट               |                        |                |                   |      |     |
|           |                |                                    | वो्टेज             |                        |                |                   |      |     |
|           |                |                                    | ड टेक्टर           |                        |                |                   |      |     |
| 7         | EE 7           | Wire Gauge                         | वायर गेज           | वायर गेज<br>age 120 of |                |                   | No   | 2   |

| 8 | EE 8 | Hydro Meter |  | to check gravity for Acid | No | 1 |
|---|------|-------------|--|---------------------------|----|---|
|   |      |             |  | battery                   |    |   |

| Sr.<br>No | Unique<br>Code | Name of the<br>Tool /<br>Equipment                | Name in<br>Marathi | Name in<br>Hindi | Specification          | Brand/<br>Company            | Unit | Qty |
|-----------|----------------|---|--------------------|------------------|------------------------|------------------------------|------|-----|
| 9         | EE 9           | Fish Tape   | र्फश टेप           | र्फश टेप         | upto 15ft              |                              | No   | 1   |
| 10        | EE 10          | Linesman<br>Pliers                                | लाइन्समॅर्न        | लाइन्समर्न       | 8"                     |                              | No   | 2   |
|           |                | (Combination Pliers)                              | प्लायर             | प्लायर           |                        |                              |      |     |
| 11        | EE 11          | Long Nose<br>Pliers                               | लॉन्ग र्नीज        | लॉन्ग            | 6"                     |                              | No   | 2   |
|           |                |   | प्लायर             | र्नीज            |                        |                              |      |     |
|           |                |   |                    | प्लायर           |                        |                              |      |     |
| 12        | EE 12          | Side Cutting<br>Player                            | साई                |                  | 6"                     |                              | No   | 2   |
|           |                | riayer  | कदट <b>ग</b> िं    |                  |                        |                              |      |     |
|           |                |   | प्लायर             |                  |                        |                              |      |     |
| 13        | EE 13          | Screw Driver<br>Set                               | स्र्               | स् <b>र</b> ू    | 100, 150,<br>200, 250, |                              | Set  | 1   |
|           |                | Set   | िायवर              | िायव             | 300 mm                 |                              |      |     |
|           |                |   |                    | ₹                |                        |                              |      |     |
| 14        | EE 14          | Screw Drive<br>Electrician-Wi                     |                    |                  |                        |                              | Set  | 1   |
| 15        | EE 15          | Pokar   | पोगर               |                  |                        |                              | No   | 1   |
| 16        | EE 16          | Tester  | टेस्टर             |                  |                        | Taparia or<br>Equivalen<br>t | No   | 4   |
| 17        | EE 17          | Wire Stripper                                     | वायर               | वायर             |                        |                              | No   | 2   |
|           |                |   | <b>स्ि</b> ीप      | <b>स्ि</b> ीप    |                        |                              |      |     |
|           |                |   | ₹                  | र                |                        |                              |      |     |
|           | EE 17.1        | Wire Stripper (Automatic)                         | वायर               | वायर             | Automatic              | D&V or<br>Equivalen          | No   | 2   |
|           |                | ,   | स्िीप              | स्िीप            |                        | t                            |      |     |
|           |                |   | ₹                  | ₹                |                        |                              |      |     |
| 18        | EE 18          | Razor Blade                                       | रेझर ब्ले          | रेझर ब्ले        |                        |                              | No   | 2   |
|           |                | Knife (Utility<br>Knife)                          | र्नाइफ             | र्नाइफ           |                        |                              |      |     |
| 19        | EE 19          | Hack Saw  | हॅक सॉ             |                  |                        |                              | No   | 1   |
| 20        | EE 20          | 3 Core Flexible<br>Drilling , Gr<br>Welding M/c o | inding,            |                  | 1.5 Sq mm              |                              | Mtr  | 4   |
| 21        | EE 21          | Sockets<br>(Assorted) 2<br>Pin                    | सॉके ट             | सॉके ट           | 2 Pin                  |                              | No   | 10  |

| 22 | EE 22 | Sockets<br>(Assorted) 3          | ३ वपर्नसॉके | ३ वपर्नसॉके | 3 Pin | No | 10 |
|----|-------|----------------------------------|-------------|-------------|-------|----|----|
|    |       | Pin                              | ट           | ट           |       |    |    |
| 23 | EE 23 | Plugs<br>(Assorted)<br>Top 2 Pin | सॉके ट टॉप  | सॉके ट टॉप  | 2 Pin | No | 10 |

| Sr.<br>No | Unique<br>Code | Name of the<br>Tool /<br>Equipment   | Name in<br>Marathi     | Name in<br>Hindi                      | Specification   | Brand/<br>Company   | Unit | Qty<br>· |
|-----------|----------------|--------------------------------------|------------------------|---------------------------------------|---|---|------|----------|
| 24        | EE 24          | Plugs<br>(Assorted)<br>Top 3 Pin     | प्लग टॉप               | प्लग टॉप                              | 3 Pin   |   | No   | 10       |
| 25        | EE 25          | Switches                             | स्स्वचेस               | स्स्वचेस                              | Set of switche Combo of 12N Switch x12 Application: Combo of 12N for Living area requirement of points.  Made with his qualityfire retained silver plat components for lasting switches sockets.  Easy installation of module due fit feature | I Plate + 6A  an be used s with of 12 Light  gh ardant virgin e material edconductor or long es and  on / removal | Set  | 1        |
| 26        | EE 26          | Switches<br>(Assorted)<br>One way    | वर्न वे<br>स्वीच       | वर्न वे<br>स्वीच                      |   |   | No   | 10       |
| 27        | EE 27          | Switches<br>(Assorted)<br>Two way    | टू वे स्वीच            | टू वे स्वीच                           |   |   | No   | 10       |
| 28        | EE 28          | Bell Push<br>Switch                  |                        |                                       |   |   | No   | 2        |
| 29        | EE 29          | Lamp Holders<br>(Assorted)<br>Angle  | अँगलहो्<br>र           | ल <b>ः</b><br>ह <b>ो</b> ् र<br>एिंगल |   |   | No   | 5        |
| 30        | EE 30          | Lamp Holders<br>(Assorted)<br>Bettle | बटॉ र्नहो्<br>र        | ल\$ं<br>ह <b>ो</b> ् र<br>बैटर्न      |   |   | No   | 5        |
| 31        | EE 31          | Light<br>Emission<br>Diode           | लाईट<br>इममशर्न<br>ायो | लाइट इम                               | मशर्न ायो   |   | Box  | 1        |
| 32        | EE 32          | Pull-Push<br>Switch                  | पुल पुश<br>स्वीच       | पुल पुश<br>स्वीच                      |   |   | No   | 1        |

| 34 | EE 34 | Capacitor | कै प्यामसटर |      | 1000uF 25V ±2<br>Tolerance +10<br>Temperature. | 5°C Max | No | 2 |
|----|-------|-----------|-------------|------|--|---------|----|---|
| 35 | EE 35 | Relay     | ररले        | ररले |  |         | No | 1 |

| Sr.<br>No | Unique<br>Code | Name of the<br>Tool /<br>Equipment | Name in<br>Marathi                 | Name in<br>Hindi                  | Specification   | Brand/<br>Company   | Unit         | Qty |
|-----------|----------------|------------------------------------|------------------------------------|-----------------------------------|---|---|--------------|-----|
| 36        | EE 36          | Earthing<br>Plate                  | अग <b>ि</b> ग<br>प्लेट             |                                   | 1 ft. X 1ft.  |   | No           | 2   |
| 37        | EE 37          | Earthing Rod                       | अग <b>िय</b> ॉ                     |                                   | Material -<br>Diameter - 17<br>1 mtr  | Copper<br>mmLength -  | No           | 2   |
| 38        | EE 38          | Earthing Pipe                      | अग <b>ि</b> ग<br>पाइप              |                                   | GI Pipe<br>Diameter- 1/2<br>- 1 mtr   | inchLength  | No           | 2   |
| 39        | EE 39          | Different<br>Type of Fuse          |                                    |                                   |   |   | Set<br>/Each | 1   |
| 40        | EE 40          | Miniature<br>Circuit<br>Breaker    | ममनर्नएचर<br>सर्कल ट<br>ब्रेकर     | ममनर्नएचर                         | सर्कल ट ब्रेकर  |   | No           | 2   |
| 41        | EE 41          | Electric<br>Soldering<br>Iron      | इलस्क्िक<br>स्गे रस्किःं<br>आयर्नल | इलेस्क्िक<br>स्गे रस्किःं<br>गर्न | 35 watt   |   | No           | 2   |
| 42        | EE 42          | Valve<br>Spanner                   |                                    |                                   |   |   | No           | 1   |
| 43        | EE 43          | Nozzel/Nippl<br>e spanner          |                                    |                                   |   |   | No           | 1   |
| 44        | EE 44          | Wick Stove                         |                                    |                                   | Material - Stai<br>Model - Regul<br>Type - Color B<br>Capacity - 3 Lit<br>Usage/Applica<br>Cooking<br>Is It Portable?   | ar Packaging<br>ox<br>tres<br>ition -Home   | No           | 1   |
| 45        | EE 45          | Pressure<br>Stove                  |                                    |                                   | Type: Manua<br>Burner Type:<br>BRASS BURNE<br>Number of Bu<br>Body Material<br>Dimension: 20<br>35.5 cm<br>KEROSENE PRI<br>STOVE, BRASS<br>PUMP & PVC N<br>BURNER CLEA<br>KIT | KEROSENE<br>R<br>rners: 1<br>: Iron<br>0.32 cm x<br>ESSURE<br>TANK LEAD,<br>WASHER, | No           | 1   |

| Sr.<br>No | Unique<br>Code | Name of the<br>Tool /<br>Equipment | Name in<br>Marathi          | Name in<br>Hindi      | Specification  | Brand/<br>Company                | Unit         | Qty |
|-----------|----------------|------------------------------------|-----------------------------|-----------------------|--|----------------------------------|--------------|-----|
| 46        | EE 46          | DOL STARTER                        | ीओएल<br>स्टाटलर             |                       | Single Phase,<br>230Volt   | Crompton<br>or<br>Equivalen<br>t | No           | 1   |
| 47        | EE 47          | WATER<br>PUMP 1<br>PHASE           | वाटर पम्प                   | वाटर पम्प             | Single Phase<br>, 0.5 HP   |                                  | No           | 1   |
| 48        | EE 48          | MOTER<br>ELECTRIC 1<br>PHASE       | इलेस्क्िक<br>मोटर १<br>फे ज |                       | Single Phase<br>, 230 volt   |                                  | No           | 1   |
| 49        | EE 49          | Rotary Switch                      | रोटरी                       | रोटरी                 |  |                                  | No           | 1   |
|           |                |                                    | स्वीच                       | स्वीच                 |  |                                  |              |     |
| 50        | EE 50          | Earthing Wire                      | अग <b>िंग</b><br>वायर       | अग <b>ि</b> ग<br>वायर | The earth wire shall be made of galvanized steel strands conforming to relevant IS standards. It will have 7 strands of 3.66mm diameter each, with an overall diameter of 10.98mm.  11 Gause |                                  | Mtr          | 5   |
| 51        | EE 51          | Electric<br>Wires                  | वायसल                       | वायसल                 |  | : PVC1mm<br>opper Wire<br>mm     | Mtr /<br>RYB | 100 |
| Su        | b Total        |                                    |                             |                       |  |                                  |              |     |
| 52        | EE 52          | Electrical                         | <del></del>                 | Saf                   | ety Tools and ed   | quipment                         | Pairs        | 2   |
|           | <b></b>        | Hand Gloves                        | हातमोजे                     |                       |  |                                  | . 3 3        | _   |
| 53        | EE 53          | Rubber<br>Matting                  | रबर महँ                     | रबर महँ               | 3' x 2'  |                                  | No           | 2   |
| 54        | EE 54          | Sand Bucket                        |                             |                       | 10 Ltr   |                                  | No           | 2   |
| 55        | EE 55          | Fire<br>Extinguisher<br>CO2        |                             |                       | 2kg, ABC<br>Types  |                                  | No           | 1   |
| Su        | b Total        |                                    |                             |                       |  |                                  |              |     |
|           | nd Total       |                                    |                             |                       |  |                                  |              |     |
|           | sumables       | will be purachse                   | d hy the sch                | ool or by pro         | viding advance   | to the instru                    | ctor as      |     |

Cosumables will be purachsed by the school or by providing advance to the instructor as per the requirement of the respective practical / activity / project. It can be purchasd in bulk for a semester or for a month.

| Sr. | Unique |  | Name in                       | Name in                     | Brand/   | Unit | Qty |
|-----|--------|--|-------------------------------|-----------------------------|--|------|-----|
| No. | Code   | the Tool /<br>Equipment                | Marathi                       | Hindi                       | Company  |      | •   |
|     |        |  | Gen                           | eral Tools                  |  |      |     |
| 1   | HH 1   | Stainless<br>steel Plates              | स्नेर्नलेस स्टील              | िाळा                        | Stainless Steel(Dia<br>20cm)   | No.  | 2   |
| 2   | 1111.2 | Ciavaa                                 | िाळा/ताट                      |                             | Chaimless Charl  | No   | 1   |
| 2   | HH 2   | Sieves                                 | स्टील चाळणी                   | स्टील                       | Stainless Steel<br>Size- 21x11x10 cm)                                | No.  | 1   |
|     |        |  |                               | चलर्नी (भाजी                |  |      |     |
|     |        |  |                               | धुवर्नू                     |  |      |     |
|     |        |  |                               | नर्न <b>ि</b> ==>ळ <b>ू</b> |  |      |     |
|     |        |  |                               | र्न                         |  |      |     |
|     |        |  |                               | ठेवण्यासाठी<br>)            |  |      |     |
| 3   | HH 3   | Set of cooking                         | वाढणीचे चमचे                  | खानी बनीने                  | Stainless steel  | Set  | 1   |
|     |        | spoon                                  |                               | वाले चमचो                   |  |      |     |
|     |        |  |                               | का सेट                      |  |      |     |
| 4   | HH 4   | Stainless<br>steel                     | झाकणासह                       | ढक्कर्न                     | Food grade stainless steel   | No.  | 1   |
|     |        | Containers                             | पातेले                        | सदहत                        | ( Containers of 1 ltr  |      |     |
|     |        | with Cover<br>(Pot)                    |                               | भागोर्ना                    | and 2 ltr capacity)  |      |     |
| 5   | HH 5   | Steel Bowls                            | स्टील ची वाटी                 |                             | Dia 6 inch   | No   | 2   |
| 6   | HH 6   | Frying Pan<br>(medium)-<br>With Handle | कढई                           | कढाई                        | Stainless stree with<br>copper bottom -<br>medium size (Dia<br>20cm) | No.  | 1   |
| 7   | HH 7   | Grater/<br>Shredder                    | र्कसणी                        | कद्दक्रू स                  | Stainless steel (8 in1) (8x7.5x18.2 cm)                              | No.  | 1   |
| 8   | HH 8   | •                                      | ed Chikki Slicer<br>), cutter | कटर                         | Stainless steel<br>(14x160x120 mm)                                   | No.  | 1   |
| 9   | HH 9   | Knives                                 | सुरी                          | चाक्                        | Stainless Steel<br>(Medium size)                                     | No.  | 2   |
| 10  | HH 10  | Polpat and<br>Latan                    | पोळपाट आण्ण                   | पोळपाट                      | Wood   | Set  | 1   |
|     |        | (Roller)                               | लाटणे                         | ओर बेलर्न                   |  |      |     |
| 11  | HH 11  | Gas lighter                            | गस लायटर                      | गस लायटर                    | stainless Steel -<br>Domestic Use                                    | No.  | 1   |
| 12  | HH 12  | Measuring<br>Mug / Cup                 | मोजण्याचा                     | मापक                        | Plastic/ Glass250ml  | No.  | 1   |
|     |        | Mag/ Cup                               | ग्लास                         | ग्लास                       |  |      |     |
| 13  | HH 13  | Measuring<br>Spoons                    | मोजण्याचे                     | र्नापर्ने वाला              | Plastic  | set  | 1   |
|     |        | •                                      | चमचे                          | चम्मच                       |  |      |     |

| 14 | HH 14 | Mixer     | ममक्सर | ममक्सर   | ISI mark Mixer with | No. | 1 |
|----|-------|-----------|--------|----------|---------------------|-----|---|
|    |       | (Mixture- |        | 01014(1) | two grinding        |     |   |
|    |       | Grinder)  |        |          | containers - 550    |     |   |
|    |       |           |        |          | Watt                |     |   |

| Sr.<br>No. | Unique<br>Code | Name of<br>the Tool /<br>Equipment | Name in<br>Marathi | Name in<br>Hindi | Brand/<br>Company                         | Unit    | Qty<br>· |
|------------|----------------|------------------------------------|--------------------|------------------|---|---------|----------|
| 15         | HH 15          | Pressure<br>Cooker                 | रेशर कु कर         | रेशर कु कर       | Steel / aluminium -<br>5 ltr              | No.     | 1        |
| 16         | HH 16          | Scissors                           | कात्री             | कैं ची           | १ medium १ Large -<br>With plastic handle | No/Each | 1        |
| 17         | HH 17          | Table<br>Spoons                    | टेबल स्पूर्न       | टेबलस्पर्नू      | Stainless steel                           | No.     | 6        |
| 18         | HH 18          | Single<br>Burner<br>Stove          | गॅस स्टोव्ह        | गैस चुहा         | ISI Mark - 27x29x9<br>cm                  | No.     | 1        |
| 19         | HH 19          | Tong                               | पक्क               | पक्क /           | Steel -24x3x3 cm                          | No.     | 1        |
|            |                |                                    |                    | बतर्नल उठार्ने   |   |         |          |
|            |                |                                    |                    | वाला             |   |         |          |
|            |                |                                    |                    | गचमटा            |   |         |          |
| 20         | HH 20          | Vegetable<br>Peeler                | सोलणी              | निलर्नी          | stainless steel -<br>25x25x43 cm          | No.     | 2        |
| 21         | HH 21          | Water<br>Container<br>(Jug)        | पाण्यासाठीजग       | जग               | stainless steel 1liter capacity           | No.     | 1        |
| 22         | HH 22          | hindalium<br>container             | दह िं              | दह िं            | Hindalium 3 liter                         | No      | 1        |
|            |                | with lid - 3lit                    | ामलयम              | ामलयम            |   |         |          |
|            |                |                                    | पातेले             | भगोर्ना          |   |         |          |
|            |                |                                    | झाकणासदहत -3       | (ढक्कर्न         |   |         |          |
|            |                |                                    | मलटर               | सदहत)- 3         |   |         |          |
|            |                |                                    |                    | लीटर             |   |         |          |
| 23         | HH 23          | Dust Pan                           | के राची सुपली      | कू ड़े का        | Plastic; Size-medium                      | No.     | 1        |
|            |                |                                    |                    | तसला             |   |         |          |
| 24         | HH 24          | Sieves                             | चाळणी -            | चलर्नी           | Plastic with multiple sieving plates-     | No.     | 1        |
|            |                |                                    | वेगवेळ्या          |                  | 20x20x5 cm                                |         |          |
|            |                |                                    | चाळण्याच्या        |                  |   |         |          |
|            |                |                                    | प्लेट सह           |                  |   |         |          |
| 25         | HH 25          | Plastic<br>Container               | प्लास्स्टक         | प्लास्स्टक ड     | 0.5 kg, Food grade                        | No.     | 4        |
|            |                | Container                          | बरणी- आधा          | ब्बा - आधा       | plastic (Set of 4) -                      |         |          |
|            |                |                                    | र्कलो              | र्कलो            | Recommend Cello<br>brand OR<br>equivalent |         |          |

| 26 | HH 26 | Glass<br>container | काचेची बरणी    | ग्लास का    | glass with plastic lid<br>- half kg. Capacity | No. | 2 |
|----|-------|--------------------|----------------|-------------|---|-----|---|
|    |       |                    | प्लास्स्टकच्या | ब्बा        |   |     |   |
|    |       |                    | झाकणाची -      | (प्लास्स्टक |   |     |   |
|    |       |                    | अधा र्कलो      | ढक्कर्न)    |   |     |   |

|    | Code  | Name of<br>the Tool /<br>Equipment | Name in<br>Marathi                           | Name in<br>Hindi   | Brand/<br>Company   | Unit | Qty<br>· |
|----|-------|------------------------------------|--|--|---|------|----------|
| 27 | HH 27 | Digital<br>Kitchen<br>Balance      | स्वयिंपाक<br>घरातील वजर्न<br>काटा            | रसोई<br>तोल्गग्य <b>िं</b>                                     | ISI Mark with 5 kg<br>capacity- Digital<br>Balance<br>Brand- Glun or<br>Equivalent                    | No   | 1        |
| 28 | HH 28 | Plastic<br>Bucket                  | बादली  | प्लास्स्टक<br>बा्टी  | Plastic -10 ltr<br>capacity   | No   | 1        |
| 29 | HH 29 | Plastic<br>Dustbin                 | कचरा बा                                      | कू ड़ादार्न  | Plastic   | No   | 1        |
| 30 | нн 30 | Equ<br>(Sphygmo                    | sure Measuring uipment omanometer)-cury Free | रक्तदाबमा<br>पी  | ISI mark- Mercury<br>Free   | No   | 1        |
| 31 | HH 31 | Stethoscope                        | स्ट <b>ैिो</b> स्को<br>प                     | स्ट <b>ैिो</b><br>स्कोप  | ISI mark  | No   | 1        |
| 32 | HH 32 | Thermomet<br>er                    | िमालमीटर                                     | िमालमीट<br>र   | Glass - 30x1x1 cm   | No   | 1        |
| 33 | HH 33 | Weighing<br>machine                | वजर्न काटा                                   | वेड़िंग मशीर्न<br>(मर्नुष्य का<br>भार मापर्ने<br>वाला यिः<br>) | ISI mark - 100kg<br>capacity  | No   | 1        |
| 34 | HH 34 | First -aid<br>Box                  | रिमोपचार<br>पेटी                             | रिमोपचार<br>पेटी   | ISI mark  | No   | 1        |
| 35 | HH 35 | Beaker                             | चिंचूपात्र                                   | बीकर   | Made with Glass -<br>250 ml   | No   | 1        |
| 36 | HH 36 | Digital BP<br>machine              | ड स्जटल रक्त<br>मापक यिः                     | ड स्जटल<br>रक्त मापक<br>य <sup>ित्रं</sup>                     | ISI mark  | No   | 1        |
| 37 | HH 37 | Digital timer                      | ड स्जटल<br>टाइमर                             | ड स्जटल<br>टाइमर   | ISI mark  | No   | 1        |
| 38 | НН 38 | _                                  | y Thermometer<br>ood temperature             | कैं ी<br>िमालमीटर  | taking food<br>temperature - Range<br>- (-50 to 300degree<br>celcius) Brand- Syga<br>or<br>Equivalent | No   | 1        |
| 39 | HH 39 | Wall clock                         | मभतीवरील<br><sub>Page</sub>                  | दीवार घड़ी<br>132 of   | Orpat/Citizen or<br>Equivalent  | No   | 1        |

|    |       |                     | घ याळ |                    |    |   |
|----|-------|---------------------|-------|--------------------|----|---|
| 40 | HH 40 | Fire                |       | ISI Mark - 2kg ABC | No | 1 |
|    |       | Extinguisher<br>CO2 |       | type               |    |   |

| Sr.<br>No. | Unique<br>Code | Name of<br>the Tool /<br>Equipment | Name in<br>Marathi            | Name in<br>Hindi                      | Brand/<br>Company  | Unit | Qty<br>· |
|------------|----------------|------------------------------------|-------------------------------|---------------------------------------|--|------|----------|
| 41         | HH 41          | Apron<br>(Cloth)                   | ॲरेर्न<br>भा <b>ि</b> ं       | एरर्न<br>बतर्नल                       | Type of Product: Fine Quality Apron Size: 24x36 inch Material: Cotton cotton- medium size - For 14 to 17 years childern                      | No   | 3        |
|            |                |                                    | ीपुसण्यासा<br>ठी टॉवेल        | पोर्िन का<br>कप ा                     | Material: Cotton Product Dimensions 70Lx 45W Centimeters Style Classic Pattern Striped Special Feature Durability,Lightwei ght Theme Striped |      |          |
| 43         | HH 43          | Hand Gloves                        | हातमोजे                       | दस्तार्ने                             | Length :240 mm<br>Material :<br>Nitrile  | Pair | 4        |
| 44         | HH 44          | Hand Gloves<br>(Plastic)           | हातमोजे                       | दस्तार्ने                             | Color: Transparent Is Consumable: Y Size: Free Size Cotton - medium size - For 14 to 17 years children                                       | No   | 1        |
| 45         | HH 45          | Head Caps<br>(Cloth)               | ोक्याची टोपी                  | रसोई वाली<br>टोप <b>ी (कप</b><br>ेकी) | Material   | No   | 15       |
| 46         | HH 46          | Candles                            | मेणबत्ती                      | मोमबत्ती                              | Material - WAX<br>medium size - 6<br>inch  | no   | 1        |
| 47         | HH 47          | Aluminum<br>foil                   | अल <b>ुम</b> ुन्ख्य<br>म फॉयल |                                       | Material<br>Aluminium,<br>Is Microwaveable<br>Yes<br>100 mtr   | Roll | 1        |
| Sub        | Total          |                                    |                               |                                       |  |      |          |
|            |                |                                    |                               | Charts                                |  |      |          |

| Sr.<br>No. | Unique<br>Code | Name of<br>the Tool /<br>Equipment | Name in<br>Marathi   | Name in<br>Hindi                | Brand/<br>Company  | Unit | Qty |
|------------|----------------|------------------------------------|--|---------------------------------|--|------|-----|
| 48         | HH 48          | Food<br>Pyramid                    | अन्न मर्नोरा   | अज्न<br>मर्नोरा                 |  | No   | 1   |
| 49         | HH 49          | Nutrition<br>Chart                 | न्य <b>ु</b> िीशर्न<br>चाटल  | न्य <b>ु</b> ि<br>ीशर्न<br>चाटल |  | No   | 1   |
| 50         | HH 50          | Diseases<br>Chart                  | अन्न,पाणी,<br>स्वच्िता<br>अभाव इत्यादी<br>पासर्नूहोणाऱ्या<br>रोगािंचा चाटल |                                 | ो, स्वच्िता अभाव<br>ास <b>ूर्व ह</b> ोण <b>ा</b> ऱ्या<br>इन्टल | No   | 1   |
|            | Total          |                                    |  |                                 |  |      |     |
|            | umables        |                                    |  |                                 |  |      |     |

Consumables will be purchased by the school or by providing advance to the instructor as per the requirement of the respective practical / activity / project. It can be purchased in bulk for a semester or for a month.

| Sr.<br>No. | Uniqu<br>e<br>Code | Name of the<br>Tool,<br>Equipment | Name in<br>Marathi                           | Name in<br>Hindi | Specifications/Br<br>and  | Unit | Quanti<br>ty |
|------------|--------------------|-----------------------------------|--|------------------|---|------|--------------|
|            |                    |                                   | Genera                                       | l Tools          |   |      |              |
| 1          | AA 1               | Budding Knife                     | कलम करतार्ना ोळे<br>काढण्यासाठी / भरण्यासाठी |                  | Two stainless steel blades and one brass budder Comfortable nylon | No.  | 4            |
|            |                    |                                   | चाक्   |                  | grip (Falcone<br>Brand isbest) or<br>Equivalent                   |      |              |
| 2          | AA 2               | Garden Knife                      | बागकामाचा                                    | गा र्नल          | 9 Inch blade with plastic grip.                                   | No.  | 4            |
|            |                    |                                   | चाक्   | चाकू             | (Falcon Brand or<br>Equivalent)                                   |      |              |
| 3          | AA 3               | Grafting Knife                    | कलम  |                  | One stainless steel blades and                                    | No.  | 4            |
|            |                    |                                   | करण्यासाठी                                   |                  | Comfortable nylon grip (Falcone                                   |      |              |
|            |                    |                                   | चाक्   |                  | Brand or<br>Equivalent)   |      |              |

| 4 | AA 4 | Hori Hori Knife<br>(Soil Knife) | काटेरी चाकू | 9 Inch blade with<br>wooden handle.<br>(Falcon Brand or<br>Equivalent) | No. | 2 |
|---|------|---------------------------------|-------------|--|-----|---|
|   |      |                                 |             |  |     |   |

| Sr.<br>No. | Uniqu<br>e<br>Code | Name of the<br>Tool,<br>Equipment        | Name in<br>Marathi                             | Name in<br>Hindi | Specifications/Br<br>and  | Unit | Quanti<br>ty |
|------------|--------------------|--|--|------------------|---|------|--------------|
| 5          | AA 5               | Tree Cutting<br>Shears                   | किंु पण अगर जा<br>फािंद्या<br>िाटणीचीकात्री    |                  | Blade Length: 10 inch Alloy Steel Material with wooden handle and adjustable screw (Falcon Brand or Equivalent) | No.  | 1            |
| 6          | AA 6               | Pruning<br>Sheared / C<br>Cutter         | िाटणीची कात्री                                 |                  | Blade : Stainless<br>Steel<br>Cutting Size :<br>15mm with lock<br>nut (Falcon Brand<br>or Equivalent)           | No.  | 1            |
| 7          | AA 7               | Pruning Knife                            | झा ािंचे पतृ<br>(नर्गिःं<br>करण्यासाठी<br>चाकू |                  | Blade : Stainless<br>Steel<br>Cutting Size :<br>25mm  | No.  | 2            |
| 8          | AA 8               | Trowels                                  | बागकामात<br>लागणारे खुरपे                      |                  | Size : 150mm with<br>plastic handle<br>(Falcon Brand or<br>Equivalent)  | No.  | 2            |
| 9          | AA 9               | Spade with wooden Handle                 | खोर  |                  | Medium Size<br>blade (6-9inch)<br>with 3 feet<br>wooden handle  | No.  | 2            |
| 10         | AA 10              | Axe with<br>wooden<br>handle             | कु ऱ्हा  | कु ्हाड़ी        | Small Size blade(3 inch) with 3 feet wooden handle  | No.  | 1            |
| 11         | AA 11              | Pickaxe (Tikav)<br>with wooden<br>handle | दटकाव  |                  | Small Size blade<br>(40-100mm) with3<br>feet wooden<br>handle   | No.  | 1            |
| 12         | AA 12              | Khurpi                                   | खुरपे  |                  | Blade length 5<br>inch. 15x10x5 cm.<br>With straight<br>blade and plastic<br>handle                             | No.  | 4            |
| 13         | AA 13              | Sickle                                   | ववळा   |                  | Blade length 18<br>inch with wooden<br>handle and<br>curved blade   | No.  | 2            |

| Sr.<br>No. | Uniqu<br>e<br>Code | Name of the<br>Tool,<br>Equipment | Name in<br>Marathi  | Name in<br>Hindi   | Specifications/Br<br>and                                  | Unit | Quanti<br>ty |
|------------|--------------------|-----------------------------------|---|--|---|------|--------------|
| 14         | AA 14              | Leaf Rake with<br>Handle          | वाळलेली पार्ने, क<br>साफ करण्यासाठी व                                   |  | Blade length (22-<br>30 inch) with 5feet<br>wooden handle | No.  | 2            |
|            |                    |                                   | साधर्न  | ī  |   |      |              |
| 15         | AA 15              | Scissor                           | कात्री  | कैं ची   | Stainless steel,<br>Size : 200mm                          | No.  | 1            |
| 16         | AA 16              | Watering Can ,<br>8 to 10 Ltr.    | झारी  | सीिंचर्ने का<br>कर्नस्तर   | Plastic can 8 to 10<br>ltr.                               | No.  | 2            |
| 17         | AA 17              | Plastic<br>Ghamale                | घमेले   | घामेला   | Dia 300mm   | No.  | 4            |
| 18         | AA 18              | Crate                             | समार्न एका जागे दे<br>कलमे के ले्या<br>हलववण्यासा                       | वपशव्या  | Virgin Plastic, Size<br>: 533x360x305<br>mm               | No.  | 2            |
|            |                    |                                   | (प्लास्स्टक   | जरे ट)   |   |      |              |
| 19         | AA 19              | Plastic Jar -<br>500 ml<br>(Mug)  | मग  | मग   | Nyasa/Cello/Supr<br>eme or Equivalent                     | No.  | 1            |
| 20         | AA 20              | Plastic Buckets<br>, 10 Ltr       | प्लास्स्टक बादली  | प्लास्स्टक<br>टोकरी  | Nyasa/Cello/Supr<br>eme or Equivalent                     | No   | 2            |
| 21         | AA 21              | Spraying<br>Pump                  | र्नसरी मधील ,<br>बागेमधील झा<br>ािंवर फवारणी<br>करण्यासाठी स्रे<br>पिंप | निड़काव<br>पम्प  | Capacity : 2 Ltr<br>with pressure<br>pump                 | No.  | 2            |
| 22         | AA 22              | Measuring<br>Tape                 | जमीर्न, जागा<br>मोजण्यासाठीटेप  | 30 meter   | Stainless Steel,<br>Lock Facility                         | No.  | 1            |
| 23         | AA 23              | Weighing<br>Balance               | वजर्न काटा  | 10 kg ,<br>Capacity<br>with<br>minimum<br>Division<br>of 0.1 kg. | ISI Mark with 10kg<br>capacity (Stainless<br>Steel Pot)   | No.  | 1            |
| 24         | AA 24              | Animal Digital<br>Thermometer     | िमालमीटर  | राण्यािं<br>चे तापमार्न<br>मोजण्याचे<br>िमालमीट                  |   | No.  | 1            |

|    |       |   |                      | र |   |     |   |
|----|-------|---|----------------------|---|---|-----|---|
|    |       |   |                      |   |   |     |   |
| 25 | AA 25 | Magnifying<br>lens(bi-<br>concave lens) | बदहव <b>स</b> मभक्िं |   | 10X magnification<br>with Steel frame<br>and PVC handle | No. | 4 |

| Sr.<br>No. | Uniqu<br>e<br>Code | Name of the<br>Tool,<br>Equipment   | Name in<br>Marathi                      | Name in<br>Hindi | Specifications/Br<br>and   | Unit             | Quanti<br>ty |
|------------|--------------------|---|---|------------------|--|------------------|--------------|
|            |                    |   | (की                                     |                  |  |                  |              |
|            |                    |   | ओळखण्यासाठी)                            |                  |  |                  |              |
| 26         | AA 26              | Seeding Trays for Nursery ?( 70<br>Cavity / holes )   |   | र्नसरी<br>िे     | 70 cells in one tray of size 53 x 35 x 5 (L x W X H) in Cms.   | No               | 6            |
| 27         | AA 27              |   | tion Unit (Lateral                      | निड़काव          | Complete with  | Set              | 1            |
|            |                    | • •   | x 20ft , Micro<br>ro jet 05 nos each    | मसचाई            | Spray Jet, Heads and foggers,  |                  |              |
|            |                    |   | )                                       | यर्ू (नट         | Rainport<br>sprinklers, Valves<br>etc  |                  |              |
| 28         | AA 28              |   | Unit ( Lateral pipe                     | डिप              | 16mm Main  | Set              | 1            |
|            |                    |   |   | मसचाई            | Supply Pipe<br>25mtrs, 4mm   |                  |              |
|            |                    | 16mm x 20 ft , Elbow , coupler ,<br>T-joint , mini valve, gurment teck,<br>end cap , drip punch 5nos each |   | य <b>्</b> नर्नट | Feeder Line Pipe - 40mtrs, 4LPH Drip Emitters - 100pcs, 4mm Pin Connector - 100pcs 5. Emitter Stakes - 100pcs 6. Dummies - 25pcs, Tee Connector - 10pcs, Straight Connector - 10pcs, Elbow Connector - 10pcs, Straight Connector With Tap - 10pcs, End cap - 10pcs, Water Tap Connector, 'S' Hole Puncher, Teflon Tape and Installation Manual |                  |              |
| 29         | AA 29              | Grafting<br>transplanting<br>bags   | प्लास्स्टक<br>वपशव्या कलम<br>करण्यासाठी |                  | Waterproof,<br>flexible, scalable,<br>High elongation 4<br>inch to 8 inch  | No.<br>/<br>Each | 25           |
| 30         | AA 30              | Lactometer  | लाकटोममटर                               | लाकटोमम<br>टेर   | Glass Body<br>checked ND<br>Calibrated with<br>plastic cover box   | No.              | 1            |

| Sr.<br>No. | Uniqu<br>e<br>Code | Name of the<br>Tool,<br>Equipment    | Name in<br>Marathi                                      | Name in<br>Hindi | Specifications/Br<br>and   | Unit  | Quanti<br>ty |
|------------|--------------------|--------------------------------------|---|------------------|--|-------|--------------|
| 31         | AA 31              | Measuring<br>Cylinder                | काचेचे पात्र<br>ममलीलीटर<br>खुणासह                      | 250ml            | Made of<br>Borosilicate  | No.   | 1            |
| 32         | AA 32              | Beaker                               | चान्चुपात्र   | 250ml            | Made of<br>Borosilicate  | No.   | 1            |
| 33         | AA 33              | Hand Gloves<br>(Long)                | बागकामाचे हात<br>मोजे                                   | हातमोजे          | ISI Mark -<br>Medium size<br>(For 14 to 17<br>years students)    | Pairs | 1            |
| 34         | AA 34              | Mask ( Canvas<br>Mask )              | पेस्टीसाई<br>फवारतानी<br>नीकावर<br>बािंधण्याठी<br>मास्क | मास्क            | ISI Mark (For<br>14 to 17 years<br>students)                     | No    | 2            |
| Sub        | Total              |                                      |   |                  |  |       |              |
|            |                    |                                      | Cha   | rts              |  |       |              |
| 35         | AA 35              | Irrigation<br>method charts          | मसचर्नाची पद्धत<br>चाटल                                 | मसचा             | ई पद्धनत के चाटल   | No    | 1            |
| 36         | AA 36              | Artificial<br>insemination<br>Chart  | क्ः ज्ञम गभालधार्न<br>चाटल                              | क्ृब्रम          | गभालधार्न को च <b>ाटल</b>  | No    | 1            |
| 37         | AA 37              | Breed charts<br>Cow,Goat,Bull<br>ock | गाय,<br>म्हशीिंच्या<br>शेळी,बैल,मािंज<br>र,कु त्रा      |                  | र्नस्ल के चाटल<br>गाय,भक्षें<br>कर <b>ा,बब्ल</b> ी,क <b>ु</b> ता | No.   | 1            |
|            |                    |                                      | रजानत चाटल  |                  |  |       |              |
|            | Total              |                                      |   |                  |  |       |              |
|            | d Total            |                                      |   |                  |  |       |              |
| Cons       | umable             |                                      |   |                  |  |       |              |

Consumables will be purchased by the school or by providing advance to the instructor as per the requirement of the respective practical / activity / project. It can be purchased in bulk for a semester or for a month.

|        | Display Boards, Tables & Storage |            |                             |      |      |  |  |  |  |  |  |
|--------|----------------------------------|------------|-----------------------------|------|------|--|--|--|--|--|--|
| Sr.No. | Unique Code                      | Particular | Dimentions & Specifications | Unit | Qty. |  |  |  |  |  |  |

| 1 | NA | Display board     | 4ft*3ft plywood | No. | 3 |
|---|----|-------------------|-----------------|-----|---|
|   |    | for tools display | of 18mm         |     |   |
|   |    | and easy access   | thickness with  |     |   |
|   |    | to students       | boundary        |     |   |
|   |    |                   | (wooden gota)   |     |   |

|   |     |                   | and blue cloth in |     |   |
|---|-----|-------------------|-------------------|-----|---|
|   |     |                   | the background    |     |   |
|   |     |                   | for contrast.     |     |   |
|   |     |                   | Water Proof ISI   |     |   |
|   |     |                   | Mark plywood To   |     |   |
|   |     |                   | display screw     |     |   |
|   |     |                   | drivers, testers  |     |   |
|   |     |                   | and easy access   |     |   |
|   |     |                   | to students       |     |   |
|   |     |                   |                   |     |   |
| 2 | NA  | Display board     | 4ft*2ft plywood   | No. | 2 |
| _ |     | for tools display | of 18mm           |     | _ |
|   |     | and easy access   | thickness with    |     |   |
|   |     | to students       | boundary          |     |   |
|   |     |                   | (wooden gota)     |     |   |
|   |     |                   | and blue cloth in |     |   |
|   |     |                   | the background    |     |   |
|   |     |                   | for contrast.     |     |   |
|   |     |                   | Water Proof ISI   |     |   |
|   |     |                   | Mark plywood To   |     |   |
|   |     |                   | display screw     |     |   |
|   |     |                   | drivers, testers  |     |   |
|   |     |                   | and easy access   |     |   |
|   |     |                   | to students       |     |   |
|   |     |                   |                   |     |   |
| 3 | NA  | Working Table     | Steel Frame with  | No. | 1 |
| 3 | INA | to perform        | Length: 6 ft,     | NO. | 1 |
|   |     | practicals for 15 | Breadth: 4 ft and |     |   |
|   |     | students          | Height: 30 Inch   |     |   |
|   |     |                   | (2.5 ft)          |     |   |
|   |     |                   | Top: 18 mm        |     |   |
|   |     |                   | commercial ply    |     |   |
|   |     |                   | with              |     |   |
|   |     |                   | lamination/power  |     |   |
|   |     |                   | coating           |     |   |
|   |     |                   | grey/glory blue   |     |   |
|   |     |                   | paint, bottom     |     |   |
|   |     |                   | should be         |     |   |
|   |     |                   | rubberrlevellar   |     |   |
|   |     |                   |                   |     |   |
|   |     |                   |                   |     |   |
| 4 | NA  | Machine Table     | Steel Frame with  | No. | 1 |
|   |     | for Machine       | Length: 4 ft,     |     |   |
|   |     | Installation      | Breadth: 3 ft and |     |   |
|   |     |                   | Height: 30 Inch   |     |   |
|   |     |                   | (2.5 ft)          |     |   |
|   |     |                   | Top: 18 mm        |     |   |

|   | T     |                                       | ı                   | 1            | 1  |
|---|-------|---------------------------------------|---------------------|--------------|----|
|   |       |                                       | commercial ply      |              |    |
|   |       |                                       | with                |              |    |
|   |       |                                       | lamination/power    |              |    |
|   |       |                                       | coating             |              |    |
|   |       |                                       | grey/glory blue     |              |    |
|   |       |                                       | paint, bottom       |              |    |
|   |       |                                       | should be           |              |    |
|   |       |                                       | rubberrlevellar     |              |    |
|   |       |                                       |                     |              |    |
|   |       |                                       | C () C) 1/24        |              |    |
| 5 | NA    | Cupboard for                          | 6 ft. Steel/Metal   | No.          | 2  |
|   |       | Storage of tools,<br>Raw material     | file cabinet with 4 |              |    |
|   |       | and other                             | adjustable          |              |    |
|   |       | Resources                             | shelves with lock   |              |    |
|   |       | i i i i i i i i i i i i i i i i i i i | and key facility,   |              |    |
|   |       |                                       | 20 Gauge with       |              |    |
|   |       |                                       | 78" x 34 "x19 "     |              |    |
|   |       |                                       | (6'6" x 2'10" x     |              |    |
|   |       |                                       | 1'7")               |              |    |
|   |       |                                       |                     |              |    |
| 6 | NA    | Stools for                            | Length: 12 Inch,    | No.          | 30 |
|   |       | sitting                               | Breadth: 12 inch,   |              |    |
|   |       | _                                     | & Height: 20 Inch   |              |    |
|   |       |                                       | Top: Perforated     |              |    |
|   |       |                                       | sheet with          |              |    |
|   |       |                                       | gauge, Steel        |              |    |
|   |       |                                       | Frame : 20 mm x     |              |    |
|   |       |                                       | 20 mm x 18          |              |    |
|   |       |                                       | Gauge square tube   |              |    |
|   |       |                                       | with powder         |              |    |
|   |       |                                       | coating in grey     |              |    |
|   |       |                                       | paint, bottom       |              |    |
|   |       |                                       | should be rubberr   |              |    |
|   |       |                                       | levellar (Ntlon )   |              |    |
|   |       |                                       | , ,                 |              |    |
| - | A.I.A | Vitales - Talal                       | l a a sala . E C    | <b>A</b> 1 - | 4  |
| 7 | NA    | Kitchen Table                         | Length: 5ft,        | No.          | 1  |
|   |       | with Drawer<br>and Storage            | Breadth: 3ft,       |              |    |
|   |       | cupboard /                            | Height: 30 Inch     |              |    |
|   |       | Working table                         | Steel Frame : 20    |              |    |
|   |       | TTOTALLE CUDIC                        | mm x 20mm           |              |    |
|   |       |                                       | Square tube with    |              |    |
|   |       |                                       | 18 gauge , legs     |              |    |
|   |       |                                       | rubber bush,        |              |    |
|   |       |                                       | color grey with     |              |    |
|   |       |                                       | powder coating.     |              |    |
|   |       |                                       | Top : GI Top with   |              |    |
|   |       |                                       | sink frame with     |              |    |

|       |    |              | sink, keep empty space below sink. One drawer with lock and key facility and two shelves with two door and half closed from all side. Frame: Steel MS Angle; L shape 35/5 with grey/glory blue paint. |     |   |
|-------|----|--------------|---|-----|---|
| 8     | NA | Utensil Rack | Standard Size<br>Utensil Rack to<br>keep kitchen<br>utensils  | No. | 1 |
| Total |    |              |   |     |   |

|           |                    | Other required          | items                    |
|-----------|--------------------|-------------------------|--------------------------|
| Sr.<br>No | Item Name          | Item specification      | Remarks                  |
| 1         | Gypsum Screw       | 1 Inch                  |                          |
| 2         |                    | 1.5 Inch                |                          |
| 3         |                    | 2 Inch                  |                          |
| 4         |                    | 3 Inch                  |                          |
| 5         | Clamp              | 1 Inch                  |                          |
| 6         |                    | 2 Inch                  |                          |
| 7         |                    | 3 Inch                  |                          |
| 8         | Nail               | 1 Inch                  |                          |
| 9         | Hook               | 4 Inch                  | To hang the sand buckets |
| 10        | Nut Bolt           | 3 Inch, 10 mm           | With washer set          |
| 11        |                    | 3 Inch, 8 mm            |                          |
| 12        |                    | 5 Inch, 8 mm            |                          |
| 13        | Floor Marking Tape | Yellow and Black Colour |                          |
| Total     |                    |                         |                          |

| Section Name Plates |             |                      |                        |       |
|---------------------|-------------|----------------------|------------------------|-------|
| S.no.               | Particulars | Dimensions (sq. ft.) | Specifications/Picture | Units |
|                     |             |                      | for reference          |       |

| 1  | Multi Skill Foundation Course<br>(MSFC)            | 3x0.75 | Poly Vinyl/Sunboard<br>(3mm thickness) Font:<br>Century Gothic,<br>White Border | 1 |
|----|--|--------|---|---|
| 2  | Energy & Environment (EE)                          | 3x0.5  |   | 1 |
| 3  | Workshop & Engineering<br>Techniques (WET)         | 3x0.5  |   | 1 |
| 4  | Gardening, Nursery & Agriculture Techniques (GNAT) | 3x0.5  |   | 1 |
| 5  | Food Processing Techniques (FPT)                   | 3x0.5  |   | 1 |
| 6  | Resource Corner                                    | 1x0.33 |   | 1 |
| 7  | Safety Wall  | 1x0.33 |   | 1 |
| 8  | First Aid Box                                      | 1x0.33 |   | 1 |
| 9  | Fire Extinguisher                                  | 1x0.33 |   | 1 |
| 10 | Display Corner                                     | 1x0.33 |   | 1 |

### Agriculture:

|           | List of Tools and Equipment Sector : Agriculture and Allied |  |                |                      |  |
|-----------|---|--|----------------|----------------------|--|
| S.<br>No. | Tools &<br>Equipment  | Specification  | Unit<br>(type) | Per<br>school<br>qty |  |
| 1         | Knapsacksprayer   | Battery operated knapsack garden sprayer (capacity: 20 ltr)with double pump, 100% virgin HDPE material Tank Capacity in liter - 10, Tank type Manual back Carrying Power source Battery  | Nos            | 1                    |  |
| 2         | Sprinkler with stand  | Impulse brass sprinkler with 4 wheel standOuter Diameter (in mm) 40.0  | Nos            | 2                    |  |
| 3         | Spade   | Hardened & tempered steel blade with rust preventive coating with a wooden handle, blade size: 140 mm, Length: 900mm Length of Blade in mm tolerance of +-5mm allowed: 270, Length of shaft in mm (tolerance +- 25mm) -700, Overall length of Spade in mm-750          | Nos            | 2                    |  |
| 4         | Khurpi  | Thickness of Blade - 5 millimeter Material of Handle - wooden Material of Khurpa -: High carbon steel Overall size of Khurpa - 3x6 inch Description of Khurpa : Designed for Loosening & weeding the soil Blade material: Hardened steel blade blade weight: 200 grams | Nos            | 2                    |  |
| 5         | Dutch hand hoe  | Handle Type: Wooden Grip: Slimline neck length: 500 mmabgle blade type: keeping weed down  | Nos            | 2                    |  |
| 6         | Latex Rubber<br>Gloves                                      | size: 9 inch powder free: yes non sterile: yes material: latex waterproof: yes   | Nos            | 5                    |  |
| 7         | Empty Gunny<br>Bag  | Material of Empty Bag - HDPE, Capacity - 50Kg, Weight Min - 10gm   | Nos            | 20                   |  |

|           |                               | <u>List of Tools and Equipment</u><br>Sector : Agriculture and Allied   |                |                      |
|-----------|-------------------------------|---|----------------|----------------------|
| S.<br>No. | Tools &<br>Equipment          | Specification   | Unit<br>(type) | Per<br>school<br>qty |
| 8         | Power tiller                  | 2 Stroke 3hp High Performance Engine, 2 Stroke Single Cylinder, Max Power: 2.2kw/7000 RPM.Tilling Depth: up to 6 inch, Tilling Width: up to 20 inch, Fuel Tank Capacity: 1.6L, Fuel Mixture Ratio: Petrol Two-cycle Oil (40:1) Heavy duty Blades Starting System: Recoil Starter, Carburetor: Diaphragm, Fuel: Petrol | Nos            | 1                    |
| 9         | Respiratory<br>Masks          | Type- Disposable, Ear-loop, Tie On, Height - 5.01 cm, Length - 21.01 cm, Width - 8.99 cm, Weight - 10.0 grams/ pack. Mask construction material Entirely inseparable fillter material   | Nos            | 10                   |
| 10        | Drip Irrigation<br>Unit       | Automation Grade: Semi-Automatic, Purpose- Vegetable<br>Garden, AgricultureShape Of Dripline- Cylindrical Packaging<br>Type - Carton Box<br>Pipe Material - PlasticWeather Proof - Yes Material - Plastic,<br>Shape - Cylindrical and Flat  | Nos            | 1                    |
| 11        | Rabbiting Spade               | Head Size - 130 x 273 mm , Handle Size - 710 mm   | Nos            | 1                    |
| 12        | Latex hand gloves Gloves      | Latex - water proof - hand gloves Material Compounded Rubber<br>Solution  | Nos            | 10                   |
| 13        | Hori Hori Knife               | Type: Stainless steel blade with sharp edges, Blade length: 7 inch, Handle type: wood   | Nos            | 1                    |
| 14        | Long HandleHoes               | Type: Hardened with Handle, Weight - 1.8 KgAgri Powrah 1.4 Kg, Spade or Hoe or Powra  | Nos            | 1                    |
| 15        | Garden Hand<br>Tool-Axes      | Type: hand axes hardness of axe head: 10 mm length of handle: 1400 millimeter minimum width of chisel edge: 25-30mm material of handle: wooden minimum overall length of the blade: 465 mm chisel material: Iron  | Nos            | 1                    |
| 16        | Seed Cleaner                  | Type: Semi-Automatic/Fully Automatic, Material:Steel,Capacity kg/h 1-100, Power: Kw 4.25, Overall dimensions: 2286 mm, Voltage: 220v, Weight: 150-200 kg  | Nos            | 1                    |
| 17        | Plastics Baskets              | Basket Diameter (mm): 550, Cane Diameter (mm): 9, Basket Depth (mm) -290  | Nos            | 2                    |
| 18        | Wheelbarrow or<br>Garden Cart | MaterialL- Hot rolled carbonsteer sheet, Tubes- mild steel tubes, tubulars, and other wrought steel fittings, Rolled over a steel rod (diameter): 8 mm, maximum load capacity of wheel: 300 kg, Capacity: 110litre, Two Wheel Type Wheel Barrow   | Nos            | 1                    |

|           |  | List of Tools and Equipment Sector : Agriculture and Allied  |                |                      |
|-----------|--|--|----------------|----------------------|
| S.<br>No. | Tools &<br>Equipment                               | Specification  | Unit<br>(type) | Per<br>school<br>qty |
| 19        | Trowel   | material of tang: high tensile steel overall length of the handle: 24 mm material coating of handleL lacquer coated material of the baldeL hard chromium type: medium materialof blade: steel blade tyoe, weight 150 gm: fix blade length: 6 inch weight in gram: 6  | Nos            | 2                    |
| 20        | Farm yard<br>manure                                | Decomposed mixture of dung and urine of farm animals along with litter and left over material from roughages or fodder fed to the cattle. On an average well decomposed farmyard manure contains 0.5 per cent N, 0.2 per cent P2O5 and 0.5 per cent Kp  Bio Organic Manure (per ghan Feet) (NOVE) (Bio Fertilizer Village Product) | Kg             | 2                    |
| 21        | Fertilizers (10 varieties)                         | Commonly used chemical fertilizers: urea, ammonium nitrate, ammonium sulfate, calcium nitrate, diammonium phosphate, monoammonium phosphate, triple super phosphate, potassium nitrate, potassium chloride and potassium sulfate. (1 kg each)  | Nos            | 10                   |
| 22        | Watering can                                       | 5-Liter premium high-grade plastic watering canMaterial Polypropylene, Capacity 5 litre  | Nos            | 2                    |
| 23        | Garden / digging fork                              | Steel hand weeding fork for planting and row making, dimensions: 28 x 8 x 5 cm; 200 g FORK SHOVEL (PANJA) (MAKITA) (FORK SHOVEL IRON WITH WOODEN HANDLE)   | Nos            | 2                    |
| 24        | Garden knife                                       | Steel knife for cuttings, grafting and transplanting; minimum length-145mm Handle Type Moulded Handle Material Thermo plasticBlade hardness (HV) 471-480 Knife Blade Length (mm) 70  | Nos            | 2                    |
| 25        | Garden rake/Leaf                                   | 14 teeth plastic garden rake with handle   | Nos            | 2                    |
| 26        | Hand<br>screens/Sieves                             | To refine the soil samples material stainless steel, diameter:12 inch size: 2 mm weight: 50 gm   | Nos            | 1                    |
| 27        | Poly bags (3 different sizes)                      | Clear transparent zip lock bags with write on panels - Large, medium and small size- 200x300mm, 250x350mm, 300x400mm   | Nos            | 15                   |
| 28        | Seeds of various agricultural crops (05 varieties) | Packet Weight gm 150  Type of Seeds Vegetable, Crops, Pulses, Food Grains  | Nos            | 5                    |
| 29        | Pruning shears                                     | Material: stainless steel type: manual C17 pruning shear for hard branches of trees. Minimum: 11"*6"*2"inches  | Nos            | 1                    |
|           |  |  |                |                      |

|           |  | List of Tools and Equipment   |                |                      |
|-----------|--|---|----------------|----------------------|
|           |  | Sector : Agriculture and Allied   |                |                      |
| S.<br>No. | Tools &<br>Equipment                                     | Specification   | Unit<br>(type) | Per<br>school<br>qty |
| 30        | Sanitizers (2 varieties)                                 | Instant alcohol and non-alcoholic hand sanitizer -200 ml each which kill almost 100% of germs without water. Hand Sanitizer Hand Sanitizer Hand Sanitizer (Hand ), Pack Size (ml) -100 ml   | Nos            | 2                    |
| 31        | Seeds of various<br>agricultural crops<br>(15 varieties) | Variety of crop seeds; Eg corn, cotton, jowar, mustard, paddy, sunflower, wheat, soybeans, okra, peanut, peppers, carrot, onion, beans, peas, radish.  Methim Cumin, musratd, corainder. Rest Not availabe  | Nos            | 15                   |
| 32        | Shovels  | 12 inch standard with iron handle Type of Shovel, Square Nose Shovel (General Purpose), Material of Handle Fiber Glass  | Nos            | 2                    |
| 33        | Soil scoop   | Plastic shovel soil scoop used to collect soil samples  | Nos            | 3                    |
| 34        | Vermicompost   | Cocogarden vermicompost pack, fully decomposed, made by earthworm after digesting cow dung Organic carbon content(%)Min 0.72 Organic matter content(%)Min 1.24, Available per Kg.Leaf yield (kg/ac/ yr)Min 22860 Cocoon yield/ 100 dfls (kg)Min 72.9  | Kg             | 2                    |
| 35        | Water hose(10 meters)                                    | Flexible tube used to convey water, dimension: minimum1/2" inch, 25 meter.  Types of Rubber Air Hose (as per IS 446-1987 Latest) RubberAir Hoses Type 1 (Working Pressure of 0.7 Mpa)  ISI Marked No Reinforcement Material Synthetic FiberFinish Type Smooth Nominal Bore Size (mm) 38.00Length of the Pipe(meter) 30  | Meters         | 25                   |
| 36        | coco pit   | Shape - Square/RECTANGLE  Material -Coco Peat Coco Peat  COLOUR - Brown  Weight kg 1  | Nos            | 2                    |
| 38        | First Aid Box  | Large household multi-layer first aid kit multifunctional medicine box comprising of first-aid bandage, small scissors, tweezers or a cotton swab, ointment, and other basic over the counter drugs. QTY  Clinical thermometer 1  Cotton bandage, Size: 3 mtrs. * 5 cm. 1  Adhesive plaster (Woven fabric): Size 19*72 mm. 1  Sterile gauze swab: 5*5 cm. 1  Antiseptic liquid 100 ml 1  Antiseptic cream 25 gm 1  Microporous tape 1 | Nos            | 1                    |

|           | List of Tools and Equipment Sector: Agriculture and Allied |  |                |                      |  |
|-----------|--|--|----------------|----------------------|--|
| S.<br>No. | Tools &<br>Equipment                                       | Specification                                      | Unit<br>(type) | Per<br>school<br>qty |  |
|           |  | Tweezer 1  |                |                      |  |
|           |  | Scissor 1  |                |                      |  |
|           |  | Examination gloves 2                               |                |                      |  |
|           |  | Pain relief spray 30 ml 1                          |                |                      |  |
|           |  | Antiseptic soap 50 gm 1                            |                |                      |  |
|           |  | Shape Rectangular                                  |                |                      |  |
|           |  | Weight gm 725                                      |                |                      |  |
|           |  | Material HDPE & 10% LDPE                           |                |                      |  |
| 39        | Pro Tray with50  | Color Black  |                | _                    |  |
|           | cells  | No of root trainer in each block 20                | Nos            | 4                    |  |
|           |  | Height in cm 20                                    |                |                      |  |
|           |  | Length in cm 30                                    |                |                      |  |
|           |  | width in cm 10                                     |                |                      |  |
|           |  | Accuracy : pH                                      |                |                      |  |
|           |  | +/-0.01  |                |                      |  |
|           |  | Display LCD  |                |                      |  |
| 40        | Ph meter   | Operation Temp. °C 0 to 60                         | Nos            | 1                    |  |
|           |  | Resoulution pH 0.01                                |                |                      |  |
|           |  | Power supply v 3                                   |                |                      |  |
|           |  | Body Material ABS                                  |                |                      |  |
|           |  | Measurement range 0.01-14                          |                |                      |  |
|           |  | Calibration Three Point automation                 |                |                      |  |
|           |  | Content: Disposable gloves (CIPET Certified)       |                |                      |  |
|           |  | Gown 1   |                |                      |  |
|           |  | N95 Facemask 1                                     |                |                      |  |
|           |  | head cap 1   |                |                      |  |
|           |  | Latex gloves 1                                     |                |                      |  |
| 41        | PPE Kit  | Shoe cover knee length 1                           | Nos            | 10                   |  |
|           |  | Waste Collection bag 1                             |                |                      |  |
|           |  | goggle 1   |                |                      |  |
|           |  | Kit Size mm 300x350                                |                |                      |  |
|           |  | BIS Certification for Waste Collection bag Yes     |                |                      |  |
|           |  | ISI Certification for N95 Facemask Yes             |                |                      |  |
|           |  | Design - Half knee boot                            |                |                      |  |
|           |  | Surface Finish of Shoes - Full Grain Upper Leather |                |                      |  |
|           |  | Size of Shoes - UK 8                               |                |                      |  |
| 42        | Safety shoes   | Color of Shoes - Black                             | Nos            | 2                    |  |
|           |  | Upper for Footwear - Leather                       |                |                      |  |
|           |  |  |                |                      |  |
|           |  | Sole Design - Cleated/non cleated                  |                |                      |  |

|           |   | List of Tools and Equipment  |                |                      |
|-----------|---|--|----------------|----------------------|
|           |   | Sector : Agriculture and Allied  |                |                      |
| S.<br>No. | Tools &<br>Equipment                          | Specification  | Unit<br>(type) | Per<br>school<br>qty |
| 43        | School Kitchen<br>Garden Bag                  | Number of Trowel 1  Material of Trowel Plastic  Type of seed - marigold/Crocus bulb/vegetable seeds / flower seeds  Number of Khurpa - 1 1  Material of Handle (Gardening Kit) - C- Type Wooden Handle  Material of Khurpa (Gardening Kit) - Carbon Steel  Material of Soil Sample Collection Bag - Plastic  Number of seed packet - 10  Size of Soil Sample Collection Bags - inch 10 x 10  Weight of Each Seed packet - gram 20  Number of Soil Sample Collection Bag 5  Instruction booklet 1 | Nos            | 2                    |
| 44        | Digital Water<br>Test Kit                     | H2S vials certified by DRDE 10  Operational Type Digital  Paratmeter test Colour , Turbidity , Total Dissolved Solids(TDS), Ammonia Free Residual Chlorine, Fluoride, Iron, Nitrate, Copper, Manganese, pH Total Hardness Chloride Sulphate Zinc.  Test certification NABL  Capacity to test sample in Nos. 50  Battery Backup in Hr 3  Input Voltage in V 12  | Nos            | 1                    |
| 45        | Digital<br>Agriculture Soil<br>Assessment set | license IARI, PUSA  AC Input Voltage Range-volt 230 shaker yes  Facility to evaluate available N, P,K, Cu, Iron like 14 Parameter with lime and gypsum requirement Yes  Memory for DATA Storage of up to-parametres 999  Computer connectivity RS 232 port for Computer connectivity  Digital STFR Meter with control panel and LCD/LED Display yes  Along with Glasswares With Details of Accessories in Soil Test And Fertilizer Recommendation Kit  | Nos            | 1                    |
| 46        | Soil Testing Lab<br>Reagent Refill Kit        | Reagent Kit for-samples 200 parameters 14 Type of parameters EC,pH, Organic Carbon, Pottasium, Nitrogen, sulphur, Lyme Gypsum, Iron, Zinc, carbon Phosphorus like parameters   | Nos            | 1                    |
| 47        | Trunk   | Material CRC steel Sheet  Length in mm 800  Breadth mm 525  Height in mm 375   | Nos            | 2                    |

| S.<br>No. | Tools &<br>Equipment         | Specification   | Unit<br>(type) | Per<br>school<br>qty |
|-----------|------------------------------|---|----------------|----------------------|
|           |                              | Thickness of CRC steel sheet in mm 0.8                        |                |                      |
|           |                              | clips for locing yes  |                |                      |
|           |                              | leads for lifting on both sides yes                           |                |                      |
|           |                              | Length in mm 200  |                |                      |
|           |                              | Breadth mm 150  |                |                      |
|           | Grove smart 48 multifunction | Sensors for moisure detection yes                             |                |                      |
| 40        |                              | Input Voltage in V 12   | Nes            | 1                    |
| 48        | farm Gadgets                 | Input Current in mA 0.1                                       | Nos            | 1                    |
|           | lailli Gaugets               | Power source DC   |                |                      |
|           |                              | Battery Include No  | 1              |                      |
|           |                              | Weight in gm 250  |                |                      |
|           |                              | Shoecover Ankel Length  |                |                      |
|           |                              | Water Proof & Dust proof Yes                                  | _              |                      |
|           |                              | Easy to wear yes  | 1              |                      |
|           |                              | Length in mm 400  |                |                      |
|           |                              | Weight gm 6.6   | -              |                      |
|           |                              | Cap Yes   | 1              |                      |
|           | Kisan Suraksha<br>Kawach     | Weight 30 gm  | Nos            | 10                   |
| 49        |                              | Material Non woven polypropylene                              |                |                      |
| 49        |                              | Length in Inch 18   |                |                      |
|           |                              | color Blue/Green  | -              |                      |
|           |                              | Safety Goggle Yes   | -              |                      |
|           |                              | weight in gm 30   | -              |                      |
|           |                              | Body Cover Yes  | -              |                      |
|           |                              | Material Spun Bond  | -              |                      |
|           |                              | Weight gsm 90   | -              |                      |
|           |                              | Material: Plastic+aluminium alloy                             |                |                      |
|           |                              | Accuracy: Degree Centigrade / Fahrenheit 1                    |                |                      |
|           |                              | Working Temperature: Degree Centigrade 5 to 40                | -              |                      |
|           | Soil Moisture                | Soil Temperature Measurement Range: Degree Centigrade 9 to 50 | _              |                      |
| 52        | Meter                        | Soil PH Measurement Range: 3.5-9.0                            | Nos            | 2                    |
|           |                              | Power Supply: in Volt 9                                       |                |                      |
|           |                              | Probe Length: cm 19.7   | -              |                      |
|           |                              | Item Weight: gm 80  | _              |                      |
|           |                              | Length in mm 320  |                |                      |
|           |                              | Usage Application Agriculture                                 |                |                      |
|           |                              |   | -              |                      |
| 51        | Compostable                  | CPCB & IIP Licensed for overall migration Yes                 | Nos            | 4                    |
| 91        | Multch sheet                 | CIPET Certified foe Biodegradability Yes                      | - 1.03         |                      |
|           |                              | Intertek certified for seal & pumpture Yes                    | -              |                      |
|           |                              | Packing Type Roll   |                |                      |

| S.<br>No. | Tools &<br>Equipment | Specification   | Unit<br>(type) | Per<br>school<br>qty |
|-----------|----------------------|---|----------------|----------------------|
|           |                      | Made in India Yes   |                |                      |
|           |                      | Color Black/Green   |                |                      |
|           |                      | Thickness in Micron 20 to 5   |                |                      |
|           |                      | Width in m 1  |                |                      |
|           |                      | size m/Roll 20  |                |                      |
|           |                      | 3D Lenticular Fruits and Vegetable Puzzle   |                |                      |
|           |                      | Material Type PAPER   |                |                      |
|           |                      | Height - inch 18  |                |                      |
|           |                      | WIDTH - inch 12   |                |                      |
|           |                      | TYPE GSM 70   |                |                      |
|           |                      | Quantity- Nos 1   |                |                      |
|           |                      | Agriculture Safety Posters (Laminated)  |                |                      |
|           |                      | Material Type PAPER   |                |                      |
|           | Teacher Learning     | Height - inch 18  |                |                      |
| 52        | Material             | WIDTH - inch 12   | Nos            | 25                   |
|           |                      | TYPE GSM 70   |                |                      |
|           |                      | Quantity- Nos 1   |                |                      |
|           |                      | Infographics (Agriculture Machinery)  |                |                      |
|           |                      | Material Type PAPER   |                |                      |
|           |                      | Height - inch 18  |                |                      |
|           |                      | WIDTH - inch 12   |                |                      |
|           |                      | TYPE GSM 70   |                |                      |
|           |                      | Quantity- Nos 1   |                |                      |
|           |                      | Marker 1  |                |                      |
|           |                      | Must contain bacteriology, climate, water, air, nature, chemical analysis, water and soil pollution, recycling and acid rain                            |                |                      |
|           |                      | No of Student supported 30  |                |                      |
|           | Ecology scout        | Tissue Paper Sheets 10  |                |                      |
| 53        | component            | Pipe Cleaners, Long 2   | Nos            | 1                    |
|           |                      | Brushes 3   |                |                      |
|           |                      | Cups 2  |                |                      |
|           |                      | Paper Straws 10   |                |                      |
|           |                      | Rubber Bands 5  |                |                      |
|           | Remote Voc           | Device is enable to serve multiple wifi system, android system through dedicated application. Provide access to offline and online content remotely Yes |                | _                    |
| 54        | Tutoring Device      | Operational voltage:- V 3.7   | Nos            | 1                    |
|           |                      | Charge Voltage:- V. 4.4 ~ 5.25  |                |                      |
|           |                      | Modulation: GFSK  |                |                      |

|           |   | List of Tools and Equipment  |                |                      |
|-----------|---|--|----------------|----------------------|
|           |   | Sector : Agriculture and Allied  |                |                      |
| S.<br>No. | Tools &<br>Equipment  | Specification  | Unit<br>(type) | Per<br>school<br>qty |
|           |   | Layout:- US TX   |                |                      |
|           |   | Power:- less than dBm. 4   |                |                      |
|           |   | Frequency tolerance:- ppm.   |                |                      |
|           |   | Power consumption:- mA(on), mA(sleep). 55/1  |                |                      |
|           |   | Battery Type:- Built-in lithium-ion battery Yes  |                |                      |
|           |   | Operating range:- meters(MAX), without signal disturbanceand no direction limit. 15  |                |                      |
|           |   | Flavours Unflavoured   |                |                      |
|           |   | Made with 62 Trace Minerals Yes  |                |                      |
|           | A   | For all Breed and Size Yes   |                |                      |
| 55        | Animal<br>Nourishmentsag  | Sag must contain customize and adjustable size   | Nos            | 2                    |
| ))        | Nourisimientsag   | Eliminate internal parasites, fluids, gases, allergens, toxins, and  | 1103           | 2                    |
|           |   | heavy metals Yes   |                |                      |
|           |   | Types of feeds 5   |                |                      |
|           |   | Qty each 50 gm   |                |                      |
| 56        | Pro tillage<br>augmentor  | Ready for direct application without any complex process, solubility must be 100 % in water with non toxic element, dosenot harm to childrens. Chemical composition must contain humic acid, fluic acid, civid. Applicable to Grains, Oilseeds, and all types of Horticulture methods                          | Nos            | 1                    |
| 57        | Infographics  | Infographic must contain- 1) Plant Kingdom 2) Typical Plant Cell 3) Plant Tissue 4) Plant Cell Meiosis 5) Plant Tissues 6) TS Root Monocot 7) Germination of Seed 8) Carbon Cycle 9) Medicinal Plant 10) Animal Husbandary. Length in feet 1 Height in feet 2 Material- gsm 300 paper sheet with laminator Yes | Nos            | 10                   |
| 58        | Field bio<br>degradable tool<br>kit   | The package must contain all necessary stuff. Style: Folding, Thickness 55 microns, easily degradable, Non toxic for Humans and animals. Sheeting for hands, feets, mulch for weeds mangement.   | Nos            | 1                    |
|           |   | Material of Blade Steel  |                |                      |
| 59        | Sickle  | Material of Handle Wooden  | Nos            | 2                    |
| 59        | Sickle  | Blade size mm 120  | Nos            | 2                    |
|           |   | Rust preventive coating Yes  |                |                      |
|           |   | Material of Blade Steel  |                |                      |
| 60        | Hedge Cutter  | Material of Handle Rubber  | Nos            | 2                    |
|           | age catter  | Blade size mm 250  | 1103           | _                    |
|           |   | Rust preventive coating Yes  |                |                      |
| 61        | Agri winnowing  Material typically V shaped in cross section with the midveinat the apex of the V |  | Nos            | 1                    |
|           | appliance   | Pattern Woven tab by weave, plain weave is the commonest weave pattern and far the easiest to make   | 1103           | _                    |

|           |                                  | List of Tools and Equipment Sector: Agriculture and Allied   |                |                      |
|-----------|----------------------------------|--|----------------|----------------------|
| S.<br>No. | Tools &<br>Equipment             | Specification  | Unit<br>(type) | Per<br>school<br>qty |
|           |                                  | Color Brown Thickness 10-15 mm. Easy to use and understand.  |                |                      |
| 62        | Food safe<br>keeping Box         | Box must useful tool to teach & learn about common adulterants and their detection for schools, teachers & parents. It comprises 102 simple tests for food adulterationalongwith Magic Box Companion Guidebook Contains basicchemicals & small instruments (Lactometer & Magnet). Acid/Alkali Solution required for some tests             | Nos            | 1                    |
|           |                                  | Must contain microbes that enhance plant nutrition by eitherby mobilizing or increasing nutrient availability in soils.  Permissible contamination level No contamination at 108 dilution pH 6.0–7.5 Nodulation test Should be positive,   |                | 2                    |
| 63        | Natural humus<br>land applicator | Nitrogen fixation Above 20 mg/g of glucose Not less than 10 mg/g of sucrose.Organic Content: 35-65% (Greater than 65% desirable for mulches, if "Stable" and Carbon:Nitrogen ratio over 20) "Maturity test": seedling germination and vigor should be >80% of the control. "Stability test": "Stable" or "Very Stable" rating based on CO2 | Nos            | 2                    |
| 64        | Spinning Drizzle                 | Range in feet 32-40  Material ASB Plastic  Rotary Arm 3  Spray Type Angle  Degree 360  Easy to use, satisfying all safety standards Yes  Durability High   | Nos            | 2                    |
| 65        | Leveling Stave                   | Material Wooden  Type: Leveler Attachment  Length in Inch 30-35  Width in inch 44716  Easy to handle yes  Operation Manual   | Nos            | 2                    |
| 66        | Moth Tape                        | easy to install and manage Yes  Applicable for all Moths Yes  Life days 40-45  Material Rubber septa  Non Hazardous Yes  Organic in % 80   | Nos            | 4                    |
| 67        | Seed Treating crock              | Minimal root disturbance promotes stronger, healthier plants Biodegradable Yes Material Clay Size Medium Lead cover Yes  | Nos            | 2                    |

|           |   | <u>List of Tools and Equipment</u><br>Sector: Agriculture and Allied  |                |                      |
|-----------|---|---|----------------|----------------------|
| S.<br>No. | Tools &<br>Equipment                    | Specification   | Unit<br>(type) | Per<br>school<br>qty |
| 68        | Loam Borer                              | compact telescoping Yes  Extension in inch 3 to 5  Cross Handle Yes  Material Stainless steel  ratcheting cross handle Optional  Rubber Grip Yes  | Nos            | 2                    |
| 69        | knap-trigger                            | MATERIAL PLASTIC  Easy to handle Yes  Fuction Semi-Automatic  Size Medium   | Nos            | 1                    |
| 70        | Binder Taper<br>Tool                    | Material Metal And plastic, Capacity Adjustable, Rust<br>Resistance Yes, Usage fixing plant and gardening   | Nos            | 2                    |
| 71        | Veg harvesttool                         | size 1.7 x 5.3 material Plastic Tool type garden scissor purpose harvesting pickle tool   | Nos            | 1                    |
| 72        | DRDO Water<br>Testing Kit               | Operational Type Manual, Paratmeter test Bacteria, Turbidity, TotalDissolved Solids (TDS), Residual Chlorine, Fluoride, Iron, Nitrate, pH,Total Hardness, Chloride, Sulphate, Technology Developed & certified by Constituent Laboratory under DRDO, Capacity to test sample in Nos. 50, Method of Testing Color Charts | Nos            | 1                    |
| 73        | Soil Organic<br>Carbon<br>Detection kit | Typical soil generally contains at least 45% inorganic components, 5% organic components, 25% air and 25% water on average basis.   | Nos            | 1                    |

|           | List of Tools and Equipment Sector : Agriculture and Allied |  |                |                      |  |  |
|-----------|---|--|----------------|----------------------|--|--|
| S.<br>No. | Tools &<br>Equipment  | Specification  | Unit<br>(type) | Per<br>school<br>qty |  |  |
| 74        | Smart Board   | Panel: Diagonal Size & Resolution-65" or Higher, UHD 3840 × 2160 pixels Light life-50,000 hrs or higher Brightness-400 nits or Higher: Touch screen: Touch technology & Touch Points-Infrared touch, 20 points or Higher Touch response time & Accuracy- < 8 ms or faster, ±1.0 mm or better: Inbuilt Configuration: CPU & Speed- Quad-core A73+ Quad-core A53 or later,2.2 GHz or Higher OS- Android 11.0 or later Memory RAM- 8GB or Higher Memory Storage- 128 GB or Higher: Connectivity: I/O Ports- 1 x VGA, 3 x HDMI 2.0 IN & 1 x HDMI 2.0,Out port, 1x DP, USB 2.0 x 2 + 3.0 x 2,USB -B x 2, 1 x USB C port, SPDIF x 1,RS232 x 1, LAN Port x 1: Audio Configuration: Microphone-8 or more Speaker, Subwoofer- 2 x 16 W Speaker & 1 x 16 W Subwoofer: Built-in: Functionalities-PM2.5 Particle sensor, Temperature, Humidity, Air, Motion Sensor, Flicker Free, Low Blue Light Connectivity-Bluetooth, WI Fi, NFC: Software: Functionalities: White Boarding, Wireless Screen Sharing, Quick Access Tool | Nos            | 1                    |  |  |
| 75        | dwarf weather<br>station                                    | use of dwarf weather station: to study the effects of weatheron the enivroment, weather kit contains: functional wind vane, an anemometer, thermometer and rain guage for measuring local weather conditions   | Nos            | 1                    |  |  |

## **Electronics:**

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |  |   |                |                      |  |
|------|--|--|---|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications                             |   | Unit<br>(type) | Per<br>school<br>qty |  |
| 1    | Bench Vice 125mm   | Steel Heavy-Duty BenchVice<br>125mm 5 in 1 | Steel Heavy-Duty Bench<br>Vice 125mm 5 in 1<br>Types: Fixed,<br>Construction: Cast Iron | Nos            | 1                    |  |
| 2    | Ruler (Steel)  | 30cm long                                  | 30cm long Nominal Size (cm)30   | Nos            | 10                   |  |

|      |                     |   | d Equipment ListSector: Ele<br>nnician - Other Home Appli  |                |                      |
|------|---------------------|---|--|----------------|----------------------|
| S.No | Tools & Equipment   | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |
| 3    | Measuring tape      | measuring tape of 5 meterx<br>19 mm   | measuring tape of 5<br>meter x 19 mm Size of<br>tape (LxW)(mmxmm)<br>600x25  | Nos            | 10                   |
| 4    | Micrometers         | Type - 103-137, Range - 0-<br>25mm<br>Accuracy- ±2μm , Mass-<br>175g Measuring faces:<br>Carbide tipped   | Type - 103-137, Range -0-<br>25mm<br>Accuracy- ±2µm, Mass-<br>175g Measuring faces:<br>Carbide tipped<br>Measurement Range<br>(mm) 100-125<br>Least Count / Resolution<br>0.01millimeter<br>Accuracy (Maximum<br>error in reading) at 20<br>deg C (±) 0.01<br>millimeter | Nos            | 2                    |
| 5    | Vernier Calipers    | 8" 200mm Digital LCD<br>Caliper Vernier Gauge<br>Micrometer Metal Housed<br>Digital Vernier Caliper - 6<br>inch - 150 mm                                  | 8" 200mm Digital LCD<br>Caliper Vernier Gauge<br>Micrometer Metal<br>Housed Digital Vernier<br>Caliper - 6 inch - 150 mm<br>External Measurement<br>Range<br>(mm) 0-160  | Nos            | 4                    |
| 6    | Standard wire guage | Imperial Wire Gauge   | Imperial Wire Gauge  | Nos            | 4                    |
| 7    | Filler Guage        | Stainless steel Accuracy: ± (3+T/80)µm • Range: 0.03-1.00 mm • Quantity of Leaves: 32 • Length: 100 mm  | Stainless steel Accuracy:<br>± (3+T/80)µm<br>• Range: 0.03-1.00 mm<br>• Quantity of Leaves:<br>32<br>• Length: 100 mm  | Nos            | 4                    |
| 8    | Dial Guage          | 0.001 mm X 1 mm dial gauge fitted with 8 jewels   | 0.001 mm X 1 mm dial<br>gauge fitted with 8<br>jewels Dial Gauge 0.01<br>mm x 25 mm , Nominal<br>Size of the Dial 50<br>millimeter,  | Nos            | 4                    |
| 9    | Try square          | Metal Try Square - angle cut<br>45Deg/ 90Deg, Casting<br>handle with hardened blade,<br>Engraving graduation on<br>blade.<br>• Size: 20.4 x 12.2 x 1.3 cm | cut 45Deg/ 90Deg,  | Nos            | 4                    |

|             |                   |   | d Equipment ListSector: Ele<br>nnician - Other Home Appli  |                |                      |
|-------------|-------------------|---|--|----------------|----------------------|
| <u>S.No</u> | Tools & Equipment | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |
|             |                   |   | • Size: 20.4 x 12.2 x 1.3 cm   |                |                      |
| 10          | Line tester       | Multi Purpose Digital Tester<br>with LCD Display and Neon<br>Bulb MDTN-82   | Multi Purpose Digital Tester with LCD Display and Neon Bulb MDTN- 82 Length of Blade in mm: 75, Size of Head: M 1.6  | Nos            | 10                   |
| 11          | Ammeter (AC & DC) | Electrodynamo meter type  | Electrodynamo meter<br>type Frequency Range<br>20Hz - 3 GHz,<br>Capture/Demodulation<br>Bandwidth (Max) 25<br>megaHertz  | Nos            | 5                    |
| 12          | Volt meter        | Product Type Moving Coil<br>Range 300V , Size 72 mm   | Product Type MovingCoil<br>Range 300V , Size 72 mm<br>Range of measurement :<br>Volt 0 to300 Volt, Size of<br>the meter ( in mm x in<br>mm)<br>: 48 x 48   | Nos            | 5                    |
| 13          | Watt meter        | Current coil in series of load & pressure coil acrossthe load. Work on "Air cored Electrode Dynamo- meter" principle. Range Current (A): 1 A to 10 A ACDirect and for higher ranges through CT/1 A or 5A Voltage (V): 110 V / 220 V / 440 V and Through PT for Higher Voltage Size 96 x 96 mm, 144 x 144 mm Accuracy Watt meter: ±1.5% of Full Scale Power Factor Meter: ±2° of Phase Angle | Current coil in series of load & pressure coil across the load. Work on "Air cored Electrode Dynamo-meter" principle. Range Current (A): 1 A to 10 A AC Direct and for higher ranges through CT/1 A or 5 A Voltage (V): 110 V / 220 V / 440 V and Through PT for Higher Voltage Size 96 x 96 mm, 144 x 144 mm Accuracy Watt meter: ±1.5% of Full Scale Power Factor Meter: ±2° of Phase Angle Maximum Power (Watt), DC Voltage | Nos            | 5                    |

|      |                                 |  | d Equipment ListSector: Ele<br>hnician - Other Home Appli   | -              |                      |
|------|---------------------------------|--|---|----------------|----------------------|
| S.No | Tools & Equipment               | Specifications   |   | Unit<br>(type) | Per<br>school<br>qty |
|      |                                 |  | Output Rating (Volt) - Oto<br>30  |                |                      |
| 14   | Energy meter analog(3-digital1) | Electric KWH Meter Multi<br>Tarif KWH Meter.<br>Certification:<br>CE/ROHS Reference Basic<br>Current: 10(50)A Output<br>Voltage: 127/230V  | Electric KWH Meter Multi<br>Tarif KWH Meter.<br>Certification:<br>CE/ROHS Reference<br>Basic Current: 10(50)A<br>Output Voltage:<br>127/230V Reference<br>Voltage-240 Volt, Basic<br>Current: 10 Ampère   | Nos            | 5                    |
| 15   | Ohmmeter                        | Megger type  | Megger type Type of<br>meter: Moving iron, AC<br>Voltage, Single Phase<br>support, Range of<br>measurement: 0 Volt to<br>150 Volt   | Nos            | 4                    |
| 16   | Aluminium wire                  | Digital DMM - Current, Voltage, Capacitance, Frequency & Resistance Measurement., Frequency Range: 99.99-20.00 MHz, DC Voltage Range: 400mV/4/40/400/1000V, AC Current Accuracy: ±(2.0%rdg + 4dgt), Duty Cycle: 0.1-99.9%, SP Function: Diode test, Audible Continuity, Data Hold. | Digital DMM - Current, Voltage, Capacitance, Frequency & Resistance Measurement., Frequency Range: 99.99- 20.00 MHz, DC Voltage Range: 400mV/4/40/400/1000 V, AC Current Accuracy: ±(2.0%rdg + 4dgt), Duty Cycle: 0.1-99.9%, SP Function: Diode test, Audible Continuity, Data Hold. Type: Hand Held, Measurement Type: True RMS, DC Voltage Range - 600 Volt, AC | Nos            | 10                   |

| Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |                                |   |   |                |                      |
|--|--------------------------------|---|---|----------------|----------------------|
| S.No   | Tools & Equipment              | Specifications  |   | Unit<br>(type) | Per<br>school<br>qty |
|  |                                |   | Voltage Range : 600Volt   |                |                      |
| 17   | Frequency meter                | Displays System Frequency<br>Up to 50 hz.   | Displays System Frequency Up to 50 hz. Type: Analog Pointer type, Measuring range: 45 to 65 Hz  | Nos            | 2                    |
| 18   | Power factor meter             | Power India Meters Single<br>Phase Digital Multi- function  | Power India Meters Single Phase Digital Multi-function Input voltage:230 V, Size of the meter ( in mm x in mm): 96 x 96   | Nos            | 2                    |
| 19   | Digital volt meter and ammeter | Blue Red Dual LED Display Size: 48mm x 29mm x 21mm. Display color: Red & Blue LED (dual display). Display: 0.28" LED digital. • Operating voltage: DC 4.5 ~ 30V. Measure voltage: DC 0 ~ 100V. Minimum resolution (V):0.1V. Operating Current: <20mA. • Measure current: 10A (direct measurement, built- in shunt). Operating temperature: -10 to 65°c. Operating Humidity: 10 to 80% (non-condensing). Mounting cutout: 45.5mm x 26.5mm. | Blue Red Dual LEDDisplay Size: 48mm x 29mm x 21mm. Display color: Red & Blue LED (dual display). Display: 0.28"LED digital.  • Operating voltage: DC 4.5 ~ 30V. Measure voltage: DC 0 ~ 100V. Minimum resolution (V): 0.1V. Operating Current: <20mA.  • Measure current: 10A (direct measurement, built-in shunt). Operating temperature: -10 to 65°c. Operating Humidity: 10 to 80% (non-condensing). Mounting cutout: 45.5mm x 26.5mm. | Nos            | 2                    |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |  |   |                |                      |  |
|------|--|--|---|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications   |   | Unit<br>(type) | Per<br>school<br>qty |  |
|      |  |  | Voltmeter:Range of measurement: 0 Volt to 500 Volt, Size of the meter (in mm x in mm): 48 x 48; Ammeter: 0 A to 30 A, Size of the meter (in mm x in mm):72 x 72, Type of meter: Moving iron   |                |                      |  |
| 20   | Tachometer   | RPM gauge  | RPM gauge Type:Microprocessor Based, Accuracy (pH): +- 0.05, Temperature Compensation, Type: Automatic, Temperature Accuracy (Degree C):+- 0.3, LED /LCD / Touch Screen, 3 digits   | Nos            | 2                    |  |
| 21   | Synchroscope   | Universal ppts Standard -<br>1248-5 Type: Electronic<br>Synchroscope Meter<br>Frequency Range: 35-70 Hz<br>Input Voltage: 127/120V<br>Front dimension: 96x96 | Universal ppts Standard - 1248-5 Type: Electronic Synchroscope Meter Frequency Range: 35-70 Hz Input Voltage:127/120V Front dimension: 96x96 Type of meter: Analong Vibrating - reed type Ratings: 200-250V AC Measuring range: 45 to 55 Hz | Nos            | 2                    |  |

|      |  |  | d Equipment ListSector: Ele<br>hnician - Other Home Appli  |                |                      |
|------|--|--|--|----------------|----------------------|
| S.No | Tools & Equipment                        | Specifications   |  | Unit<br>(type) | Per<br>school<br>qty |
| 22   | Electrician's Scissors                   | Metal blade - high carbon<br>steel   | Metal blade - high<br>carbon steel Blade<br>Length (mm): 100<br>millimeter, Overall<br>Length (mm): 192, Blade<br>Thickness (mm): 2  | Nos            | 5                    |
| 23   | Hand operated shearing machine           | Spring type - Material Cast<br>IronHeight- 2.5 Feet<br>Weight: 5-7 K   | Spring type - Material Cast Iron Height- 2.5 Feet Weight: 5-7 K Type of Hand Operated Shearing Machine Spring type lever handCutting capacity for sheet material in mm upto 1 mm Cutting capacity for round material in mm 1 to 5 Warranty in years 1 Material of body MS Cutting blade length in inch 6 | Nos            | 2                    |
| 24   | Pipe cutter                              | Professional pipe cutting<br>tool Type: Slip Joint Pliers,<br>Handle Material: High quty<br>aluminum alloy   | Professional pipe cutting<br>tool Type: SlipJoint Pliers,<br>Handle Material: High<br>quty<br>aluminum alloy   | Nos            | 2                    |
| 25   | Hacksaw frame with blade                 | Tubular with Die cast<br>handle. Fitted with 12"<br>Chrome Alloy Steel Blade   | Tubular with Die cast<br>handle. Fitted with 12"<br>Chrome Alloy Steel Blade<br>Nominal Lengthof blades<br>(mm)-300, Width of<br>blades (mm):<br>12.5  | Nos            | 4                    |
| 26   | Electric Drill Machine with Drilling bit | simple drill 10mm + 6hss<br>bits+ 1 masonry bit, power:<br>300watts, rpm: 2300rpm,<br>voltage-220, motor: copper,<br>outer body: pvc and metal,<br>domestic drilling machine | simple drill 10mm + 6hss<br>bits+ 1 masonry bit,<br>power: 300watts, rpm:<br>2300rpm, voltage-220,<br>motor: copper, outer<br>body: pvc and metal,<br>domestic drillingmachine<br>Number of drill bits<br>provided-1,<br>Power supply - 230 V,   | Nos            | 2                    |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |  |  |                |                      |  |
|------|--|--|--|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications   |  | Unit<br>(type) | Per<br>school<br>qty |  |
|      |  |  | 50 Hz,Single Phase,<br>Rotation speed of the<br>Hammer (in rpm) - 1000   |                |                      |  |
| 27   | Grinder  | 6" Grinder For Sharpening&<br>Grinding used for<br>sharpening and grinding<br>with clamping base which<br>attaches to any table or<br>workbench with grinding<br>wheel | 6" Grinder For Sharpening & Grinding used for sharpening and grinding with clamping base which attaches to any table or workbench with grinding wheel Type of machine Drum & Stone roller type Wet Grinder(Automatic), Maximum Drum Capacity(Ltr):9.5, Grinding Cycle Time(Minute): 10 | Nos            | 2                    |  |
| 28   | Chisel 12mm  | Chisel 12mm with Sturdy<br>Wood Handle and chromium<br>steel blade   | Chisel 12mm with Sturdy<br>Wood Handleand<br>chromium steel<br>blade   | Nos            | 5                    |  |
| 29   | Chisel 36mm  | Chisel 36 mm with Sturdy<br>Wood Handle and chromium<br>steel blade  | Chisel 36 mm with Sturdy<br>Wood Handle and<br>chromium steel blade<br>Length of blade<br>in mm: 28  | Nos            | 5                    |  |
| 30   | Rasp file  | 8" Wood Rasp File Set with<br>Rubber Grip + Plastic<br>Handles - Includes Hand Cut<br>Round, Half-round, andFlat<br>Rasp File Kit                                      | 8" Wood Rasp File Set<br>with Rubber Grip +<br>Plastic Handles - Includes<br>Hand Cut Round, Half-<br>round, and Flat Rasp File<br>Kit Types of Engineer's<br>fileS-Half round, Grades<br>of Cuts: Bastard,<br>Material: Alloy<br>Steel  | Nos            | 5                    |  |
| 31   | Hand saw   | 14" handsaw with wooden handle   | 14" handsaw with wooden handle Length of handsaw blade in cm: 500  | Nos            | 5                    |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |  |   |                |                      |  |
|------|--|--|---|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications   |   | Unit<br>(type) | Per<br>school<br>qty |  |
| 32   | Tennon saw   | File sharpened teeth with plain hardened cutting edges. Impact resistant handle.   | File sharpened teeth with plain hardened cutting edges. Impactresistant handle. Material of handle Wooden Thickness of blade inmm 1 Material of Blade Hardened and tempered steel stripsNumber of teeth per inch 20 | Nos            | 5                    |  |
| 33   | Punch with bit 8no&<br>10no  | Punch Holder with 8mm<br>and 10mm bit  | Punch Holder with 8mm and 10mm bit D  | Nos            | 2                    |  |
| 34   | Spanner Set  | 8 spanners of the following sizes: 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm made of chromium steel coated with Nickel Chrome alloy | 8 spanners of the following sizes: 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm made of chromium steel coated with Nickel Chrome alloy Set of 8 pieces                | Nos            | 2                    |  |
| 35   | Screw driver Kit   | Screwdriver kit of 8 blades with tester, flat tip: 3. 25, 4. 5, 5 Mm, philips no - 0, 1, 2, pocker and extensionrod. Blade material made from manganese steel                        | Screwdriver kit of 8<br>blades with tester, flat<br>tip: 3. 25, 4. 5, 5 Mm,<br>philips no - 0, 1, 2, pocker<br>and extension rod. Blade<br>material made from<br>manganese<br>steel Kit not available               | Nos            | 5                    |  |
| 36   | Mallet   | Hard non corrosive steel with wooden or Rubbergrip on handle.  | Hard non corrosive steel with wooden or Rubber grip on handle.  | Nos            | 3                    |  |
| 37   | Ball peen hammer   | Hard non corrosive steelwith wooden or Rubber grip on handle.  |   | Nos            | 3                    |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |   |                |                      |  |  |
|------|--|---|---|----------------|----------------------|--|--|
| S.No | Tools & Equipment  | Specifications  |   | Unit<br>(type) | Per<br>school<br>qty |  |  |
| 38   | Claw hammer  | Hard non corrosive steelwith wooden or Rubber grip on handle.   |   | Nos            | 3                    |  |  |
| 39   | Plier set of 4   | 4-piece pliers set includes 8-inch slip joint, 8-inch long nose, 8-inch lineman, and 7-inch diagonal/side cutting with insulated thickrubber covered handles.   | 4-piece pliers set includes 8-inch slip joint, 8-inch long nose,8-inch lineman, and 7-inch diagonal/side cutting with insulated thick rubber covered handles. Kit not available   | Nos            | 3                    |  |  |
| 40   | Rheostat 0-10ohm   | 0 to 10 ohm   | 0 to 10 ohm Resistance<br>(in Ohm) Rating of<br>Rheostat 10<br>Current (in Ampere)<br>Rating of Rheostat 0.15   | Nos            | 2                    |  |  |
| 41   | Rheostat 0-30ohm   | Power ratings range (100w)  | 0 to 30 ohm   | Nos            | 2                    |  |  |
| 42   | Wire stripper  | Electrical insulation from electric wires.  | Electrical insulation from electric wires.  | Nos            | 2                    |  |  |
| 43   | Poker screwdriver  | 95mm Poker Screwdriver<br>Made out of High Grade<br>Steel and Transparent green<br>cellulose acetate handle   | 95mm PokerScrewdriver<br>Made out of High Grade<br>Steel and Transparent<br>green cellulose acetate<br>handle   | Nos            | 5                    |  |  |
| 44   | Grease gun   | Grease Gun with Aluminum Die cast head complete with Universal Nozzle with Rubber Seal, tool box size grease gun with bulk fill capacity of upto 120 gms • Die cast grease gun head • 4" steel extension and 3 jaw coupler without ball check | Grease Gun with Aluminum Die cast head complete with Universal Nozzle with Rubber Seal, tool box size grease gun with bulk fill capacity of upto 120 gms • Die cast grease gun head • 4" steel extension and 3 jaw coupler without ball check | Nos            | 2                    |  |  |

| Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |                   |  |  |                |                      |
|--|-------------------|--|--|----------------|----------------------|
| S.No   | Tools & Equipment | Specifications   |  | Unit<br>(type) | Per<br>school<br>qty |
| 45   | Oil cane          | Lever type 500 ml, high grade steel body with powder coated finish, steel pump, body. With 9" flexible PVC spout. Metal pump with 2 ball valves for large volume delivery per stroke | Lever type 500 ml , high grade steel body with powder coated finish, steel pump , body. With 9" flexible PVC spout. Metal pump with 2 ball valves for large volume delivery per stroke Type of Spout Removable Handle With Oil Can Yes Printed Logo as Per Buyer Requirement No Dispensation Gravity Material of Oil Can Stainless Steel Material of Nozzle Stainless Steel Capacity of Oil Can (Inml) 250 Length of Spout (in MM) 100 | Nos            | 2                    |
| 46   | Electrician knife | Folding Knife for Cable<br>Stripping and Cutting. 4.5"<br>Insulated nylon handle<br>3 3/8" blade   | Folding Knife for Cable Stripping and Cutting. 4.5" Insulated nylon handle 3 3/8" blade Type of Cutter Knife Paper cutter knife (Snap offblade) Material of Body Plastic Material of Blade Carbon Steel Length of Blade (in mm) 99 millimeter Width of Blade (in mm) 24.9 millimeter Thickness of Blades (inmm) 0.5 millimeter   | Nos            | 5                    |
| 47   | Adjustable wrench | adjustable Wrench of 6 inches of high grade forging quality steel and heat treated in the range of 40 to 50 HRC  | adjustable Wrench of 6 inches of high grade forging quality steel and heat treated in the range of 40 to 50 HRC Nominal size of  | Nos            | 4                    |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |  |                |                      |  |
|------|--|---|--|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |  |
|      |  |   | Wrenches (length inmm): 250  |                |                      |  |
| 48   | Assorted wire<br>Connectors  | Quantity: 80 pcs - Min 10 of each kind wof different sizes Red Connectors: 0.4mm to 1mm²/22-16AWG Wire Blue Connector: 1.1mm to 2.6mm²/16-14AWG Wire Yellow Connector: 2.5mm to 6.5mm²/12-10AWG Wire 1. Twist-On WireConnectors 2. Winged Twist-On Wire Connectors 3.Trimp-On Wire Connectors 4.nderground Wire Connectors 5.Waterproof Wire Connectors 6 Push-In Wire Connectors | Quantity: 80 pcs - Min10 of each kind wof different sizes Red Connectors: 0.4mm to 1mm² / 22-16AWG Wire Blue Connector: 1.1mm to 2.6mm² / 16-14AWG Wire Yellow Connector: 2.5mm to 6.5mm² / 12-10AWG Wire 1. Twist-On Wire Connectors 2. Winged Twist-OnWire Connectors 3.Trimp-On Wire Connectors 4.nderground Wire Connectors 5.Waterproof Wire Connectors 6 Push-In Wire Connectors | Nos            | 2                    |  |
| 49   | Wire Stripper, Cutter,<br>Crimper and Pliers   | Multi crimp and stripper pliers Product Dimensions 8.2 x 2.6 x 0.6 inches with insulated Rubber grips   | Multi crimp and stripper pliers Product Dimensions 8.2 x 2.6 x 0.6 inches with insulated Rubber grips Length of Hand Tool in mm 125  | Nos            | 4                    |  |
| 50   | Firmer chisel  | High-Quality Chrome<br>Vanadium Steel Hardened<br>to RC 58 with wooden/<br>rubberised handle and grip   | High-Quality Chrome Vanadium Steel Hardened to RC 58 with wooden/ rubberised handle and grip Nominal size in mm 25   | Nos            | 4                    |  |
| 51   | Files  | For filing the records<br>measure 8 5/8 inches in<br>height (for the front flap), 9<br>5/8 inches in height (for  | For filing the records<br>measure 8 5/8 inches in<br>height (for the front<br>flap), 9 5/8 inches in   | Nos            | 2                    |  |

|      |                        |   | d Equipment ListSector: Ele<br>nnician - Other Home Appli   |                |                      |
|------|------------------------|---|---|----------------|----------------------|
| S.No | Tools & Equipment      | Specifications  |   | Unit<br>(type) | Per<br>school<br>qty |
|      |                        | the back flap), and 11 3/4 inches in width  | height (for the back flap),<br>and 11 3/4 inchesin<br>width   |                |                      |
| 52   | Capacitor              | Used in Ceiling fans 450V AC<br>2uF 50/60Hz<br>Polypropylene Film Motor<br>Start Run Capacitor CBB61  | Used in Ceiling fans 450V<br>AC 2uF 50/60Hz<br>Polypropylene Film<br>Motor Start Run<br>Capacitor CBB61 OEM<br>Product  | Nos            | 5                    |
| 53   | Dimmer stat            | Resistance coil/inductioncoil   | Resistance coil/induction<br>coil Suitable for fan upto<br>100W   | Nos            | 2                    |
| 54   | Stopwatch with Battery | Digital Stopwatch with<br>Battery. 12 hour display<br>format  | Digital Stopwatch with<br>Battery. 12 hour display<br>format Display: LED,<br>Power Requirements:<br>Battery, Display: LED,<br>Cabinet Material:<br>Plastic, Wooden | Nos            | 2                    |
| 55   | Solder Wire            | Solder Wire (tin/lead) -<br>60/40<br>18 SWG   | Solder Wire (tin/lead) -<br>60/40<br>18 SWG   | kg             | 2                    |
| 56   | Copper Wire            | Copper Wire for electrical fitting  | Copper Wire for electrical fitting Type of insulation:PVC, Price/meter  | kg             | 2                    |
| 57   | Aluminium wire         | Aluminium wire forelectrical fitting  | Aluminium wire for<br>electrical fitting 2 CORE<br>16MM, Cable Size (Sq-<br>mm): 2.5, Type of Cable<br>-Flat, Type of Conductor<br>- Three Strand                   | kg             | 2                    |
| 58   | Enamel aluminum wire   | Aluminum - (units in Kg) Polyesterimide overcoated with polyamide-imide enamelled Round Aluminium Wire, Class 200 IS 13730/ IEC 60317 Part 25: 1993 6 swg to 37 swg | Aluminum - (units in Kg) Polyesterimide overcoated with polyamide-imide enamelled Round Aluminium Wire, Class 200 IS 13730/IEC 60317 Part 25: 1993 6 swg to 37 swg  | Kg             | 2                    |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |  |                |                      |  |  |
|------|--|---|--|----------------|----------------------|--|--|
| S.No | Tools & Equipment  | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |  |  |
| 59   | Enamel copper wire   | Copper - (Units in Kg) Polyesterimide overcoated with IS 13730/ 8 swg to 43 swg polyamide-imide enamelled IEC 60317 4.06mm to 0.091 mm Round Copper Wire, Class 200 Part 13: 1993 | Copper - (Units in Kg) Polyesterimide overcoated with IS 13730/8 swg to 43 swg polyamide-imide enamelled IEC 60317 4.06 mm to 0.091 mm Round Copper Wire, Class 200 Part 13: 1993 Nominal conductor diameter without bonding layer (in mm) 4.000 Nominal conductor diameter with a bonding layer (in mm) Not applicable for wires without bonding layer Packaging Placed in Plastic Containers | Kg             | 1                    |  |  |
| 60   | Cello Tape   | 1 Inch 65mtrs Cello Tape  | 1 Inch 65mtrs Cello<br>Tape Tape Length(Meter)<br>- 50   | Nos            | 5                    |  |  |
| 61   | PVC InsulationTape   | 0.125mmX18mm 10 Yards Self Adhesive PVC Electrical Insulation Tape-colored pack of 4 Sunlight Resistant, Pressure Sensitive VinylElectrical Tape                                  | 0.125mmX18mm 10 Yards Self Adhesive PVC Electrical Insulation Tape-colored pack of 4 Sunlight Resistant, Pressure Sensitive Vinyl Electrical Tape Length of Tape on a roll (meter) -25   | Nos            | 5                    |  |  |
| 62   | Flexible Pipe  | Units in Mtrs Material :PVC Thickness: 1 - 5mm Feature :Self-extinguishing Length :2-10M Nominal pressure: 2 bar  | Units in Mtrs Material<br>:PVC Thickness: 1 - 5mm<br>Feature :Self-<br>extinguishing Length :2-<br>10M<br>Nominal pressure: 2 bar<br>Material of Waste Fitting<br>Brass conformingto<br>Grade 3 of IS 292/1961<br>Nominal Size 32 mm for<br>washbasin  | Mtrs           | 10                   |  |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |  |  |                |                      |  |  |
|------|--|--|--|----------------|----------------------|--|--|
| S.No | Tools & Equipment  | Specifications   |  | Unit<br>(type) | Per<br>school<br>qty |  |  |
| 63   | Soldering iron   | Modular with rubber grip<br>and holder - 1-Piece 30W<br>Soldering Iron, 2 Soldering<br>Tips and 1 Safety Stand<br>Standard: IS 959: 1994 (<br>Reaffirmed 2004) | Modular with rubber grip<br>and holder - 1-Piece30W<br>Soldering Iron, 2<br>Soldering Tips and 1<br>Safety Stand Standard: IS<br>959: 1994 (<br>Reaffirmed 2004)             | Nos            | 5                    |  |  |
| 64   | Modular Switches   | 16a 240v 2 Way Bell Switch<br>-21, 10Amps 240V, 1 way<br>switc- 3 with suitable plates   | 16a 240v 2 Way Bell<br>Switch -21, 10Amps<br>240V, 1 way switc- 3 with<br>suitable plates 16 AMP<br>SWITCH MODULAR<br>(Havells Oro)  | Nos            | 10                   |  |  |
| 65   | Modulare sockets   | Combined Box 2 Hole WH<br>Switch, 20 Amp, White  | Combined Box 2 HoleWH Switch, 20 Amp, White SWITCH &SOCKET COMBINE (Anchor) (SWITCH &SOCKET COMBINE)   | Nos            | 5                    |  |  |
| 66   | Wiring boards  | 5v/3.4 A PCB Board   | 5v/3.4 A PCB Board   | Nos            | 5                    |  |  |
| 67   | Lead acid battery  | Battery Type :Sealed Type<br>Voltage(volts) :100Ah<br>900A(EN)12V<br>Adhering to BIS standards   | Battery Type :SealedType<br>Voltage(volts) :100Ah<br>900A(EN)12V<br>Adhering to BIS<br>standards BatteryVoltage<br>12 Volt<br>Battery Capacity (in Ah)<br>at 10 H Rate 20 Ah | Nos            | 2                    |  |  |
| 68   | MCB's  | Miniature Circuit<br>Breaker)blue,black,green.<br>activated automatically:<br>Standards: IEC60898  | Miniature Circuit<br>Breaker)blue,black,gree<br>n. activated<br>automatically: Standards:<br>IEC60898 Rated Voltage<br>(Volt) -240 VOLT, Rated<br>Current (Ampere) - 63 A    | Nos            | 4                    |  |  |
| 69   | Power supply voltage switch  | Manual Switch block ithat selects one of its two inputs to pass through to the output.   | Manual Switch block ithat selects one of its two inputs to pass through to the output.  Maximum Power (Watt)- 120 watts, DC Current Output Rating (Ampere) - 0 to 4,         | Nos            | 3                    |  |  |

|             | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |  |                |                      |  |
|-------------|--|---|--|----------------|----------------------|--|
| <u>S.No</u> | Tools & Equipment  | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |  |
| 70          | Desoldering pump & wire  | Manual / Electirc Vacuum<br>Desoldering Pump  | Manual / Electirc Vacuum Desoldering Pump Temperature range 50 deg C to 450deg C, Power cord length (Minimum) 1.2 Mtrs                                       | Nos            | 2                    |  |
| 71          | Water Gauge  | Dial Size: 3 inch Accuracy: 2 % Case Bezel: SS 304 Wetted Parts: SS 304,SS 316,Brass Range: Vacuum to 2000 kg/cm2 Liquid filled: Glycerin OrDry | Dial Size: 3 inch Accuracy<br>: 2 % Case Bezel: SS 304<br>Wetted Parts: SS 304<br>,SS 316,Brass Range:<br>Vacuum to 2000 kg/cm2<br>Liquid filled: GlycerinOr | Nos            | 5                    |  |
| 72          | Cables   | 10/14 copper wires1mm×2 core  | 10/14 copper wires<br>1mm×2 core RR CABLES<br>COPPER WIRE<br>FR PVC 1.5MM  | Mtrs           | 50                   |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |  |   |                |                      |  |  |
|------|--|--|---|----------------|----------------------|--|--|
| S.No | Tools & Equipment  | Specifications   |   | Unit<br>(type) | Per<br>school<br>qty |  |  |
| 73   | TDS Meter  | TDS Range 0 - 9990 ppm (mg/L) Power source 2 x 1.5V button cell batteries (included)(LR44 or equivalent) Battery life 1000 hours of usage Dimensions 15.5 x 3.1 x 2.3cm Weight with case 76.5g Temp. Range 0 - 80 degrees Celsius Resolution 0-999: 1 ppm; 1000-9990: 10 ppm (indicated by a 'x10' icon) Temperature Resolution 0.1 degree Celsius (Celsius only) Accuracy +/- 2% EC-to-TDS Conversion Factor NaCl (avg. 0.5) ATC Built-in sensor for Automatic Temperature Compensation of 1 to 50degrees Celsius | TDS Range 0 - 9990 ppm (mg/L) Power source 2 x 1.5V button cell batteries (included)(LR44 or equivalent) Battery life 1000 hoursof usage Dimensions 15.5 x 3.1 x 2.3cm Weight with case 76.5g Temp. Range 0 - 80 degrees Celsius Resolution 0-999: 1 ppm; 1000-9990: 10 ppm (indicated by a 'x10' icon) Temperature Resolution 0.1 degree Celsius (Celsius only) Accuracy +/- 2% EC-to-TDS Conversion Factor NaCl (avg. 0.5) ATC Built-in sensor for Automatic Temperature Compensation of 1 to 50 degrees Celsius Calibration: Automatic, Type of Meter / Analyzer: Handheld | Nos            | 2                    |  |  |
| 74   | Water Purifier   | Capacity: 0-5 L Certification: NSF, ISO Purifier Type: Electric Purification Capacity(Per Hour): 10-15 liters/Hour Features: Auto Shut-Off, Smart Indicator Technology- RO+UV+UF+TDS, primary material - plastic, minimum input water Tempareture - 10 dgree C,weight- 9.4kg,  | Capacity: 0-5 L Certification: NSF, ISO Purifier Type: Electric Purification Capacity(Per Hour): 10-15 liters/Hour Features: Auto Shut- Off, Smart Indicator Technology- RO+UV+UF+TDS, primary material - plastic , minimum inputwater Tempareture -10dgree C, weight- 9.4kg, Type-Gravity operated   | Nos            | 1                    |  |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |   |                |                      |  |
|------|--|---|---|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications  |   | Unit<br>(type) | Per<br>school<br>qty |  |
|      |  |   | water purifier,<br>nput Water TDS-2000  |                |                      |  |
| 75   | Micro wave oven grill, convention type   | Technical Specifications  •Microwave Frequency (MHZ)2450  •Power Source (V~HZ)230~50  •Microwave Power Consumption (Watts)1400  •Grill Power Consumption (Watts)1000  Specifications • Weight & Dimensions •Net Weight (KG)Approx 14.5  •Outer Dimension (H X W X D-mm)281 x 483 x 425  •Turntable Diameter (mm)270  Aesthetics •ColourBlack + Floral Design  •CavityPowder Coated  •DisplayLCD (Cooking time/Power/Action indicators and time Displayed )  • Features •ClockYes  • Safety •Overheating ProtectionYes  •Child Safety LockYes  • Performance  •Microwave Output (Watts)900 | Technical Specifications  Microwave Frequency (MHZ)2450  Power Source (V~HZ)230~50  Microwave Power Consumption (Watts)1400  Grill Power Consumption (Watts)1000  Specifications • Weight& Dimensions •Net Weight (KG)Approx 14.5  Outer Dimension (H XW X D-mm)281 x 483 x 425  Turntable Diameter (mm)270  Aesthetics  ColourBlack + Floral Design  CavityPowder Coated  DisplayLCD ( Cooking time/Power/Action indicators and time Displayed )  Features •ClockYes  Safety •Overheating ProtectionYes  Child Safety LockYes  Performance  Microwave Output | Nos            | 1                    |  |

|      | <u>Tools and Equipment List</u> Sector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |   |                |                      |  |
|------|--|---|---|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications  |   | Unit<br>(type) | Per<br>school<br>qty |  |
|      |  |   | (Watts)900 Grill Heating<br>Power(Watts)601-800,<br>Capacity / Volume<br>(Litres):20  |                |                      |  |
| 76   | Mixer-grinder  | 3 hardened stainless steel blades for multiple functions • 1.5 Litre liquidizing jar, 1 Litre wet/dry grinding jar, 0.4 Litre chutney jar • Warranty: 2 years on product • Power: 500 watts; Operating voltage: 230volts • Includes: Mixer grinder, 3 Jars, 3 Blades, | 3 hardened stainless steel blades for multiple functions • 1.5 Litre liquidizingjar, 1 Litre wet/dry grinding jar, 0.4 Litrechutney jar • Warranty: 2 years on product • Power: 500 watts; Operating voltage: 230 volts • Includes: Mixer grinder, 3 Jars, 3 Blades, Capacity of bowl (kg) 5 Arm shaft Motor location Bottom Dough Material Mechanism Rotatingarm only Dough rotating Device Blade Height of bowl 525 | Nos            | 1                    |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |  |                |                      |  |
|------|--|---|--|----------------|----------------------|--|
| S.No | Tools & Equipment  | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |  |
|      |  |   | Bowl inner Diameter650   |                |                      |  |
| 77   | Juicer   | •Capacity: 100-500 ml •No. Of Jar: 6 •Speed Setting: 1 •Power: 500 Watts •Body Material: Plastic and Metal •No. Of Attachement: 4 | Capacity: 100-500 ml  No. Of Jar: 6  Speed Setting: 1  Power: 500 Watts  Body Material: Plastic and Metal  No. Of Attachement: 4  Type of Juicer Centrifugal Juicer Material of Body  ABS Plastic  Material of pusher for Centrifugal Juicer and Masticating Juicer ABS Plastic  Material of Mesh Filter for Citrus juicer Stainless  Steel 304 Material of Juice Collecting Jug  Polycarbonate Capacity of pulp container (in Kg) 1.5 |                | 2                    |  |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |   |                |                      |
|------|--|---|---|----------------|----------------------|
| S.No | Tools & Equipment  | Specifications  |   | Unit<br>(type) | Per<br>school<br>qty |
| 78   | Clamp Meter  | Display: 3 -1/2 digits  With 1999 Counts, Operating Temperature & Humidity: 0 deg C To 50 deg C, < 80% RH, Storage Temperature: -20 deg C To60 deg C, < 80% RH  | Display: 3 -1/2 digits Â With 1999 Counts, Operating Temperature& Humidity: 0 deg C To50 deg C, < 80% RH, Storage Temperature: - 20 deg C To 60 deg C, < 80% RH Display 4 digit Backlit LCD Measurement Type True RMS count 4000 Resistance Measurement Range 100 kiloOhm   | Nos            | 2                    |
| 79   | Pipe wrench  | Nominal Size of Pipe wrench<br>(in mm)- 450, Jaw thickness<br>of Pipe Wrench (in mm)- 21,<br>Maximum capacity of Pipe<br>wrench (inmm) - 65,<br>Approximate length of<br>handle (in mm)- 260,<br>Approximate length of<br>movable jaw(in mm)- 200,<br>Material of Frame- Wrought<br>Steel,Material forSpring -<br>Steel | Nominal Size of Pipe wrench (in mm)- 450, Jaw thickness of Pipe Wrench (in mm)- 21, Maximum capacity of Pipe wrench (in mm) - 65, Approximate lengthof handle (in mm)- 260, Approximate length of movable jaw(in mm)- 200, Material of Frame-Wrought Steel, Material for Spring - Steel Nominal Size of Pipe wrench (in mm)-250, Jaw thickness of Pipe Wrench (in mm) 17 Maximum capacity of Pipe wrench (in mm) 26 |                | 2                    |
| 80   | Soldering Flux   | Temperature range 50 deg C to 450 deg C, Temperature accuracy ± 10deg C, Temperature stability ± 5 deg C, Out put voltage -12 V, Power consumption - 150 W to 300 W   | deg C to 450 deg C,<br>Temperature accuracy ±<br>10 deg C, Temperature<br>stability ± 5 deg C, Out  | Nos            | 10                   |

|      | Tools and Equipment ListSector: Electronics;  Job Role: Field Technician - Other Home Appliances |   |  |                |                      |
|------|--|---|--|----------------|----------------------|
| S.No | Tools & Equipment  | Specifications  |  | Unit<br>(type) | Per<br>school<br>qty |
| 81   | Hand glove   | Material: Polyurethane coating, Anti-static nylon/carbon yarn | Material: Polyurethane coating, Anti-static nylon/carbon yarn Size (Palm Width in mm) Extra Large (120 mm) | Nos            | 10                   |

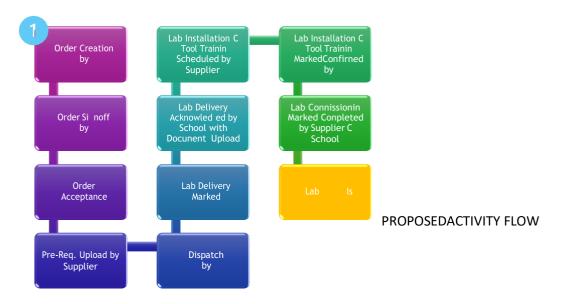
# IT tool for tracking the entire lifecycle of the project

| S.  | Particulars  | Stakeholders  |   |   |
|-----|--|---|---|---|
| No. |  | End User  | Supplier  | Schools   |
| 1   | End User plans to establish state-of-the-art skill laboratories in Jawahar Navoda Vidyalaya (JNVs) and Eklavya Model Residential Schools (EMRS) for Delivery of Skill Courses under SANKALP. Under this project, End User, will acquire and install to necessary equipment in the designated schools through the GEM or any other suital portal.  Objective  As part of the project operations, supplier is requested to deploy a technology-base tool for Execution, Monitoring & Reporting across End User, Supplier and respect Schools where skill laboratories will be established.  The supplier needs to deploy a Progressive Web App/Mobile Application based tool different Stakeholders i.e., End User Admin, Supplier (Vendor Role), Schools (Location) |   | s) for Delivery of Skilling acquire and install the EM or any other suitable ploy a technology-based Supplier and respective pplication based toolfor   |   |
| 2   | Roles & Responsibilities   | of Delivery & Lab Setup)  End User will be having the AdminControl of the tool and will beresponsible for Master  Configurations related to Order/Skill/Locations, Monitoring, and User Management  | Equipment Supplier will be responsible for deployment and activation of the IT tool, Equipment Order dispatch and Pre- Requisite upload, Final Delivery assignment and Installation along with the respective Tool Training at Schools against the pre- defined SLAs. | Schools will be responsible to accept the order, track the timelinesfor Lab Site Preparation, Confirmation of the Delivery, Installation, andTool |
| 3   | No. of Users   | 2 – Master Users  | 2 – 3 Users   | 600 Users (1 User Per<br>School)  |
| 4   | Key Stages to<br>Track   | <ol> <li>Lab Order Creation By End User</li> <li>Lab Order Signoff from School</li> <li>Lab Order Acceptance by Supplier</li> <li>Lab Order Dispatch by Supplier</li> <li>Lab Delivery Marked Completed by Supplier</li> <li>Final Delivery Acknowledgment by School</li> </ol> |   |   |

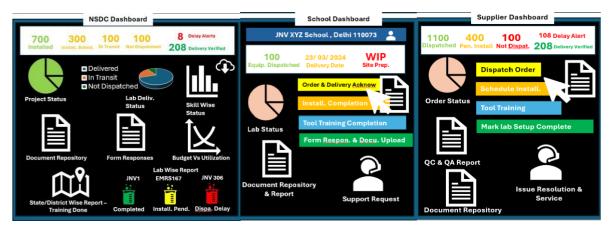
| Functional Requirement Document for IT tool for tracking the entire lifecycle of the project "Establishment of Skill Labs at JNVs & EMRS" |                |  |   |   |  |
|---|----------------|--|---|---|--|
| S.  | S. Particulars |  | Stakeholders  |   |  |
| No.   |                | End User   | Supplier  | Schools                                     |  |
|   |                | <ol> <li>Installation &amp; Tool Training Sc. 8. Installation &amp; Tool Training Sc. 9. Lab Commissioned Marking b. 1. User Creation &amp; Management (User Master) from the tool/Upload Functionality.</li> <li>Creation of Lab Order to be fulfilled by Supplier (Upload Functionality). (Location &amp; Product Master)</li> <li>Standard Form Circulation to respective schools for Data Collection for different requirements like Delivery Feedback, TrainingFeedback, QC &amp; QA.</li> <li>Reporting Requirements</li> <li>Dashboards &amp; Report view for</li> <li>Skill/Sector Wise Report</li> <li>District/State/School Level Progress Report</li> <li>Delay &amp; Feedback Report</li> <li>School/Lab Level Progress Report</li> <li>Audit Trail &amp; Reports</li> <li>Availability of Export Functionality to download the report in PDF, XLXS formats.</li> <li>Turn Around Time report (TAT) against the predefined SLAs</li> </ol> | Supplier Cheduled by Supplier Completed Acknowledgment by Supplier & School  1. Acceptance of Lab Order against a location (Lab/School) created by End User.  2. Upload of the Prerequisites for Equipment Commissioning.  3. Consignment Preparation & Assignment for Final Delivery  4. Final Delivery Confirmation Recording along Pictures & Document Uploads.  5. Scheduling Installation & Tool Training at School  6. Commissioning Confirmation  7. Support Ticket Resolution. (General Ticking Forms will work. Chatbot not required)  8. Alerts & Notifications against Delay in Delivery Timelines | Schools  School  1. Dedicated functionality |  |

| S.  | Particulars  | Stakeholders  |  |                            |  |  |
|-----|--------------|---|--|----------------------------|--|--|
| No. |              | End User  | Supplier   | Schools                    |  |  |
|     |              |   |  | 7. QC Forms and            |  |  |
|     |              |   |  | Survey Forms               |  |  |
|     |              |   |  | Filling by Principal       |  |  |
|     |              |   |  | through login              |  |  |
|     |              |   |  | 8. Support Ticket          |  |  |
|     |              |   |  | Creation for any           |  |  |
|     |              |   |  | issue against any          |  |  |
|     |              |   |  | equipment.                 |  |  |
|     |              |   |  | (General Ticking           |  |  |
|     |              |   |  | Forms will work.           |  |  |
|     |              |   |  | Chatbot not                |  |  |
|     |              |   |  | required).                 |  |  |
|     |              |   |  | 9. Creation of Lab         |  |  |
|     |              |   |  | planogram – Data           |  |  |
|     |              |   |  | Entry of Asset ID o        |  |  |
|     |              |   |  | an equipment               |  |  |
|     |              |   |  | attached to a              |  |  |
|     |              |   |  | particular lab at          |  |  |
|     |              |   |  | School                     |  |  |
|     |              | _   | ed Application – With Both Mobi  | •                          |  |  |
|     |              | •   | (S) Functionality for Master Crea  |                            |  |  |
| _   | Common       |   | Integration of Email, SMS: For Notifications & Alerts to school, supplier Drill Down Capability in Dashboards & Reports. |                            |  |  |
| 6   | Requirements |   | •  |                            |  |  |
|     |              | <ol> <li>Real Time Data Upda</li> <li>Audit Trail and report</li> </ol> | te or Scheduled Data Updates.  |                            |  |  |
|     |              | I   | cation for login by users.   |                            |  |  |
| 7   |              |   | m with IT Security guidelines of E   | End Usor                   |  |  |
|     | Compliance   |   | on will be mandatory for tool de   |                            |  |  |
|     | Compliance   | •   | insible for the data security, inte  |                            |  |  |
|     |              | is a SAAS solution by   | •  | birty, and privacy even in |  |  |

Proposed Process Flow & Sample Dashboard Diagrams



### Sample Dashboard – IT Tracking Tool



#### Annexure-B: List of equipment for MAF

| SI |                             |  |
|----|-----------------------------|--|
| No | Name of the Lab             | Name of Tools & Equipment                                  |
|    |                             | Laptop / computers   |
| 1  | Al                          | Computer Tables  |
|    |                             | Smart Board  |
| 2  | AR - VR                     | VR Headset   |
|    | 7.11. 111                   | Software and content for teachers                          |
| _  |                             | GPS tracker  |
| 3  | Logistics                   | Barcode scanner  |
|    |                             | Smart board  |
|    |                             | Bar code scanner   |
| 4  | Retail                      | Barcode Printer  |
|    |                             | Smart Board  |
|    |                             | Clinical examination Table                                 |
|    |                             | SuctionAppratus  |
| 5  | Healthcare                  | Crash Cart   |
|    |                             | Hospital bed   |
|    |                             | Smart Board  |
|    |                             | Laptop /Computer   |
|    | BFSI                        | Computer Tables  |
| 6  |                             | Smart Board  |
|    | 11                          | Dekstop Computer with anti virus                           |
| 7  | Hospitality &<br>Healthcare | Computer Tables  |
|    | пеаннсате                   | Smart Board  |
|    |                             | Air compressor   |
|    |                             | Tyre Changer   |
|    |                             | Jack Hydraulic   |
| 8  | Automotive                  | Brake System Hydraulic any 4-Wheeler                       |
|    |                             | Smart Board  |
|    |                             | Synchromesh Gear Box Model                                 |
|    |                             | Four stroke diesel engine (Study/ Learning model)          |
|    |                             | Hair straightener  |
|    |                             | Shampoo station  |
|    |                             | Salon chair / Multifunctional                              |
|    |                             | Waxing cum massage Bed                                     |
|    |                             | Hair Crimpers  |
|    |                             | Curling Iron   |
| 9  | Beauty                      | Smart Board  |
|    |                             | Single needle lock stitch machine (SNLS) with needle guard |
|    |                             | Specialized industrial sewing machines                     |
|    |                             | Over Lock Machine set                                      |
| 10 | Apparel                     | Smart Board  |
| 11 | Agriculture                 | Smart Board  |
| 12 | Electronics                 | Ammeter (AC & DC)  |

|    |         | Volt Meter                     |
|----|---------|--------------------------------|
|    |         | Watt Meter                     |
|    |         | Frequency                      |
|    |         | Power Factor Meter             |
|    |         | Digital volt meter and ammeter |
| 13 | Printer | All trades                     |