

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**

For

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

EOI No: RailTel/EOI/COMKTG/EB/JE/2024-25/1 dated 02nd July 2024 (Re floated on 11th 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 02nd July 2024 (Refloated on 11th July 2024)

RailTel Corporation of India Ltd., (hereafter referred to as “RailTel”) invites EOIs from RailTel’s Empaneled Partners for the selection of suitable partners as Exclusive pre-bid teaming arrangements for **“Supply, installation, commissioning of skill labs and user training for assigned schools”**.

Special Note: Bidders who have already submitted their bid against the original EOI dated 2nd July 2024, have the option to resubmit the entire proposal or submit only the compliance to the latest specifications and commercial.

The details are as under:

1	Last date for submission of Technical Packet against EOIs by bidders	15 th July 2024 11:00 AM
2	Opening of Technical Bid of EOIs	15 th 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 - To mandatorily send the Cover message at the time of BG issuance. - IFSC Code of ICICI Bank to be used (ICIC00000007). - Mention the unique reference (RAILTEL6103) in field 7037.)

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: shashi_uppal@railtelindia.com

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 eoiebc@railtelindia.com 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 /

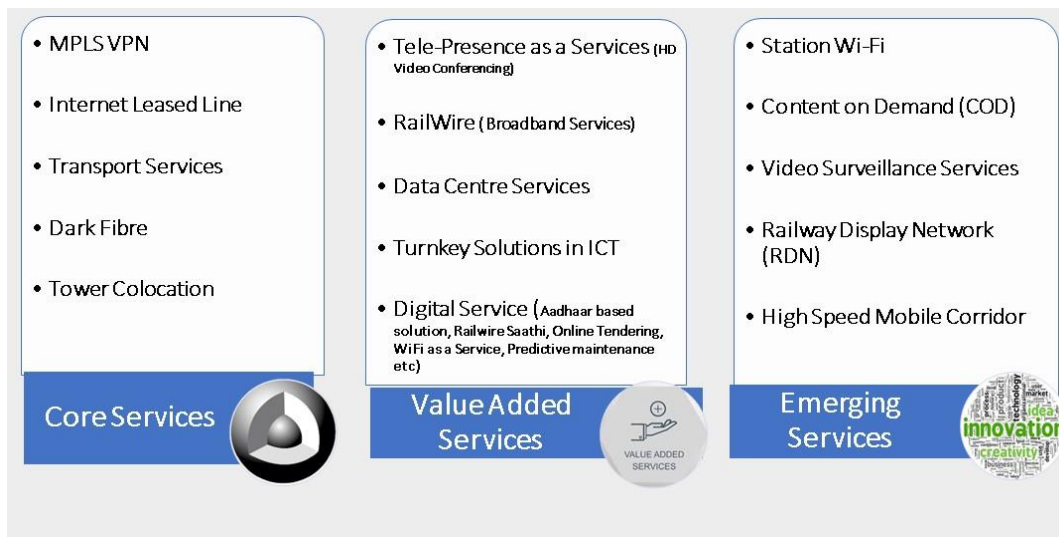
collocating critical applications. RailTel is also providing Telepresence as a Service (TPaaS), where a High-Definition Video Conference facility bundled with required BW is provided as a Service.

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 Distance 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 (IaaS), 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 studied 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 India; and in existence from at least past 5 years from date of publishing of this RFP. The Bidder should have valid PAN/GST registration.	▪ Certificate of Incorporation ▪ Registration for GST ▪ PAN
2.	The Bidder must have a cumulative turnover of at least Rs. 150 Cr. for 3 FYs i.e., 2022-23, 2021-22 and 2020-21.	CA certificate with UDIN.
3	The net worth of the bidder in three financial years, (as per the last published audited balance sheet) should be positive. The bidder should be profitable and should not be at a loss in three years (as per the last published audited balance sheet) for FY. 2020-21, 2021-22, 2022-	Audited Financial Statements for FY. 2020-21, 2021-22, 2022-23. Copy of Balance Sheet, P&L Statement and CA Certificate with UDIN.

	23.	
B)	Technical Conditions	
4.	The bidder must have successfully undertaken the 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.	Details of similar work to be provided: Copies of supply orders/PO /Work Order AND Copy of Completion Certificate/Payment Proof/CA Certificate
5.	The bidder must have successfully implemented Procurement, Supply, installation, and 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 Document.	Details of similar work to be provided: Copies of supply orders/PO /Work Order AND Copy of Completion Certificate/Payment Proof/CA Certificate
6.	a) The bidder shall have offered any IT tool for tracking the entire lifecycle of the project.	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.	a. The bidder must possess a certification such as ISO 9001 or similar standards. b. The bidder must possess MAF (Manufacturer Authorization Form) for list attached as annexure-B. c. The bidder must comply to the technical specifications given in Scope of Work.	a. Copy of the Valid Certificate(s) to be provided. b. The bidder must attach Manufacturer Authorization Form specific to this tender as per item list under annexure-B as per format enclosed Annexure-8.
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.	c. Supporting documents of tools, equipment with warranty, and complete technical details to be attached for all items.
9.	Mandatory requirements: All requirements mentioned in Terms of Reference and Scope of Work must be mandatory complied with. If the Bidder is not able to provide services according to TOR and SOW, they will be disqualified.	Bidders need to submit proof of compliances on its letter head.
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. No.	ITEM	Details
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 as per 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 in-scope 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.

Annexure 1: Format for COVERING LETTER

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-110023

Dear Sir, please

SUB: Participation in the EoI process

Having examined the Invitation for EoI document bearing the reference number _____ released by your esteemed organization, we, undersigned, hereby acknowledge the receipt of the same and offer to participate in conformity with the said Invitation for EoI document.

If our application is accepted, we undertake to abide by all the terms and conditions mentioned in the said Invitation for EoI document.

We hereby declare that all the information and supporting documents furnished as a part of our response to the said Invitation for EoI document, are true to the best of our knowledge. We understand that in case any discrepancy is found in the information submitted by us, our EoI is liable to be rejected.

We hereby Submit EMD amount of Rs. _____ issued vide _____ from Bank _____.

Authorized Signatory

Name

Designation

Annexure 2: Format for Self-Certificate & Undertaking

Self-Certificate (To be on company letter head)

EoI Reference No:

Date:

To,

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

Subject: **Undertaking for not Being Blacklisted/Debarred**

We, Company Name, having its registered office at Address

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) **

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

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:

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 www.railtelindia.com. 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 RailTel.
Further, I/we (insert name of the BA)**_and all my/our constituents understand that 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 the contract including banning of business for five years on entire RailTel.

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:

****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 “**Agreement**”) is made and entered into on this ____ day of ____, 2021 (the “**Effective Date**”) 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 “**Disclosing Party**”) to the other Party (each Party, in such receiving capacity, the “**Receiving Party**”) 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; provided, however, 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. Designation.

(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. Cooperation. Receiving Party will immediately give notice to Disclosing Party of any unauthorized use or disclosure of the Information of Disclosing Party.

4. Ownership of Information. 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.

5. 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) All 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) expiration of this Agreement; or
- (iii) 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. Injunctive Relief: 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.

_____:

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 full 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
- (ii) not apply to any materials or information disclosed to it thereafter.

- 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. No Definitive Transaction.** 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 "**Final Agreement**"), 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 employees, shall be deemed to be "Connected Persons" within the meaning of SEBI (Prohibition of Insider Trading) Regulations, 2015 and shall be bound by the said regulations while dealing with any confidential and/ 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 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 Sensitive 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 executed this Agreement on the date set forth above.

_____ :

RailTel Corporation of India Limited:

By_____ By_____

Name:

Name:

Title:

Title:

Witnesses

Annexure-6: EMD (as PBG) Format

BG NO :
ISSUANCE DATE : DD-MM-YYYY
BG AMOUNT : Rs xxxxxxxx /-
EXPIRY DATE : DD-MM-YYYY
CLAIM EXPIRY DATE : DD-MM-YYYY

In consideration of the **RailTel Corporation of India Limited**, (CIN: L64202DL2000GOI107905) having its registered office at Plate-A, 6th 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-YYYY

Place :

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

Part – 1 Form

SN	Name of Job Role	No. of lab under each	Cost for Set-up*per Lab (Rs.)	Total Cost for Set-up (Rs.) incl. taxes	GST (%)
I.	Artificial Intelligence	276			
II.	Virtual reality (VR) and augmented reality (AR) (IT-ITeS)	315			
III.	Logistics	29			
IV.	Retail	31			
V.	Healthcare	135			
VI.	BFSI - Financial Markets Management	58			
VII.	Hospitality And Tourism	63			
VIII.	Automotive	75			
IX.	Beauty And Wellness	44			
X.	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 under each	Cost for Set-up*per Lab (Rs.)	Total Cost for Set-up (Rs.) incl taxes	GST (%)
	Branding for all Labs	1200			
Grand Total				(B)	

- The Total cost of the assignment (A)+(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 is the authorized
distributor/importer of OEM)*

No.

Dated:

To

[Name and address of

Client]

Dear Sir / Madam,

Bid Reference No : _____

Equipment Name : _____

1. We (name of the OEM) are the original manufacturers of the above equipment having registered office at (full address with telephone number/fax number & email ID and website), having factories at and , do hereby authorize M/s. (Name and address of bidder) as (Importer / Distributor) to submit bids, and subsequently negotiate and sign the contract with you against the above bid no..
2. **No company or firm or individual** other than M/s. are authorized to bid, negotiate and conclude the contract in regard to this business against this specific bid reference no.
3. We also hereby undertake to provide full guarantee/warranty /CMC/AMC as agreed by the bidder in the event the bidder is changed as the dealer or the bidder fails to provide satisfactory after sales and service during such period of Comprehensive warranty/CMC/AMC and to supply all the spares/reagents / consumables for 6 years.
4. We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments 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.No.	Item Code	Sector	Tool & Equipment	Specification	Unit (type)	Per School (Qty)
1	1	Flex Board	Scheme Branding Board to be setup outside every lab	2*6 Ft High Quality Flex Board	1	2
2	2	Sunboard	Scheme Branding Board to be setup inside every lab	3*4 Ft HighQuality Sunboard	1	2

AI Tool lists:

List of Tools and Equipment Course: AI					
S.No.	Item Code	Tool & Equipment	Specification	Unit (type)	Per School (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 PCIe® 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 Equivalent Learning 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: length 17, width: 17, height:32 (in inches). Material: Polypropylene	Nos.	15
6	Item 6	Computer Tables	Table height :80 CMS, length :70 cms, width :45cms 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 connectors	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 (Compatible Printer 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 Office or Equivalent package	Latest version - One for each Laptop Computer	Nos.	15
15	Item 15	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

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 : Software: Functionalities: White Boarding, Wireless Screen Sharing,Quick Access Tool	Nos.	1
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AR-VR (New):

Sector - Augmented Reality and Virtual Reality (AR-VR)					
<u>Equipment List</u>					
S.No.	Item Code	Tool & Equipment	Specification	Unit (type)	Per School (Qty)
1	Item 1	VR Standalone 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 Host support; 3.5mm audio jack.	1	10

Sector - Augmented Reality and Virtual Reality (AR-VR)					
Equipment List					
S.No.	Item Code	Tool & Equipment	Specification	Unit (type)	Per School (Qty)
2	Item 2	Tablets	10.1" HD (1280x800) display with 400 nits' brightness	1	10
			3GB RAM, 32GB ROM expandable up to 256GB, ex-FAT up to 1 TB		
			Octa-core processor with 2.3GHz frequency		
			8 MP Rear Camera, 5 MP front camera		
3	Item 3	Headphones	Headphone with 3.5mm Jack	1	10
4	Item 4	AR Globe Kit	AR Globe Kit for Education Purposes	1	10
5	Item 5	AR Cubes-based Kit	AR Cube for Educational Experiences	1	10
6	Item 6	Laptop for Teacher	Intel i5 or Equivalent Gen 11+ Processor OR Ryzen 3 3250U+ Processor	1	1
			16GB RAM		
			256GB SSD		
			Windows 11 or Equivalent		
			MS Office or Equivalent Office Installed		
			Programming Software Installed		
			1 Year Extended Warranty		
7	Item 7	Projector	Smart LED Projector with WiFi/BT v5.1, FHD 1080p, Apps, Miracast DLNA/Airplay Support, 5000 Lumen, 30000H lifespan, HDMI, 2X USB Speaker and Remote Control	1	1
8	Item 8	Projector Mounting Kit	Compatible with Projector	1	1
9	Item 9	Gaming Chair for Virtual Reality Laboratory	Ergonomic Design: Chair must offer adjustable lumbar support and headrest to accommodate extended usage.	1	10
			Material: High-quality, durable fabric or leather with breathable properties		
			Adjustability: Features should include height adjustment, tilt mechanism, and 360-degree swivel capability.		
			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 minimum weight capacity of 120kg. Compatibility: Should be designed to enhance the virtual reality experience, providing comfort and stability during use.		
10	Item 10	Activity Table	Designed to connect with Chair/Sofa/Recliner and should have storage capacity for VR Headset, Books, Headphone, Tablet	1	10
11	Item 11	Teacher Table	5 x 2 Ft with Drawers	1	1
12	Item 12	Cupboard	Metallic/Wooden with glass doors, W36XD18XH48inch	1	2
13	Item 13	Activity Book for Students - English (Class 6)	30 Activities Content aligned with NCERT Books of Class 6 in English Language	1	1
14	Item 14	Activity Book for Students - English (Class 7)	30 Activities Content aligned with NCERT Books of Class 7 in English Language	1	1
15	Item 15	Activity Book for Students - English (Class 8)	30 Activities Content aligned with NCERT Books of Class 8 in English Language	1	1
16	Item 16	Activity Book for Students - English (Class 9)	30 Activities Content aligned with NCERT Books of Class 9 in English Language	1	1
17	Item 17	Activity Book for Students - English (Class 10)	30 Activities Content aligned with NCERT Books of Class 10 in English Language	1	1
18	Item 18	Activity Book for Students - English (Class 11)	30 Activities Content aligned with NCERT Books of Class 11 in English Language	1	1
19	Item 19	Software and Content for Teacher	Software for at least 50 learning modules in VR includes lessons & VR simulations for: Life sciences - Equipment operations, and packaging processes. ALL modules should work on VR, Mobile, Desktop and WebGL platform Painting Simulator - with atleast 4 VR attachments including roller and brush Fire Simulator - powered with physics simulator Safety module on various safety processes. Oil and Gas Sector Processes for Oil & Gas Terminal, Retail and LPG Bottling Plants	1	1
20	Item 21	Software and Content for Students	For 3 Years	1	1

Retail:

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

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
10	Retail Item 10	Danglers	Size: 10 - 12 Inches GSM: 300 GSM Material: PaperPattern: Printed	Nos.	1
11	Retail 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 Item 12	Mannequins	Male full body manikin,/ DUMMY / MANNEQUIN FEMALE HALF DRESS FORM	Nos.	2
13	Retail Item 13	Card Swipping machine	Digital RFID CARD ReaderPoint of sale Terminal	Nos.	1
14	Retail Item 14	Cash counting machine	UV/MG) Officebird - OB 500 or Equivalent	Nos.	10
15	Retail 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) ± 10 mm 820mm	Nos.	1
16	Retail Item 16	Computer	Compatible with all Windows: Yes Processor: 32 Bit Processor type: Core to Duo/i3WiFi enabled: yes Keyboard: yes Mouse: yes CPU Speed: 3 GHz DDR3 RAM: 4 GB Monitor Size: 14 Inchs	Nos.	1
17	Retail 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 Item 18	Credit Card (Model)	Size: 74x52 mm Material:PVCA Model: Demo	Nos.	25
19	Retail 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 Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
20	Retail Item 20	Debit Card (Model)	Size: 74x52 mm Material:PVCA Model: Demo	Nos.	25
21	Retail Item 21	Dustbin	Capacity 5 Litres Material HDPE, Capacity 40 litre, weight 390 gram	Nos.	1
22	Retail 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 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: 1Antiseptic 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	Nos.	1
24	Retail Item 24	Flip chart	50 sheets, A2 size,Rectangular Tripod (2.5 sq feet)	Nos.	20
25	Retail Item 25	Formal shoes	Non-branded black/brown formal shoes Gents Canvas Walking Shoes With Direct Moulded Poly Urethane Sole	Nos.	1
26	Retail Item 26	Goods moving equipment	Trolley size 1200 X 700 X 980, Trolley weight 45 kg, capacity 250 kg, ground clearance 200 mm,	Nos.	1
27	Retail Item 27	Cloth Hanger	Size Inch:17 Material Type: Stainless Steel Wire diameter: 3mm Capacity: 1 Kg	Nos.	25

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
28	Retail 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 Item 29	Iron (clothing press)	USHA or Equivalent, Material of plate Aluminium alloy sole plate	Nos.	1
30	Retail Item 30	Jeans	Non-branded denim. One for female and one for male	Nos.	2
31	Retail Item 31	Labelling machine	Nexa MX5500 8 Digit Label Stamping Machine Label Size: 22 mm x 12 mm Machine Type: Semi Automatic Material: PVCA Operation: Heavy Duty	Nos.	2
32	Retail Item 32	Marker	Temporary marker whiteboard marker, quick dry	Nos.	1
33	Retail Item 33	Men's Sandal	Natural Rubber	Nos.	1
34	Retail Item 34	Mop	spongy Polymer Spinning Mop Plastic Base	Nos.	1
35	Retail Item 35	Cable Ziplock	Material: Nylon, Color: white, Items dimensions: 12.7 x 7.6 x 5.1 Centimeters, closure type: zip tie	Nos.	100
36	Retail Item 36	Poster (POS)	Height. 400 mm. Material. PP. Width. 300mm	Nos.	1
37	Retail 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 Item 38	Purchase book	Safescan Paper size 176 X 250, thickness 65 gsm, 150 pages	Nos.	1

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
39	Retail Item 39	Purse, handbags	Women purse Material: Lenin cotton, Dimentions: 381 X 431.8 X 177.8, weight 135gram	Nos.	1
40	Retail Item 40	Sale book	Pre-Printed Bill Book with Product Details	Nos.	5
41	Retail Item 41	Sandal (heel)	PVC Sandals	Nos.	1
42	Retail Item 42	Shelves for stacking products	IB Basics storage Racks 6 shelf 87'*15'*36' 90 Kg UDL No. of 4 Shelves, Angle qualityand size: Made from Steel Sheet of 3 mm thickness 40 X 40 mm, Selvesmatrial: 1.0 mm Thick MS Sheet, dimentions 450 X 700 X 975 mm.	Nos.	1
43	Retail 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 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 Item 45	Shopping cart	Portable aluminium folding grocery shopping basket trolley cart of approx. 93*42*42cm (unfolded) Material SS202, weight of trolley 10 kg, capacity 65 kg,	Nos.	1
46	Retail Item 46	Shorts	Non branded waist size and material 7 cm X 12 cm, of Mesh Lining fabric	Nos.	1
47	Retail Item 47	Soaps	Dettol 100 grams orEquivalent	Nos.	2
48	Retail 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 Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
49	Retail Item 49	Stapler	Kangaroo big size, staple size 23/6 1 box of stapler pins	Nos.	1
50	Retail Item 50	Table (POS)	Length of table top ± 10 mm 900 millimeter Depth of table ± 10 mm 600 millimeter Height of table ± 10 mm 700 millimeter Dimension of leg(mmXmm) ± 5 mm 40mmX40mm	Nos.	1
51	Retail 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 Item 52	Theft alarm	Material: Plastic Current Vold:3 DC Sound Level : 80 Db +/- 2dB at 1 meter distance Height CM: 14 Width CM: 9	Nos.	2
53	Retail Item 53	Tops	Non Branded	Nos.	1
54	Retail Item 54	T-Shirts	Non branded Cloth material Cotton- 97 % and Lycra- 3%	Nos.	1
55	Retail Item 55	Weighing Machine	Rated Load/ Capacity(kg) 100 kg, Resolution(gms) 10 g, Power Comsuption: 10 Watts Operating Maximum Temperature: 50 Net Wegiht:4 Kg Unit Display: 7 Nos Length: 333 MM Breadth: 330 MM Height: 114 MM	Nos.	2
56	Retail Item 56	Counter Print	Flex Print 4'x3'	Nos.	2
57	Retail Item 57	Credit Notes	Sample Credit Note	Nos.	10
58	Retail Item 58	Currency Notes of different Denominations	Fake Currency Notes of currencies. Must include major currencies.	Nos.	10
59	Retail Item 59	Dropdown Print	Flex Print 2'x3'	Nos.	4
60	Retail Item 60	Dummy Products with Barcode	Different types of printed bar code on different sheet of paper	Nos.	10

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
61	Retail Item 61	Offer Signages	Length: 2 Feet Height: 1 Foot Thickness of Sheet: 3 MM Type of print: Vinyl Type of board: Sunboard Operation: Heavy Duty	Nos.	10
62	Retail Item 62	Photographs for stacked notes	Stacked Notes Sample	Nos.	25
63	Retail Item 63	Physical Bill Copy	Physical Bill Copy Sample	Nos.	20
64	Retail Item 64	Signage Board Retail	Flex Sign Board	Nos.	2
65	Retail 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 Item 66	Wall Print	3D Flex Print 15'x8'	Nos.	1
67	Retail Item 67	White Board	Length: 3 Feet Height: 4 feet Material: Aluminium alloy Type: Writing Surface Type: Dry Marker	Nos.	1
68	Retail 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 Item 69	Display Racks Stock Almirah	Type : Open Type, Depth inmm (±5 mm) 600 Width in mm (±5 mm) 900 Height i	Nos.	1
70	Retail 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 Item 71	Fire Extinguishers	Weight of Filled Portable Fire Extinguisher (Kg) 7	Nos.	1

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
72	Retail Item 72	Stool (molded with steel base)	Material Mild Steel, without cushion, Height 450 mm, width of top 240 mm	Nos.	3
73	Retail Item 73	UV light fake note detecting machine	Automatic Counterfeit note detection & currency counting UV tube length 300 mm, UV wave length 366 mm, Tube life 3000 hours	Nos.	1
74	Retail Item 74	Extension Cord	Wire length: 2m Type: 4 way spike and surge guard Essential Series 4 Socket Surge Protector (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 Item 75	Hanger Stand	Material: Plastic Height of stand MM: 1400 Length of stand MM: 1000 No Bars: 5 Type: Heavy Duty	Nos.	2
76	Retail 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 Item 77	Plastic Crate	Width: 360 MM Length: 540 MM Height: 250 MM Shape: Rectangular Capacity: 40 Kgs Material: HDPE	Nos.	2
78	Retail 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 Infographics (Agriculture Machinery): Material Type: Paper Height: 18 Inches Width: 12 Inches GSM: 70 Quantity: 1 Marker: 1	Nos.	30

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
79	Retail Item 79	Magzine Stand	Weight: 4 Kg Shape: Rectangle Material: CRCA Sheet Type: Foldable Open Height: 36 Inches Open Width: 15 Inches	Nos.	2
80	Retail Item 80	Smart stock monitoring indicator	Rechargable with wi fi connectivity compatable to smart phone : Yes The device useful to indicate the minimum stock to maintainedin the shelf or rack: Yes DeviceSize: 5x5 CM Battery Operated: Yes Voltage DC in Voly: 5 Device Range: 500 Meters	Nos.	2
81	Retail 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 Item 82	Infographics	Length: 1 Foot Height: 1 Foot Material: 300 GSM Information: Related to RetailTrade Paper Sheet with Lamination: Yes	Nos.	10
83	Retail Item 83	Electric Siren	Industrial siren sound range- 1/2km Ideal for: for factories, store, mall Alarm Duration- 1 min Type: Wired Breadth: 10 cm Length: 20 cmHeight: 15 cm	Nos.	2
84	Retail 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 Item 85	Bar code Stand	Material: Acrylic shape: L Type sizeL 6x4.25 inches	Nos.	2
86	Retail Item 86	combo Offer Poster	Matrial: Paper height: 2 feet Material: 300 gsm length in feet: 1	Nos.	10

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
87	Retail Item 87	Pull & Push Sticker	Material: PVC usage/application: for glass door color: red/green size: 3x6 inch	Nos.	10
88	Retail Item 88	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 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 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
91	Retail Item 91	Led Running/Scrolling Programable Text	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: Plastic Supply: 24 V	Nos.	2
92	Retail Item 92	statutory compliance Binder	Outer Material: Lumber waste Inner Material: cellulose fibres of rags GSM: 70 set: 200 user friendly: yes Branded: no Size: standard	Nos.	2

Tools and Equipment List					
Sector: Retail Job Roles: Store Operation Assistant, Sales Associate					
S.No.	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
93	Retail Item 93	Biomedical waste collection bag	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: yes	Nos.	50
94	Retail Item 94	Line Anti-Static Gadget	Weight - 20 gm Adopt material synthesis: ABS Plastic Surface resistance: Ω : $\leq 10^3$ Electrostatic discharge time: $< 0.1s$ Cable length: Adjustable	Nos.	4
95	Retail Item 95	VM Elements	Offer Signage: 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 Code	Tool & Equipment	Specification	Unit (Type)	Per school qty.
96	Retail 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.	1

Logistics:

Tools and Equipment List					
Sector: Logistics					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
1	LogisticsItem 1	Transportation Management System software	Supplier has to approach Logistics Sector Skill Council (LSC) for subscription of TMS/LMS	Nos	15
2	LogisticsItem 2	Learning Management System	Supplier has to approach Logistics Sector Skill Council (LSC) for subscription of TMS/LMS	Nos	15
3	LogisticsItem 3	ERP Demo Videos - Transport Management System (TMS) software, Management Information System (MIS) software, Route optimization software.	ERP Demo Videos - Transport Management System (TMS) software, Management Information System (MIS) software, Route optimization software. Videos from youtube will be downloaded and shared in the form of online repository.	Videos	1
4	LogisticsItem 4	Lashing and Cushioning equipment - Ratchet Lashing belt, Ropes, Cables, Wires, Chains, Strapping, Nets, Air cushions	Each 2 nos	Nos	2
5	LogisticsItem 5	Customs Norms for Packaging	Softcopy of the content will be shared with supplier, which will be printed and assembled into booklets for distribution to the schools by supplier Link: https://nsdcindiasp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	2
6	LogisticsItem 6	GST guidelines	Softcopy of the content will be shared with supplier, which will be printed and assembled into booklets for distribution to the schools by supplier Link: https://nsdcindiasp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	5

7	LogisticsItem 7	HSN Codes	Will provide the supplier with the HSN directory (Excel) and online link to 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://nsdcindia-sp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	5
8	LogisticsItem 8	HACCP and HAZMAT guidelines	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://nsdcindia-sp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	5
9	LogisticsItem 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 booklets for distribution to the schools by Supplier Link: https://nsdcindia-sp-my.sharepoint.com/:f:/g/personal/akshay_sharma_nsdcindia_org/Ej8tuoGyajhMlanTE9TSmg8B_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	3

10	LogisticsItem 10	Sample Central Excise document, if any	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_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	1
11	LogisticsItem 11	Sample Duty Entitlement Passbook Scheme (DEPB)/DutyExemption Entitlement Certificate(DEEC) or any other documents for duty benefits	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_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Nos	1
12	LogisticsItem 12	Sample Registeration cum membership certificate (RCME), if any	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_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Yes	1
13	LogisticsItem 13	Sample Industrial License, if any	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_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Yes	1
14	LogisticsItem 14	Sample Technical write up for specific goods, if any	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_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Yes	1

15	LogisticsItem 15	Sample Customs Documents - Bill of Entry, Commerical Invoice, Bill of 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 shared with supplier, which will be printed and assembled into booklets for distribution to the schools by Supplier Link: https://nsdcindia.sharepoint.com/:f:/g/personal/akshay_sharma_nsdhindia_org/Ej8tuoGyjhMlanTE9TSmg8B_YSHAz8aCTYYunp0NOCEUw?e=cz01TZ	Each	4
16	LogisticsItem 16	Sample Permits for ODC, Articulated Vehicles, Reefer Vehicles, Trailers, Vehicle permit for carrying dangerous goods	Each 1 sample	Each	1
17	LogisticsItem 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. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
18	LogisticsItem 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 19	Eye goggles	Clear Polycarbonate Safety Goggles Over Specs, For Eye Protection, Capacity: 500 Liters	Nos	5
20	LogisticsItem 20	Reflector Vest	Without Sleeves Polyester Industrial Reflector Jackets, For Construction, Model Name/Number: S2	Nos	5
21	LogisticsItem 21	Face Mask	Materials: polypropylene, non-woven fabric The middle polypropylene layer filters airborne particulate matter Non-splash resistant The soft material makes the mask-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 23	Hard hats	ISI Marked Safety Helmet for Outdoor Activities Adjustable Chin Strap & Ratchet Type Adjustment Lightweight, Comfortable & Durable Hard Hat	Nos	5
24	LogisticsItem 24	Safety gloves	Safety Hand Gloves/Heat/Cut/Splash Resistance/Anti Slip Gloves/Polymer coated non-slip gloves	Nos	5
25	LogisticsItem 25	Safety shoes	BEST QUALITY LEATHER AS PER IS 5677 OF THICKNESS 1.6-1.8MM (FULL CHROME HEAVY DUTY LEATHER)	Nos	5
26	LogisticsItem 26	Safety Belts	minimum width of all straps shall be 40 mm except shoulder retaining strap, which shall be of minimum width of 20 mm	Nos	5

Tools and Equipment List					
Sector: Logistics					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
27	LogisticsItem 27	GPS tracker	850/900/1800/1900 MHz 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 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 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. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school 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 school 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 ton lifting capacity	Nos	1
3	Pneumatic straight grinder	• Having collet size of 6 mm / 3mm with front type air exhaust support - Technical Specification: • Available in speed of 12000 rpm with weight of 1.100 kg - Weight - 1.100 kg - Air consumption - 10 cfm	Nos	1

Tools and Equipment List Sector : Automotive; Job Role: Auto Service Technician				
S. No.	Tools	Specification	Unit (type)	Per school 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, Capacity 100-150 kg, Material Stainless Steel, Mild Steel, MS, Plastic, Dimension 855 x 840 950 mm,	Nos	4
6	Trolley	Multi-purpose portable trolley made of mild coated stainless steel with wheels-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 0.02-1.0mm	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 ¼" 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, with interchangeable carbide contact 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

Tools and Equipment List Sector : Automotive; Job Role: Auto Service Technician				
S. No.	Tools	Specification	Unit (type)	Per school 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 10A LED monitor panel	Nos	5
17	Ohm meter	Digital multimeter voltmeter ohmmeter AC/DC ammeter capacitance 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 12Volt 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

Tools and Equipment List Sector : Automotive; Job Role: Auto Service Technician				
S. No.	Tools	Specification	Unit (type)	Per school 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-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 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-500HP, power 220V and frequency-50 to 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

Tools and Equipment List				
Sector : Automotive; Job Role: Auto Service Technician				
S. No.	Tools	Specification	Unit (type)	Per school 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 Polyvinyl 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 $\times$ 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 $\times$ HDMI 2.0 IN & 1 $\times$ HDMI 2.0, Out port, 1 x DP, USB 2.0 $\times$ 2 +	Nos	1

Tools and Equipment List				
Sector : Automotive; Job Role: Auto Service Technician				
S. No.	Tools	Specification	Unit (type)	Per school 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 material : plastic Expander size: 50-100 mm nominal capacity: 20-200 length of expanderL 8 cm bore size: 4 inch	Nos	1
45	Torch	Type: Halogen Dia or search light: 50-57 mm battery type: SMF for light-HRS >/=5	Nos	1
46	Funadamental Literacy & 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 steel chromium plated use for: HMC 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 clutch 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 PTO-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 school qty
		feet model height: 350mm model width: 300 mm model cover material: Acrylic, CE and RoHS certified		
50	Four stroke diesel engine (Study/ 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 capacity: 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 pressure lit/min (c.f.m): 212(7.5) Min. air compressor (HP): 1 to 2 weight of gun (gms): 90 ,aterial: virgin plastic and stainless steel fitted with non leak air valve: yes	Nos	2
52	Bearing housing	Bearing housing weight - gram 600	Nos	2
		Material of bearing housing - (as per IS:210-1993) cast iron	Nos	
		Lubricating material - Grease	Nos	
		Height of housing from bottom of base - millimeter 218	Nos	
		Base width - millimeter 110	Nos	
		Bolt hole length -millimeter 26	Nos	
		Stud/Bolt size - M20	Nos	
		Bolt hole width - millimeter 26	Nos	
		Base length - millimeter 380	Nos	
		Feat height millimeter 60	Nos	
		overall width - millimeter 130	Nos	

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

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

		Packaging Type Box	Nos	
68	Automotive Luster	Suitable For Painted surface	Nos	2
		Usage/Application Exterior surface	Nos	
		Type Compress Sprayer silicone emulsifiers	Nos	
		Features Silicon type, silicone resins	Nos	
		Advance Feature Polydimethylsiloxanes	Nos	
		Packaging Type Sealed	Nos	
69	Pnuemetic degreaser	Non-slip handle Wooden	Nos	2
		Teeth Material Steel	Nos	
		Easy to use Yes	Nos	
		Portable Yes	Nos	
		Weight - Grams 20	Nos	
70	Anti rugger kit	Size - Automotive Standard	Nos	1
		Water Resistant- Yes	Nos	
		Color - Grey/Black	Nos	
		material - PVC	Nos	
		Spiked Sole - Yes	Nos	
		two layer PVC grass technology - Yes	Nos	
71	Scour Microfiber Pack	super dust absorbent Smock 1	Nos	1
		Microfiber Swill 1	Nos	
		microfiber mitt 2	Nos	
		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. No	Item Code	Tool & Equipment	Specification	Per school qty
1	Item1	Desktop Computer with 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. 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.	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 Section Of Size 50 X 25 X 1.6 Mm Thick, CRC sheet, five level screw etc.	5
4	Item4	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 warranty against manufacturing defects PLASTIC MOULDED SEAT CUM BACK WITH SUPPORT STRUCTURE with Arms, Material FILLED THERMOPLASTIC, Weight 700 gram.	30
5	Item5	Stainless Steel Almira	78 X 36 X 19 Inches PLAIN ALMIRA (sagar super ss), Material M S Sheet , thickness of side, 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 : 2960W x 880D x 1100H (MM) Modular staff office packages (HANS) (HM24), Single Seater Rectangular Cluster, CRCA hollow system, Prelaminated particle board,	1
8	Item8	Notice Board (soft board) - 2 feet by 3 feet	Width 308mm X Height 304.8mm X Depth 20mm (4 feet X 4 feet) Clip Board, Surface Material-Sunmica Aluminium 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. 5 feet by 4 feet, All the maps should be laminated and folded	3
10	Item10	Lonely Planet or equivalent travel guide of World and India	one time, latest version	1
11	Item11	CDs of Virtual tours of 10 States	The video and audio are stored in MPEG-1 format	10
12	Item12	Globe	Type Columbus: Diameter 40 cm Desk and Table Top With Meridian Political Map in 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 304.8mm· Writing board, Ceramic Steel, size 3 x 4 feet, thickness 1.4mm	1
15	Item15	Passport or Visa demo dummy	Dummy Passport	4
16	Item16	Broachers	(Hotels-20 types, Travel Agency 20 types, Mtdc offices 20)	1
17	Item17	Forms	Reservation form 100, Confirmation form 100, Cancellation form 100, Customer Information forms 100, Feedback form 100	1
18	Item18	Posters	(Travel Agency 3, Hotels-3, Restaurants-3, Travel) 4 feet by 4 feet	1
19	Item19	Posters on famous tourism places	(manmade, natural, symbiotic, cultural, sport etc) 5 feet by 4 feet	2
20	Item20	Wireless collar Mic set with sounds	Microphone with wireless speakers WIRELESS MICROPHONE & HEAD BAND WITH COLLAR MIC (ahuja (AHUJA AWM-520VL & EVM-100) or equivalent).	1
21	Item21	Tour package 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 lamination	3
23	Item23	Posters about Personal Grooming/Gesture/Posture (both girls and Boys)	2 feet by 3 feet Colour with Lamination	3
24	Item24	Dustbin	Material: Plastic Capacity 9 Litre. Set of 2 containers green & blue, capacity 10 to 12 litre, Material Virgin 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 packagees,guide,bookings,food and bavrege, accommodation 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 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 backrest and Polyester fabric for the seat. (AC Mesh & 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 lower 5 vertebrae on the spine. (2018 ?Bristol Seat). Lumbar Support : Fixed lumbar support to support your lower back. Tilt : Push back tilt mechanism to move only the back rest back for comfort Pneumatic height : Change the height of the chair relative to the floor by 100 mm	1
31	Item31	Debit / Credit Card Machine	14 x 9 x 4 cm; 210 Grams	1
32	Item 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 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, 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

FMM:

List of Tools and Equipment Sector : FMM Course; Job Role: Business Correspondent				
S.No.	Tool & Equipment	Specification	Unit (type)	Per School (Qty)
1	Desktop Computer	Processor :Intel Pentium Silver N6000 or equivalent, 3.3GHz burst frequency, 4MB L3 Cache, 4 Cores, 4 Threads	Nos.	12
		Chipset :Intel Integrated SoC or equivalent		
		RAM Size (GB) : 8 GB DDR4-2933 MHz RAM (1 x 8 GB)		
		Hard Disk (GB) : 256 GB PCIe® 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) 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 (type)	Per School (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 cms with 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 (type)	Per School (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 connectors	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 (Compatible Printer 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 Office or Equivalent 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 (type)	Per School (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 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, 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:

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
1	Item 1	Advanced Male & Female Catheterisation kit	Standard OEM product 1 Female Catheterization Unit 1 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 bag 14 French foley catheter (male) 1 12 French foley catheter (female) 1 Pelvic shell 1 Plastic kidney dish 1 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 Adult Pad	OEM product, to safely simulate shock delivered by AED, to be pre- configured with 10 realistic 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, Certification : CE and ISO13485 Comprises of Manikin(s) and accessories necessary for conducting para medical trainings, Chest Compression depth, CPR Training, Combined CPR and Airway Training	Kit	1
3	Item 3	Air Cushion	Standard 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					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
4	Item 4	Airway Manequins	Standard OEM product, should be suitable for - • Practicing of oral and nasal intubation • Practicing use of LMA (Laryngeal Mask Airway) • Correct tube placement can be checked by practical inflation test • Realistic anatomical features allow demonstration of Sellick Maneuver and laryngospasm • Bag-Valve-Mask ventilation can be practiced • Stomach inflation and vomiting situation can be simulated • Provides visual inspection of lung expansion • Provides auscultation of breath sounds Full body manikin type, Comprises of Manikin(s) and accessories necessary for conducting para medical trainings, Airway Hygiene system	Kit	1
5	Item 5	Ambu Mask	Standard product • Silicone Adult 1600ml Resuscitator (W/ pop-off 60cmH2O)" • Silicon mask 5 • 2500ml Oxygen reservoir bag. • Disposal Oxygen Tubing 2 meter • 1000 percent medical grade silicone material. • Latex free components • Available in polysulfone type. • Autoclavable • The set to include PVC reservoir bag, silicon mask 5 and disposable oxygen tubing. • 40cm H2O 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	Material: 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 : Stainless Steel Material Stainless steel, with cover, Medium Size	Nos	1
10	Item 10	Betadin solution bottle	500 ml bottle Providone Iodine, brown color, 500 ml	Nos	4

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
11	Item 11	Blanket	Size: 180 × 260 cm Material: Fleece Colour: Single Colour: Navy Blue/ Dark Blue 100% 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 (Medium)	Material: Polyester40%, PU50%, Nylon10% Length Size: 19 in, 15 in Soft Collar, Flexible, 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 examination Table	- Overall approx. size 1840mm LX575mm WX860 mm H - Rectangular tube frame with sheet cabinets 100 mm foam mattress, - Reversible rexine cover - Three cabinets, one with lock. 1 drawer with lock - Examination trolley with 3 trays - Retractable step stool & writing pad - Pretreated & powder coated - With lockers on all the doors Material mattress platform is CRCA Sheet, Thickness of leg pipe 30 mm or more, MS ERW rectangular tube with 50 mmx30 mm or more, gauge 1.2 mm or more.	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, weight 200 gram	Pack et	4
18	Item 18	Different color plastic bags (Red , Yellow, blue, Black) 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	Item 19	Dissecting 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

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
20	Item 20	Draw Sheet	Standard 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 and PVC handle DUSTER, FLOOR DUSTER, CLEANING DUSTER, Size 30 X 30 CM	Nos	2
22	Item 22	Electronic B.P. Monitoring Machine	Standard OEM with ISI / CE certification Display Size 3 inches Pulse 40 ~ 199 Pulse/min (Accuracy: ±5%) Range: 0 ~ 299 mm Hg General 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	Extension 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 cylinder, 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 & impact resistant durable with clear plastic, Steel closed, Lid without hinge type with self lock, Box Dimension 165 mm x 355 mm x 280 mm, Weight 100 gram	Nos	1
27	Item 27	Gauze Swabs	Material: Cotton Size: (4x4 inch) Dimension 50 mm,		20

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
28	Item 28	Gloves(disposables)	1packet*100 pieces Material:Nitrile Rubber, Powder Content : < 2.0 mg/dm ² Extractable Protein Level : <200 µg/ dm ² Sterilization : Non Sterile Disposable Surgical Rubber Gloves conforming to IS:13422/1989 (RA 2003) -prepowdered	Pack et	5
29	Item 29	Gloves(surgical)	1packet*100 pieces Material: Natural Rubber Powder content : < 15 mg / dm ² Extractable Protein Level : <200 micro gram/ dm ² . Sterilization : Ethylene Oxide / Gamma irradiated RUBBER GLOVES / SURGICAL GLOVES, Material Natural Rubber latex	pack 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	•Frameless polycarbonate safety eyewear with wrap around design. •Lenses are impact resistant to level F. •Lenses are optical Class-1. •Scratch-resistant coating on lens. •99.9% UV protection. •Meets or exceeds EN 166:2001 with CE marked. •Meets high impact requirements of ANSI Z87.1-2003. Safety goggle, As per BSF Specifications, Material Polycarbonate	Nos	1

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
32	Item 32	Hair-cap packet	1packet*100 pieces atlas disposable caps non-linting Kaycel fabric with a polypropylene top and straps •Layers: 5-layers soft white sweat pad Surgen Cap	Pack 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" Material: Stainless Steel Stainless steel, 300 gram	Nos	1
35	Item 35	Liquid soap bottle	Foaming Handwash 215 ML 1 litre, Liquid soap	Nos	6
36	Item 36	Marker	With Replaceable Refill: Tip Size (mm):2.0mm Board Marker	Nos	15
37	Item 37	Mask packet	1packet*50 pieces,face mask ear loop medical surgical dust face mask Bacterial filtration efficiency (BFE) > 98% conforms to EN14683: Type II. Size: 18x9cm, Thickness: 3ply Disposable Mask,	Nos	2
38	Item 38	Micropore	Material Type : PaperTape Size :5 m 1.25 cm x 5 meter , 24 Pcs in a box Micropore, Hold a Bandage or Other Dressing onto a Wound, 2 inches	Nos	1

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
39	Item 39	Nebulizer / Mesh Nebulizer	Adult/Kid Compressor Nebulizer for Inhalation Therapy Operating Air Flow Rate: 4.0 L/min (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 µm Power Required: 230 V 50 Hz Power Consumption: 75 W Dimensions Height (cm) 10 cm x Width (cm) 15.8 cm x 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 bottle	Sodium Chloride Glucose Intravenous Infusion BP (0.9% 5%) 500ml 500 ml	Nos	4
41	Item 41	Paper	70 GSM, A4 size, Ream of 500) A4 Size Paper, 500 pages	Set	1
42	Item 42	Pen	Ball point pen Ball pen	Nos	15
43	Item 43	Pencil	Lead Hardness: 2B 1 packet of 10 each Apsara Pencil, 10 pencils packet	packet	1
44	Item 44	Pillow	Specification: Fabric: micro fabric Pattern QUILTED Size : 17 x 27 inches Color: 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/ White etc Size: 17" X 27" Fabric: Cotton 100% Pattern: Plain/Satin Stripe Size: 76 X 48 cm	Nos	6
46	Item 46	Registers	Hard cover, Long notebook registers Regular Register, 300 pages, length and width 148 X 210 mm	Nos	3

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
47	Item 47	Sample collection bottle	Sample container screw cap Material: Polypropylene Size: 35 ml Material polypropylene, 45 ml	Nos	20
48	Item 48	Dressing Scissors	•Material: Stainless Steel, Anti- rust •Size: 7" , 180 Mm •Variety: Sharp /blunt Stainless steel, 8 inches	Nos	3
49	Item 49	Micro Surgical Scissors	•9cm (3.5") Long •Straight, 6mm blades •3mm Cutting edge •Stainless steel Stainless steel, 5 inches	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 Pencil sharpners	Nos	10
52	Item 52	Splint Medium	Immobilization splint made of EVA coated re-formable aluminum inlay. Medium Size (46cm x 11cm) Full X-Ray transparent Wrist & Forearm Splint, Adult use	Nos	1
53	Item 53	Steel Basin	Standard product Material: Stainless Steel Size: 12"	Nos	1
54	Item 54	Steel bowl	Standard product Material: Stainless Steel round bowl, stainless steel, capacity of bowl 225 ml.	Nos	1
55	Item 55	Steel tray (medium)	medium and small rubber Stainless steel. Size: 12x10" Stainless steel, Rectangular shape with lid, size 10 cm x 12 cm, weight 700 gram	Nos	2
56	Item 56	Sterilizer (shallow 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, Rectangular shape	Nos	2

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school 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)	Nos	1
60	Item 60	Syringe destroyer needle burner	powder coated housing with built in removable Bin for burnt needle stubs cut syringe nozzles. Material: moulded type, shock proof and made of ABS Plastic / Stainless Steel 304 Grade. High Carbon Steel Cutter to cut syringes. Slots: 2 Power: 100W/ 220V, 10% 50Hz AC. AC Overload Protection Built in fuse Electric Burning Syringe Cutting Needle Range 14 G to 30 G and 12 mm to 40 mm (0.5" to 1.5") Bin Size 87 X 78 X 85 mm Dimensions 220 mm X 180 mm X 150 mm Weight 3 kg. Approx. Net. To destroy the used injection needles by instant electromelting process and to cut syringe tips manually using the appliance, portable electric type, Electro-melting type	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 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					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school 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 touch	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: 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 (Digital Electronic 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

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
70	Item 70	Wheel Chair	Nylon upholstery • Full-length arms padded • Carry straps on seat allow for ease of folding and lifting • Footrest • Fold -down back • Light weight Seat Width Standard : 17 inchRear Wheel Size 24 inch Solid Caster Size 8 inch Footrest Detachable Armrest Padded and Detachable Coating Steel Powder Type of back rest Removable, Frame tube thickness 22 mm, Loading capacity 100 kg,	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 Spiral bound Material Plastic, size 380 X 224 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 Min. Handle Height 32" Max. Handle Height 39" Aluminium tubular Frame, foldable walker, frame weight 3.1 to 3.5 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 Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
77	Item 77	Thermometre - Digital	• Oral, Prismatic type, Cylindrical bulb • Lens front, Dual scale • Measurement Range: 35-42°C & 94-108°F • Accuracy $\pm 0.1^\circ\text{C}$ & $\pm 0.2^\circ\text{F}$ • 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 Material: Woven plastic/ jute	Nos	2
79	Item 79	Measuring Glass	Material: Plastic Capacity: 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 Polypropylene, Each syringe Rs. 6, Sterile hypodermic syringe for single use with needle and stainless steel needles	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	Vacutainer	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

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school qty
84	Item 84	Crash Cart	- Size : (760 L x 460 W x 860 H) cms - Made in SS 304 grade 18g Stainless Steel Sheet - Two Shelves in Instrument Trolley - Rod Railing fitting 04 Nos 5"x32mm Castor fitting. Material of Crash cart Console ABS Thermoplastic Number of Baskets in over bridge (Nos) 6 Width of Trolley (mm) 800 Height of Trolley (mm) 1100 Depth of Trolley (mm) 700	Nos	1
85	Item 85	full body 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 with Single Trolley trolley	1x Oxygen Trolley Trolley suitable for dimension of the oxygen cylinder Castors Diameter: 100 mm Width: 12 inch Wheel Material: Rubber Material : 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 ets	10

List of Tools and Equipment Sector: Healthcare; Job Role: General Duty Assistant Trainee					
S.No	Item Code	Tool & Equipment	Specification	Unit (Type)	Per school 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 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, 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
89	Item 89	Sphygmomanometer	Included Components Sphygmomanometer, Free Basic Stethoscope, Carrying Case, Calibration Key Power Source Manual Use for Arm Display Type Analog	Nos	1
90	Item 90	Wall Mounted Stadiometers	(2m/200cm) Stadiometer Height scale stadiometer Wall Mounted Growth Stature Meter Measure Height Measuring Measurement Tape	Nos	1
91	Item 91	Weighing scale	Machine For Body Weight Display Type LCD	Nos	1

Beauty:

Tools & Equipment List Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. No.	Tools and Equipment	Specification	Unit Type	Per school qty
1	After shave lotion	100ml bottle medium Antiseptic lotion, 1000 ml	Nos	2
2	Anti-aging cream	50gsm 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 gram, Packing Material PAPER Number of Soaps in a Pack (Nos) 1	Nos	4
5	Make-up Applicator	Sponge applicator for make - Product Dimensions: 16 x 8 x 5 cm ; 249 g	Nos	4
6	Apron	normal standard size /white plastic /white teflon -Size: 33" X 23" MaterialCotton, easy washable	Nos	15
7	Astringent Can	500ml	Nos	5
8	Ayurvedic oil for massage	Ingredients: Herbs extract, Almond oil, Jojoba oil, Coconut oil, Sesame oil, Castor oil, and Neem oil. Shelf life: Best before 24 months from the date of manufacture.	Nos	5
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 rotarymotor high speed	Nos	3
12	Boiler to heat the water	One litre capacity - 300-Watt Electric Heating Jug stainless steel, weight 2 kg, thickness 50 mm, capacity 03 litre	Nos	2

Tools & Equipment List				
Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. 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 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 non-metal 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 Therapist				
Sr. 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 inches 1x 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, developer bottle 50ml -standards: IS 8481 - 2005 (R2016)	Nos	5
28	Eye brush	Eye Brush For Makeup Eye Smudger Brush with Natural Bristles Wooden Handle, Brass Accents - Silver	Nos	5
29	Eye liner	Water resistant Liquid Eyeliner with Applicator - 10 ml per bottle Standards: IS 15154:2002	Nos	10
30	Eye shadow Palette	Three shades: light, medium and dark tone of 2 gms each	Nos	5
31	COMB	any Plastic	Nos	10
32	Eye brow 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 medium 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 grade Poly propylene, appropriate tidal volume 150 ml to 1000 ml	Nos	5
42	Fairness Bleach	200gms medium size	Nos	5
43	Feet scraper	normal standard size metal	Nos	10
44	Finger separator	4" inch foam	Nos	10

Tools & Equipment List				
Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. No.	Tools and Equipment	Specification	Unit Type	Per school qty
45	Floor mat	3mm mat with design of preventive colour to attract to see of size 6ftx6ft Material Polyurethane foam, Overall size in mm 600+/-10x1500+/-10.	Nos	5
46	Foil paper	5meters	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 and massager	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 Small Brush	Nos	5
55	Hair clips	normal standard size 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 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 straightness with outer coating of black polishing 240v/50hz/2000w variable heating controller	Nos	5
63	Hand cleanser	big size Hand sanitizer, Ethanol + Chlorhexidine, 100 ml	Nos	10
64	Hand massager	small size	Nos	5
65	Hand mirror	Hand hold hair dressing salon mirror Overall Width (mm) 357 Overall Height (mm) 543 Mirror Thickness (mm) 3	Nos	10
66	Hand moisturizer	500ml medium size Ethanol + Chlorhexidine, 500ml	Nos	10

Tools & Equipment List				
Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. 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 analyser to improve an cleanses pores an variable galvanic roll to improve skin elasticity power is variable	Nos	3
71	Gels/serums for galvanic facial	5ml small size	Nos	10
72	Glue or cello tape	normal standersize 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 Shelf Life (years) 1	Nos	20
79	Loofa	normal standersize 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 &metal	Nos	3
87	Manicurist's chair or stool	normal standard size 12"x12" inch leather & metal Revolving Stool 5 Legged (Cushioned Top), Material of Top: Stainless Steel, Adjustable Height Yes Normal Height (mm) 450 Min. Height (mm) 450	Nos	3

Tools & Equipment List				
Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. 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 Overall Length (mm) 155 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	Nos	10
97	massage table	normal standard size 67"X31"X24" inch 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 Weight of Wax Block (gram) 800 Soft and pure YES Melting point of paraffin wax (Degree Celsius) 54	Nos	10
107	infra - Metal Pedicure Foot 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 List				
Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. No.	Tools and Equipment	Specification	Unit Type	Per school qty
113	Room Decoration charts	12"x10" inches subject related	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 & leather	Nos	1
117	Salon chair / 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 plastic containers 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) 9.98 millimeter Overall Length (mm) 121Blade Thickness (mm) 2	Nos	10
123	Soap or shampoo	big size Weight of Soap Bar (gms) 20gram, Dettol	Nos	20
124	Spatula	Spatula medium size	Nos	10
125	Spoon	normal standard size plastic Tea Spoon (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 leather & metal	Nos	1
129	Sugar 1 KG	big	Nos	5
130	Steel Scraper	normal standard size plastic	Nos	3

Tools & Equipment List				
Sector: Beauty & Wellness; Job Role: Beauty Therapist				
Sr. 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/ smooth fabric Hand towel, Size (Lenght X 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, Thermostat : Yes, Height: 10 cm, Width: 24 cm, Depth: 10 cm, Diana Active Automatic Wax Heater, (Color May Vary), Auto Cut-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, Coating - Ceramic, Length - 10 Inch,	Nos	5
141	Curling Iron	Frequency: 50 Hz, Usage: Beauty Salon, Voltage: 110-220vac	Nos	3
142	Hair Connector	Material: Metal + plastic, 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, Colours : White	Nos	50

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

Apparel:

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
1	Apparel Item 1	Single needle lock stitch machine (SNLS) 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 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 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

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
4	Apparel Item 4	Sewing Machine and Accessories Attachments	1 High quality bobbin case, 5 high quality aluminium bobbins, 1 pair of right & left single/zipper foot, 1 gathering foot, 1 box [10nos] sewing machine needle of size 14 and 1box [10nos] sewing machine needle of size 16.	Kits	10
5	Apparel 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 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 Item 7	Paper, Scissors	Plastic handled stainless steel scissor for cutting paper Size - 6inch.	Nos	15
8	Apparel 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 Item 9	Tracing wheel	Tracing wheel with minimum length:-15.2cm, and wheel gear diameter:-2.2cm.	Nos	15
10	Apparel 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 Item 11	Craft Cutter	Metal craft cutters/nippers with plastichandle for multi use cutting threads,paper,crafts	Nos	15
12	Apparel Item 12	Safety Pins	Steel safety pins of medium (3.5cm) andlarge sizes (5.5cm)	Box	10
13	Apparel Item 13	Dress Maker's Pin	All pins with pointed needle with length 2.5 cm X diameter 0.5 mm	Box	10
14	Apparel Item 14	Scale	Metallic scale of sizes 6" & 12"	Nos	10

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
15	Apparel Item 15	Measuring Tape	PVC measuring tape of 7.5 m and 0.5" width	Nos	10
16	Apparel Item 16	Bobbin and bobbincase for industrial machine	Steel bobbin and bobbin case, Material: Stainless Steel, Dimension(lxbkxh) in cm: 4x3.5x1.3	Nos	30
17	Apparel 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	Nos	30
18	Apparel Item 18	Machine needles	Sewing machine needle with one pack containing minimum 20 needle, Standardsize, Size: 9, 11, 14, 16, 18;	Nos	30
19	Apparel Item 19	Needle Threader	Steel needle threader, Size: approx. 6.7 x 2.2 x 0.6 cm	Nos	30
20	Apparel Item 20	Dress Form (Various Sizes of Male / Female / Kids)	Material - Foam with Plastic Dress Form Women's-Medium -1Dress Form Men's Medium - 1	Kits/ Set	1
21	Apparel Item 21	Threads	180 mts polyester thread used in hand & machine work (set of 100)	Set	3
22	Apparel Item 22	Personal protective equipment (Nose Mask, Goggles, etc.)	Gown Non Oven 1 N95 Facemask 1 headcap Non Oven 1 Disposable gloves (CIPET Certified) 1 Shoe cover knee length 1 Waste Collection bag 1 goggle 1 Kit Size mm 300x350 BIS Certification for Waste Collection bag Yes ISI Certification for N95 Facemask Yes	Nos	10
23	Apparel Item 23	Cutting Table	Pre-laminated folding type board of measurement- 8'(L)x 6' (W) x 3'(H)	Nos	2
24	Apparel Item 24	Students Sewingstools	Sewing machine table made up ofstainless steel.	Nos	10
25	Apparel Item 25	First aid box	Large household multi-layer first aid kit multifunctional medicine box comprisingof first-aid bandage, small scissors, tweezers or a cotton swab, ointment, and other basic over the counter drugs.	Nos	1

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
26	Apparel Item 26	Dustbin	Stainless steel plain pedal dustbin-1Big plastic garbage bin- 1	Nos	2
27	Apparel Item 27	Pouches for Storing 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 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 Item 29	Machine Oil	200ml bottle of sewing machinelubricant oil.	Nos	15
30	Apparel Item 30	Stationary	Pencil (HB) Files and Folders Carbon Paper (Various Colors)Labels and Stickers	Nos	30
31	Apparel 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 Fabric Worksheet Style Confirmation sheet Fabric consumption Chart Fabric Requirement sheet (FRS) Trims Requirement sheet	Nos	15
32	Apparel 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

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
			IRONING SURFACE: 48"x16"(length x width in inches)		
33	Apparel Item 33	Iron/Press - Steam Press	Steam Iron 360° Swivel Cord 5 Modes Non-stick Teflon Coated SoleplatePower: 800 Watts 12 Months Warranty	Nos	7
34	Apparel Item 34	Design Patterns template (Quantity and variety may vary)	Design Patterns template sample	Nos	15
35	Apparel Item 35	Machine Folders with Attachments	10mm, Single needle lock stitch machine, Needle plate footdog pressure foot	Nos	5

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
36	Apparel 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 bobbins must be used in models that come with this style. needle: Assorted hand sewing needles for embroidery and mending sharp tip. Hard steel. Clear & large eye for thread. small tensile: the extension remaining after a specimen has been stretched and allowed to retract in a specified manner, expressed as a percentage of the original length. 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 hard steel 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 marking on cloth for measurements. marking of chalk should be erased easily.	Nos	1

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school 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.		

Tools and Equipment List					
Sector: Apparel, Made-up's and Home Furnishing; Job Role : Sewing Machine Operator					
S. No.	Item Code	Tools & Equipment	Specification	Unit (type)	Per school qty
37	Apparel Item 37	Automatic Thread Indicator	Device help designer/ tailor to smartly find the particular color thread as per requirement. Yes moisture resistance body smoothly operating between temperature – °C10 to 70 Threads with LED indicator and color sensor, 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 Plastic weight – grams 150	Nos	1
38	Apparel 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-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, 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	Nos	1

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

Multi Skill Foundation Course (MSFC):

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
Measuring Equipments								
1	WET1	Steel Ruler	पोलादी (स्टील) पट्टी		150 mm, 300mm ,1 mtr		No / Each	2
2	WET 2	Measuring Tape	मीटर टेप		3 and 5 Meter		No / Each	2
3	WET3	Spirit Level Bottle	स्प्रिरीट लेव्हल		0.01 - 0.05mm/meter		No / Each	1
4	WET4	Vernier Caliper	व्हर्नीअरकै वार		150mm (LC/0.02mm)& 200mm (LC/0.05mm)		No / Each	1
5	WET 4.1	Vernier Caliper-Digital	व्हर्नीअरकै वार		150mm (LC/0.02mm) &	Zhart or equivalent	No / Each	1

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
					200mm (LC/0.05mm)			
5	WET5	Spring Caliper Inside /Outside /Divider	स्प्रिंग कै वार (आंतर, बाह्य, ववभाजक)		6" or 150 mm Length Inside /Outside /Divider		No / Each	2
6	WET6	Out - Side Micrometer	सू रमाणी (मायरोमीटर)		0-25mm (LC/0.01mm)		No	1
	WET 6.1	Out - Side Micrometer Digital	सू रमाणी (मायरोमीटर)		0-25mm (LC/0.01mm)		No	1
7	WET7	Threading Gauge (Engineering)	थ्रेड वॉ गेज		Metric		No	2
8	WET8	Threading Gauge (Plumbing)	थ्रेड वॉ गेज		British		No	2
9	WET 9	Radius Gauge	रेड अस गेज		Metric		No	2
10	WET 10	Try Square	गुण्या		75mmx100mm		No	1
11	WET 11	Tri-square (Welding)	गुण्या (बांधकाम आणण सुतारकामासाठी)		Blade size 150mm		No	1
12	WET 12	Tri-Square (Casting base) (construction and Carpentry)			Blade Size 600mm		No	1
Sub Total								
Carpentry Hand/ Cutting Tools /Equipment								

13	WET 13	Scriber	लोखिं ावर मार्कग		150 to 200 mm length with double ended - 1 Straight and 1 bend end.	No	1
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Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
			करण्यासाठी (स्नायबर)					
14	WET 14	Claw Hammer	णखळे काढायचा हातो ा (क्लॉ हॅमर)		400 gm Chrome Plated Claw Hammer Tubular Steel Handle: With Handle	TAPARIYA or or Equivalent	No	1
15	WET 15	Mallet Wooden	लाक ी हातो ा		Small	Local Brand	No	1
16	WET 16	Mallet Plastic	प्लास्टिक हातो ा		Medium	Local Brand	No	1
17	WET 17	Tenon Saw	पट्टी करवत		10"		No	1
18	WET 18	Saw	करवत		18"		No	1
	WET 18.1	ELECTRIC CIRCULAR SAW			1050 W	Drona or or Equivalent	No	1
19	WET 19	Saw small size	करवत		12"		No	2
20	WET 20	Diwad Plier / Sawteeth setting plier	करवतीला दव पाण्यासाठी लागणारी पक्क		Pistol Type Alloy Steel 15x6 cm		No	1
21	WET 21	Hacksaw Frame	लोखिं कापायची करवत		12", fix metal frame.	BIPICO or Equivalent	No	1
	WET 21.1	ADJUSTABLE HACKSAW FRAME	लोखिं कापायची करवत		40 x 13 x 2.5 Centimeters	Taparia/Ambite c/Jet or Equivalent	No	1
22	WET 22	Half Round Wood rasp File	कार्नेस (आधी गोल खरबड त कार्नेस)		10"	JK or Equivalent	No	1

23	WET 23	Flat file Rasp	कार्नेस		10"	JK or Equivalent	No	1
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Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
			(चपटी कार्नास)					
24	WET 24	Flat file Rough	कार्नास (चपटी खरबड त)		12"	JK or Equivalent	No	1
25	WET 25	C-Clamps (for carpentry use)	सी क्लॅम्प		4"	TAPARIYA or Equivalent	No	1
26	WET 26	Iron Plane	लोखिं रीं धा		5" & 9"	AMBIKA or Equivalent	No / Each	2
27	WET 27	Firmer Chisel	स्त्रि पटाशी		Flat, Width 1" & 1/2", Length -8" with Plastic Handle		No / Each	1
28	WET 28	Mortise Chisel	पटाशी / सड्या / र्ककर		Width 1/4" & 1/2" Length -8" with Plastic handle		No / Each	1
29	WET 29	Pairing Chisel	तास (पेअररमिं) पटाशी		Width 1" Length -8" with Plastic handle		No	1
30	WET 30	Hand Drill Machine	हँ डिल मशीर्न		Size- 1/4 Inch Dimensions- 15x10x5 cm Weight - 200gm	TAPARIYA or Equivalent	No	1
31	WET 31	Butt Hinges	सिंमुख बबजागरी (बट दहमिं)		Width-50mm, Length -100 mm		No	1
32	WET 32	Rising Butt Hinges	उचलती सिंमुख बबजागरी		Width-50mm, Length -100 mm		No	1
33	WET 33	T' hinges	टी-बबजागरी		Width-50mm, Length -100 mm		No	1
34	WET 34	Parliament hinge	पालम ेंट बबजागरी		Width-50mm, Length -100 mm		No	1

35	WET 35	Piano Hinges	वपयानो बबजागरी		Width-50mm, Length -100 mm	No	1
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Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
36	WET 36	Sun mica Cutter	सर्नमायका कापायचे साधन		Half Round Dimensions - 20x2 mm	AMBIKA or Equivalent	No	1
37	WET 37	Carbound um Stone (Emery)	नर्नसर्ना		6" x 2.5" x 2"	JK or Equivalent	No	1
38	WET 38	Auger Bit	स्जमलेट (गगरमीट बबट)		1/4" & 1/2"		No / Each	1
Sub Total								
Sheet-Metal Work Hand/ Cutting Tools /Equipment								
39	WET 39	Tin Cutter (Tin cutter with spring)	पत्रा गोलाकार कापण्यासाठी कात्री		Small size 12"	TAPARIA or Equivalent	No	2
40	WET 40	Tin Cutter -Scissor	पत्रा सरळ कापण्यासाठी कात्री		12"	AMBIKA or Equivalent	No	2
41	WET 41	Blow Lamp	ब्लो लॅम्प		Material - Brass22x19x22 cm 700 gm		No	1
42	WET 42	Soldering Iron (khadya)	खड्या		Copper		No	1
Sub Total								
Drilling, Tapping, Threading Hand/ Cutting Tools /Equipment								
43	WET 43	Bench Drill Machine (With belt safety guard& on/off switch facility)			Capacity: 13mm 230V 50Hz , single phase		No	1
44	WET 44	HSS Drill set	डिल बीट		4 Mm To 13 Mm	JK/MIRANDA or Equivalent	Set	1
45	WET 45	Center Drill	सेंटर ड्रिल		2.5 - 6.5 mm 90 डग्री		Set	1
46	WET 46	Tap Wrench	टॅपरेंच		200 mm		No	1
47	WET 47	Oil Can	विंगणाची बुधली		250 ml		No	1

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
48	WET 48	Machine vice	मशीन व्हाईस		100 mm Jaw opening		No	1
49	WET 49	Hammers B.P (Hammers ball pain)	हातो ा		500 Grams	JK or Equivalent	No	1
50	WET 50	Hammer C.P (hammer cross pain) with handle forged steel			500 Grams	JK or Equivalent	No	1
51	WET 51	Flat Chisel	सुरि पटाशी (निष्णी)		6"	Rasco/AMBIKA / TAPARIA or Equivalent	No	1
52	WET 52	File Handle Wooden	लाक ी दांिं ा/, मठु (कर्नस वगैरे साठी)			Wooden	No	15
53	WET 53	Flat Basted File	चपटी ख ब ीत कर्नस		10",12"	JK SHER or Equivalent	No / Each	1
54	WET 54	Flat Smooth File	चपटी गुळगुळीत कर्नस		12"	JK SHER or Equivalent	No / Each	1
55	WET 55	Triangular files	बत्सकोणी कर्नस		10"	JK SHER or Equivalent	No	1
56	WET 56	Round Basted File	गोल कर्नस		8"	JK or Equivalent	No	1
57	WET 57	Bench Grinder	बेंच ग्राइं र		Wheel Diameter 150 Mm, single phase, 1/2 HP, 230v-50 Hz,		No	1
58	WET 58	Electrical hand drill machine	इलेक्िक हॅ ििल मशीन		13 mm, Fiber Body Drill Machine, KPT	JKID-13VR / BOCSE or Equivalent	No	1

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

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
		Spanner SET			8X9, 10X11, 12X13, 14X15, 16X17,)			
61	WET 61	Ring Spanner Set	रिंग स्पॅन्ना		6-7 To 20-22 Mm	TAPARIA or Equivalent	Set	1
62	WET 62	Tap & Die Set	टॅप डाय सेट		6 mm To 12 mm		Set	1
63	WET 63	Die wrench	डाय रेंच		Length 300mm, ID 38mm		No	1
Sub Total								
Welding Hand/ Cutting Tools /Equipment								
64	WET 64	Arc Welding Machine (Transformer)	वेल्डिंग मशीन ट्रांसफॉर्मर	वेल्डिंग मशीन ट्रांसफॉर्मर	250Amp / single phase (portable machine)	JK or Equivalent	No	1
65	WET 65	Cable & Lugs (Welding cable)	वेल्डिंग केबल		5 Mtr (welding cable for 250 amp)10 sq. mm.{ 3 Mtr for Holder & 2 Mtr for Arthing	Finolex/Localor Equivalent	Meter	1
66	WET 66	Welding / Electrode Holder	वेल्डिंग इलेक्ट्रोड होल्डर		Plastic Handle		No	1
67	WET 67	Wire Brush	वायर ब्रश				No	2
68	WET 68	Adjustable Wrench (Adjustable Spanner)			10"	Tapariya or Equivalent	No	2
69	WET 69	Grip-on-pliers	ग्रीप प्लायर		100mm		No	1
70	WET 70	Vise Grip	व्हाईस ग्रीप		7"	J K Tools / AMBIKA or Equivalent	No	1

Sub Total							
Building & Construction Hand/ Cutting Tools /Equipment							

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
71	WET 71	Trowel (Thapi) Set	ठिापी		Full set with different sizes		Set	1
72	WET 72	Trowel (Thapi-Plane)	ठिापी		Plane sheet for finishing		No	1
73	WET 73	Plumb Bob	ओळिंबा		Metal		No	1
74	WET 74	Line Rope	लाईन रोप		15 meter/1 bundle		Bundle	1
75	WET 75	Sand Sieve	वाळूची चाळणी		1.5ft diameter		No	1
76	WET 76	Masonry Drill (Concrete Drill)	कॉरिंग ड्रिल बीट		5 mm To 12 mm(5 No)	JK or Equivalent	Set	1
77	WET 77	Bucket (MS steel bucket)	पत्र्याची बादली		Iron 10 liter G.I Bucket		No	2
78	WET 78	Ghamelas (MS Steel) (for construction work)			MS steel / plastic for construction work		No	4
79	WET 79	Spade with wooden handle	खोरे लाकडी दांड्यासह		74.9 x 24.1 x 6.4 cm Weight - 2kg Wooden Handle		No	2
Sub Total								
Plumbing Hand/ Cutting Tools /Equipment								
80	WET 80	Pipe Die Set - with D/E Handle(pipe wrench)	पाईप डाय सेट		1/2" , 3/4" , 1"	AMBIKA or Equivalent	Set / Each	1
81	WET 81	Pipe Vice	पाईप व्हाईस		3" Cap	TAPARIA / AMBIKA or Equivalent	No	1
82	WET 82	Pipe Wrench	पाईप पकण्याचा पार्ना		12"	AMBIKA or Equivalent	No	1
83	WET 83	Water Pump Plier	पिंपासाठी पक्क		10"	AMBIKA/TAPARIA or Equivalent	No	1

84	WET 84	Hack Saw Blade	हक सा ब्ले		12" (300mm)	Mirinda or Equivalent	No	30
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Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
Sub Total								
Safety Equipment								
85	WET 85	Safety Helmet	हेमेट		Medium size PVC		No	4
86	WET 86	Safety Goggle	ट्रान्स्पारंट चष्मे		Medium		No	6
87	WET 87	Welding Goggle	वेल्डिंग चा काळा चष्मा				No	10
88	WET 88	Welding Screen with Head Band	वेल्डिंग स्क्रीन हे बँ सह				No	3
89	WET 89	Overcoat (Apron-Blue color)	एरन - लहान व मध्यम साईज		Material Polyester + Carbon Fiber Surface Resistivity Standered surface resistivity $1 \times 10^{10} > 6-8 \Omega/\text{cm}$. ESD Area Works Wearing 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 Full Sleeves Type Overcoat Jacket	Local Source	No	15

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
					Weight 180-210 GMS Thickness .03 MM(Approx)s small and Medium size (Blue color)			
90	WET 90	Hand Gloves (Welding leather hand gloves)			Weight : 340 G Size : Length-13.5 inches small Size (leather) Material Polyester, Leather,Cotton Special Feature Protective Padding		Pair	4
91	WET 91	Cotton Hand Gloves (sheet metal work)	काप ी हातमोजे		Material: Cotton Colour : YellowCut resistant Gloves nitrile coating		Pair	4
92	WET 92	Hand gloves pairs (constriction)	रबरी हातमोजे		Material: NylonSize: Free Size Special FeatureCut Resistant		Pair	2
93	WET 93	Welding Apron	चाम ी एरन (वेस्िंग साठी)		Style: WaistSize: Free Material: Blended		No	4

Sr.No.	Unique Code	Name of Tool, Equipment	Tool Name in Marathi	Tool Name in Hindi	Specification	Brand/ Company	Unit	Qty.
94	WET 94	Rubber Chappals			Material type: Rubber Closure type: Slip On Heel type: Flat Water resistance level: Water Resistant Style: Flip Flop Strap type: Thong Medium Size (14-16 age) Small and Medium		Pair	12
95	WET 95	First Aid Box			Cotton, Adhesive Bandage, Gauze roll bandage ,Scissor, Dettol, Antiseptic cream- Soframycin.		No	1
Sub Total								
Grand Total								
Consumables								
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. No.	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Specification	Brand/ Company	Unit	Qty.
Measuring Devices								
1	EE 1	Voltmeter	वोल्टमीटर	वोल्टमीटर	10 to 500 V		No	1
2	EE 2	Ammeter	अमीटर		0 to 50 amp		No	1
3	EE 3	Wattmeter	वॉटमीटर	वॉटमीटर	0 to 1500 W		No	1
4	EE 4	Frequency Meter	फ्रीक्वेंन्सी मीटर	फ्रीक्वेंसी मीटर	05 to 65 Hz		No	1
5	EE 5	Voltmeter / DIGITAL MULTIMETER	डिजिटल मल्टीमीटर	डिजिटल मल्टीमीटर			No	1
6	EE 6	Non-contact Voltage Detector	नॉन काँटॅक्ट वोल्टेज डटेक्टर	नॉन काँटॅक्ट वोल्टेज डटेक्टर			No	1
7	EE 7	Wire Gauge	वायर गेज	वायर गेज			No	2

8	EE 8	Hydro Meter			to check gravity for Acid battery	No	1
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Sr. No .	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Specification	Brand/ Company	Unit	Qty .
9	EE 9	Fish Tape	फिश टेप	फिश टेप	upto 15ft		No	1
10	EE 10	Linesman Pliers (Combination Pliers)	लाइन्समॅन प्लायर	लाइन्समॅन प्लायर	8"		No	2
11	EE 11	Long Nose Pliers	लॉन्ग नॉज प्लायर	लॉन्ग नॉज प्लायर	6"		No	2
12	EE 12	Side Cutting Player	साई कटकिंग प्लायर		6"		No	2
13	EE 13	Screw Driver Set	स्क्रू ड्रायवर	स्क्रू ड्रायवर	100, 150, 200, 250, 300 mm		Set	1
14	EE 14	Screw Driver Set / Electrician-Wiremen Set					Set	1
15	EE 15	Pokar	पोगर				No	1
16	EE 16	Tester	टेस्टर			Taparia or Equivalent	No	4
17	EE 17	Wire Stripper	वायर स्ट्रिपर	वायर स्ट्रिपर			No	2
	EE 17.1	Wire Stripper (Automatic)	वायर स्ट्रिपर	वायर स्ट्रिपर	Automatic	D&V or Equivalent	No	2
18	EE 18	Razor Blade Knife (Utility Knife)	रेझर ब्ले नाइफ	रेझर ब्ले नाइफ			No	2
19	EE 19	Hack Saw	हॅक सॉ				No	1
20	EE 20	3 Core Flexible Cable (For Drilling , Grinding , Welding M/c conectine)			1.5 Sq mm		Mtr	4
21	EE 21	Sockets (Assorted) 2 Pin	सॉकेट	सॉकेट	2 Pin		No	10

22	EE 22	Sockets (Assorted) 3 Pin	३ वपनसॉके ट	३ वपनसॉके ट	3 Pin		No	10
23	EE 23	Plugs (Assorted) Top 2 Pin	सॉके ट टॉप	सॉके ट टॉप	2 Pin		No	10

Sr. No .	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Specification	Brand/ Company	Unit	Qty .
24	EE 24	Plugs (Assorted) Top 3 Pin	प्लग टॉप	प्लग टॉप	3 Pin		No	10
25	EE 25	Switches	स्वचेस	स्वचेस	Set of switches Combo of 12M Plate + 6A Switch x12 Application: Can be used for Living areas with requirement of 12 Light points. Made with high quality fire retardant virgin polycarbonate material and silver plated conductor components for long lasting switches and sockets. Easy installation / removal of module due to the snap fit feature		Set	1
26	EE 26	Switches (Assorted) One way	वर्न वे स्वीच	वर्न वे स्वीच			No	10
27	EE 27	Switches (Assorted) Two way	टू वे स्वीच	टू वे स्वीच			No	10
28	EE 28	Bell Push Switch					No	2
29	EE 29	Lamp Holders (Assorted) Angle	अँगल हो र	लपैं हो र एिंगल			No	5
30	EE 30	Lamp Holders (Assorted) Bettle	बटॅ न हो र	लपैं हो र बैटर्न			No	5
31	EE 31	Light Emission Diode	लाईट इममर्शन ायो	लाइट इममर्शन ायो			Box	1
32	EE 32	Pull-Push Switch	पुल पुश स्वीच	पुल पुश स्वीच			No	1

34	EE 34	Capacitor	कैप्यामसटर		1000uF 25V ±20% Tolerance +105°C Max Temperature..	No	2
35	EE 35	Relay	ररले	ररले		No	1

Sr. No .	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Specification	Brand/ Company	Unit	Qty .
36	EE 36	Earthing Plate	अगिंग प्लेट		1 ft. X 1ft.		No	2
37	EE 37	Earthing Rod	अगिंग रॉड		Material - Copper Diameter - 17 mm Length - 1 mtr		No	2
38	EE 38	Earthing Pipe	अगिंग पाइप		GI Pipe Diameter- 1/2 inch Length - 1 mtr		No	2
39	EE 39	Different Type of Fuse					Set /Each	1
40	EE 40	Miniature Circuit Breaker	ममनर्नएचर सर्कल ट ब्रेकर	ममनर्नएचर सर्कल ट ब्रेकर			No	2
41	EE 41	Electric Soldering Iron	इलेक्ट्रिक सोल्डरिंग आयर्नल	इलेक्ट्रिक सोल्डरिंग गर्न	35 watt		No	2
42	EE 42	Valve Spanner					No	1
43	EE 43	Nozzel/Nipple spanner					No	1
44	EE 44	Wick Stove			Material - Stainless Steel Model - Regular Packaging Type - Color Box Capacity - 3 Litres Usage/Application -Home Cooking Is It Portable? Yes		No	1
45	EE 45	Pressure Stove			Type: Manual Gas Stove Burner Type: KEROSENE BRASS BURNER Number of Burners: 1 Body Material: Iron Dimension: 20.32 cm x 35.5 cm KEROSENE PRESSURE STOVE, BRASS TANK LEAD, PUMP & PVC WASHER, BURNER CLEANING PIN, KIT		No	1

Sr. No .	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Specification	Brand/ Company	Unit	Qty .
46	EE 46	DOL STARTER	डीओएल स्टार्टर		Single Phase, 230Volt	Crompton or Equivalent	No	1
47	EE 47	WATER PUMP 1 PHASE	वाटर पम्प	वाटर पम्प	Single Phase , 0.5 HP		No	1
48	EE 48	MOTER ELECTRIC 1 PHASE	इलेक्ट्रिक मोटर १ फेज		Single Phase , 230 volt		No	1
49	EE 49	Rotary Switch	रोटरी स्वीच	रोटरी स्वीच			No	1
50	EE 50	Earthing Wire	अग्नि वायर	अग्नि 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 Wires	वायसल	वायसल	Material: PVC1mm Type: Copper Wire 1 sq mm		Mtr / RYB	100
Sub Total								
Safety Tools and equipment								
52	EE 52	Electrical Hand Gloves	हातमोजे		11 KVA		Pairs	2
53	EE 53	Rubber Matting	रबर मट्ट	रबर मट्ट	3' x 2'		No	2
54	EE 54	Sand Bucket			10 Ltr		No	2
55	EE 55	Fire Extinguisher CO2			2kg, ABC Types		No	1
Sub Total								
Grand Total								
Consumables								
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. No.	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Brand/ Company	Unit	Qty .
General Tools							
1	HH 1	Stainless steel Plates	स्नैर्लेस स्टील िाळा/ताट	िाळा	Stainless Steel (Dia 20cm)	No.	2
2	HH 2	Sieves	स्टील चाळणी	स्टील चलर्नी (भाजी धुवर्नू नर्न ठेवण्यासाठी)	Stainless Steel Size- 21x11x10 cm)	No.	1
3	HH 3	Set of cooking spoon	वाढणीचे चमचे	खार्ना बर्नार्ने वाले चमचो का सेट	Stainless steel	Set	1
4	HH 4	Stainless steel Containers with Cover (Pot)	झाकणासह पातले	ढक्कर्न सदहत भागोर्ना	Food grade stainless steel (Containers of 1 ltr and 2 ltr capacity)	No.	1
5	HH 5	Steel Bowls	स्टील ची वाटी		Dia 6 inch	No	2
6	HH 6	Frying Pan (medium)- With Handle	कढई	कढाई	Stainless stree with copper bottom - medium size (Dia 20cm)	No.	1
7	HH 7	Grater/ Shredder	र्कसणी	कद्दक्ू स	Stainless steel (8 in1) (8x7.5x18.2 cm)	No.	1
8	HH 8	Hand Operated Chikki Slicer (Roller), cutter		कटर	Stainless steel (14x160x120 mm)	No.	1
9	HH 9	Knives	सुरी	चाक्ू	Stainless Steel (Medium size)	No.	2
10	HH 10	Polpat and Latan (Roller)	पोळपाट आण्ण लाटणे	पोळपाट ओर बेलर्न	Wood	Set	1
11	HH 11	Gas lighter	गस लायटर	गस लायटर	stainless Steel - Domestic Use	No.	1
12	HH 12	Measuring Mug / Cup	मोजण्याचा ग्लास	मापक ग्लास	Plastic/ Glass 250ml	No.	1
13	HH 13	Measuring Spoons	मोजण्याचे चमचे	र्नार्पर्ने वाला चम्मच	Plastic	set	1

14	HH 14	Mixer (Mixture-Grinder)	ममक्सर	ममक्सर	ISI mark Mixer with two grinding containers - 550 Watt	No.	1
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Sr. No.	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Brand/ Company	Unit	Qty .
15	HH 15	Pressure Cooker	रेशर कुकर	रेशर कुकर	Steel / aluminium - 5 ltr	No.	1
16	HH 16	Scissors	कात्री	कैंची	1 medium 1 Large - With plastic handle	No/Each	1
17	HH 17	Table Spoons	टेबल स्पून	टेबलस्पून	Stainless steel	No.	6
18	HH 18	Single Burner Stove	गॅस स्टोव्ह	गैस चुहा	ISI Mark - 27x29x9 cm	No.	1
19	HH 19	Tong	पक्क	पक्क / बर्तन उठाने वाला गचमटा	Steel -24x3x3 cm	No.	1
20	HH 20	Vegetable Peeler	सोलणी	निलनी	stainless steel - 25x25x43 cm	No.	2
21	HH 21	Water Container (Jug)	पाण्यासाठी जग	जग	stainless steel 1liter capacity	No.	1
22	HH 22	hindalium container with lid - 3lit	दहिंगे मलमल पातले झाकणासदहत -3 मलटर	दहिंगे मलमल भगोर्ना (ढक्कन सदहत)- 3 लीटर	Hindalium 3 liter	No	1
23	HH 23	Dust Pan	के राची सुपली	कूड़े का तसला	Plastic; Size-medium	No.	1
24	HH 24	Sieves	चाळणी वेगवेळ्या चाळण्याच्या प्लेट सह	चलनी	Plastic with multiple sieving plates- 20x20x5 cm	No.	1
25	HH 25	Plastic Container	प्लास्टिक बरणी- आधा केलो	प्लास्टिक ड ब्बा - आधा केलो	0.5 kg, Food grade plastic (Set of 4) - Recommend Cello brand OR equivalent	No.	4

26	HH 26	Glass container	काचेची बरणी प्लास्टिकच्या झाकणाची - अधार्कलो	ग्लास का ब्ला (प्लास्टिक ढक्कन)	glass with plastic lid - half kg. Capacity	No.	2
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Sr. No.	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Brand/ Company	Unit	Qty .
27	HH 27	Digital Kitchen Balance	स्वयंपाक घरातील वजन काटा	रसोई तोलनयंत्र	ISI Mark with 5 kg capacity- Digital Balance Brand- Glun or Equivalent	No	1
28	HH 28	Plastic Bucket	बादली	प्लास्टिक बाटी	Plastic -10 ltr capacity	No	1
29	HH 29	Plastic Dustbin	कचरा बा	कूड़ादान	Plastic	No	1
30	HH 30	Blood Pressure Measuring Equipment (Sphygmomanometer)- Mercury Free		रक्तदाबमापी	ISI mark- Mercury Free	No	1
31	HH 31	Stethoscope	स्टेथोस्कोप	स्टेथोस्कोप	ISI mark	No	1
32	HH 32	Thermometer	मिनालमीटर	मिनालमीटर	Glass - 30x1x1 cm	No	1
33	HH 33	Weighing machine	वजन काटा	वेइगिंग मशीन (मनुष्य का भार मापने वाला यंत्र)	ISI mark - 100kg capacity	No	1
34	HH 34	First -aid Box	रिमोपचार पेटी	रिमोपचार पेटी	ISI mark	No	1
35	HH 35	Beaker	चिंचूपात्र	बीकर	Made with Glass - 250 ml	No	1
36	HH 36	Digital BP machine	डिजिटल रक्त मापक यंत्र	डिजिटल रक्त मापक यंत्र	ISI mark	No	1
37	HH 37	Digital timer	डिजिटल टाइमर	डिजिटल टाइमर	ISI mark	No	1
38	HH 38	Digital Candy Thermometer (for taking food temperature)		कैंडी मिनालमीटर	taking food temperature - Range - (-50 to 300degree celcius) Brand- Syga or Equivalent	No	1
39	HH 39	Wall clock	मभतीवरील	दीवार घड़ी	Orpat/Citizen or Equivalent	No	1

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40	HH 40	Fire Extinguisher CO2			ISI Mark - 2kg ABC type	No	1

Sr. No.	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Brand/ Company	Unit	Qty .
41	HH 41	Apron (Cloth)	अॅरन	एरन	Type of Product : Fine Quality Apron Size : 24x36 inch Material :Cotton cotton- medium size - For 14 to 17 years children	No	5
42	HH 42	Dish towels	भांिं ीपुसण्यासा ठी टॉवेल	बतर्नल पोर्नि का कप ा	Material : Cotton Product Dimensions 70Lx 45W Centimeters Style Classic Pattern Striped Special Feature Durability,Lightweight Theme Striped	No	3
43	HH 43	Hand Gloves	हातमोजे	दस्ताने	Length :240 mm Material : Nitrile	Pair	4
44	HH 44	Hand Gloves (Plastic)	हातमोजे	दस्ताने	Color : Transparent Is Consumable : Y Size : Free Size Cotton - medium size - For 14 to 17 years children	No	1
45	HH 45	Head Caps (Cloth)	ोक्याची टोपी	रसोई वाली टोपी (कप े की)	Colour Blue Material Disposable Bouffant Pattern Solid 20 GSM - For 14 to 17 years children	No	15
46	HH 46	Candles	मेणबती	मोमबती	Material - WAX medium size - 6 inch	no	1
47	HH 47	Aluminum foil	अलुमुनियम म फॉयल		Material Aluminium, Is Microwaveable Yes 100 mtr	Roll	1
Sub Total							

Charts

Sr. No.	Unique Code	Name of the Tool / Equipment	Name in Marathi	Name in Hindi	Brand/ Company	Unit	Qty .
48	HH 48	Food Pyramid	अन्न मर्नोरा	अन्न मर्नोरा		No	1
49	HH 49	Nutrition Chart	न्युट्रिशन चार्टल	न्युट्रिशन चार्टल		No	1
50	HH 50	Diseases Chart	अन्न,पाणी, स्वच्छता अभाव इत्यादी पासर्न होणाऱ्या रोगांचा चाटल	अन्न,पाणी, स्वच्छता अभाव इत्यादी पासर्न होणाऱ्या रोगांचा चाटल		No	1
Sub Total							
Grand Total							
Consumables							
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. No.	Unique Code	Name of the Tool, Equipment	Name in Marathi	Name in Hindi	Specifications/Brand	Unit	Quantity
General Tools							
1	AA 1	Budding Knife	कलम करतार्ना ळे काढण्यासाठी / भरण्यासाठी चाकू		Two stainless steel blades and one brass budder Comfortable nylon grip (Falcon Brand isbest) or Equivalent	No.	4
2	AA 2	Garden Knife	बागकामाचा चाकू	गार्नल चाकू	9 Inch blade with plastic grip. (Falcon Brand or Equivalent)	No.	4
3	AA 3	Grafting Knife	कलम करण्यासाठी चाकू		One stainless steel blades and Comfortable nylon grip (Falcon Brand or Equivalent)	No.	4

4	AA 4	Hori Hori Knife (Soil Knife)	काटेरी चाकू		9 Inch blade with wooden handle. (Falcon Brand or Equivalent)	No.	2
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Sr. No.	Unique Code	Name of the Tool, Equipment	Name in Marathi	Name in Hindi	Specifications/Brand	Unit	Quantity
5	AA 5	Tree Cutting Shears	किं पण अगर जा फािंद्या िाटणीचीकात्री		Blade Length : 10 inch Alloy Steel Material with wooden handle and adjustable screw (Falcon Brand or Equivalent)	No.	1
6	AA 6	Pruning Sheared / C Cutter	िाटणीची कात्री		Blade : Stainless Steel Cutting Size : 15mm with lock nut (Falcon Brand or Equivalent)	No.	1
7	AA 7	Pruning Knife	झा ििंचे पट्टे रनकिं करण्यासाठी चाकू		Blade : Stainless Steel Cutting Size : 25mm	No.	2
8	AA 8	Trowels	बागकामात लागणारे खुरपे		Size : 150mm with plastic handle (Falcon Brand or Equivalent)	No.	2
9	AA 9	Spade with wooden Handle	खोर		Medium Size blade (6-9inch) with 3 feet wooden handle	No.	2
10	AA 10	Axe with wooden handle	कुऱ्हा	कुऱ्हाडी	Small Size blade(3 inch) with 3 feet wooden handle	No.	1
11	AA 11	Pickaxe (Tikav) with wooden handle	दटकाव		Small Size blade (40-100mm) with 3 feet wooden handle	No.	1
12	AA 12	Khurpi	खुरपे		Blade length 5 inch. 15x10x5 cm. With straight blade and plastic handle	No.	4
13	AA 13	Sickle	ववळा		Blade length 18 inch with wooden handle and curved blade	No.	2

Sr. No.	Unique Code	Name of the Tool, Equipment	Name in Marathi	Name in Hindi	Specifications/Brand	Unit	Quantity
14	AA 14	Leaf Rake with Handle	वाळलेली पार्ने, कचरा, गावात साफ करण्यासाठी दातरे असलेले साधन		Blade length (22-30 inch) with 5feet wooden handle	No.	2
15	AA 15	Scissor	कात्री	कैंची	Stainless steel, Size : 200mm	No.	1
16	AA 16	Watering Can , 8 to 10 Ltr.	झारी	सींचने का कर्नस्तर	Plastic can 8 to 10 ltr.	No.	2
17	AA 17	Plastic Ghamale	घमले	घामेला	Dia 300mm	No.	4
18	AA 18	Crate	समान एका जागे ठेवण्यासाठी, कलमे के लेया वपशव्या हलवण्यासाठी वगैरे (प्लास्टिक रेट)		Virgin Plastic, Size : 533x360x305 mm	No.	2
19	AA 19	Plastic Jar - 500 ml (Mug)	मग	मग	Nyasa/Cello/Supreme or Equivalent	No.	1
20	AA 20	Plastic Buckets , 10 Ltr	प्लास्टिक बादली	प्लास्टिक टोकरी	Nyasa/Cello/Supreme or Equivalent	No	2
21	AA 21	Spraying Pump	नसरी मधील , बागेमधील झाडांवर फवारणी करण्यासाठी सेपिंग	निडकाव पम्प	Capacity : 2 Ltr with pressure pump	No.	2
22	AA 22	Measuring Tape	जमीन, जागा मोजण्यासाठी टेप	30 meter	Stainless Steel, Lock Facility	No.	1
23	AA 23	Weighing Balance	वजन काटा	10 kg , Capacity with minimum Division of 0.1 kg.	ISI Mark with 10kg capacity (Stainless Steel Pot)	No.	1
24	AA 24	Animal Digital Thermometer	मिालमीटर	राण्यांचे तापमान मोजण्याचे मिालमीटर	Flexible Tip, Waterproof	No.	1

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25	AA 25	Magnifying lens(bi- concave lens)	बदहवस मभविं		10X magnification with Steel frame and PVC handle	No.	4

Sr. No.	Unique Code	Name of the Tool, Equipment	Name in Marathi	Name in Hindi	Specifications/Brand	Unit	Quantity
			(की ओळखण्यासाठी)				
26	AA 26	Seeding Trays for Nursery ?(70 Cavity / holes)		नर्सरी ट्रे	70 cells in one tray of size 53 x 35 x 5 (L x W X H) in Cms.	No	6
27	AA 27	Sprinkler Irrigation Unit (Lateral pipe 16mm x 20ft , Micro sprinkler & micro jet 05 nos each)		निडकाव मसचाई यंत्रण्ट	Complete with Spray Jet, Heads and foggers, Rainport sprinklers, Valves etc	Set	1
28	AA 28	Drip Irrigation Unit (Lateral pipe 16mm x 20 ft , Elbow , coupler , T-joint , mini valve, gument teck, end cap , drip punch 5nos each		ड्रिप मसचाई यंत्रण्ट	16mm Main Supply Pipe 25mtrs, 4mm 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	Set	1
29	AA 29	Grafting transplanting bags	प्लास्टिक वपशव्या कलम करण्यासाठी		Waterproof, flexible, scalable, High elongation 4 inch to 8 inch	No. / Each	25
30	AA 30	Lactometer	लाक्टोममटर	लाक्टोमम टेर	Glass Body checked ND Calibrated with plastic cover box	No.	1

Sr. No.	Unique Code	Name of the Tool, Equipment	Name in Marathi	Name in Hindi	Specifications/Brand	Unit	Quantity
31	AA 31	Measuring Cylinder	काचेचे पात्र ममलीलीटर खुणासह	250ml	Made of Borosilicate	No.	1
32	AA 32	Beaker	चान्चुपात्र	250ml	Made of Borosilicate	No.	1
33	AA 33	Hand Gloves (Long)	बागकामाचे हात मोजे	हातमोजे	ISI Mark - Medium size (For 14 to 17 years students)	Pairs	1
34	AA 34	Mask (Canvas Mask)	पेस्टीसाई फवारतार्ना र्नाकावर बांधण्याठी मास्क	मास्क	ISI Mark (For 14 to 17 years students)	No	2
Sub Total							
Charts							
35	AA 35	Irrigation method charts	मसचर्नाची पद्धत चाटल	मसचाई पद्धत के चाटल		No	1
36	AA 36	Artificial insemination Chart	कृत्रिम गभालधार्न चाटल	कृत्रिम गभालधार्न के चाटल		No	1
37	AA 37	Breed charts Cow,Goat,Bull ock	गाय, म्हशीचिंच्या शेळी,बैल,मांज र,कुत्रा रजानत चाटल	नस्ल के चाटल गाय,भसैं ,,बैल,बकरा,बब्ली,कुता		No.	1
Sub Total							
Grand Total							
Consumables							
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	Dimensions & Specifications	Unit	Qty.

1	NA	Display board for tools display and easy access to students	4ft*3ft plywood of 18mm thickness with boundary (wooden gota)	No.	3
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			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 for tools display and easy access to students	4ft*2ft plywood of 18mm thickness with 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	No.	2
3	NA	Working Table to perform practicals for 15 students	Steel Frame with Length: 6 ft, Breadth: 4 ft and Height: 30 Inch (2.5 ft) Top: 18 mm commercial ply with lamination/power coating grey/glorry blue paint, bottom should be rubberrlevellar	No.	1
4	NA	Machine Table for Machine Installation	Steel Frame with Length: 4 ft, Breadth: 3 ft and Height: 30 Inch (2.5 ft) Top: 18 mm	No.	1

			commercial ply with lamination/power coating grey/glorry blue paint, bottom should be rubberrlevellar		
5	NA	Cupboard for Storage of tools, Raw material and other Resources	6 ft. Steel/Metal file cabinet with 4 adjustable shelves with lock and key facility, 20 Gauge with 78" x 34 "x19 " (6'6" x 2'10" x 1'7")	No.	2
6	NA	Stools for sitting	Length: 12 Inch, 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 rubberrlevellar (Ntlon)	No.	30
7	NA	Kitchen Table with Drawer and Storage cupboard / Working table	Length: 5ft, Breadth: 3ft, Height: 30 Inch Steel Frame : 20 mm x 20mm Square tube with 18 gauge , legs rubber bush, color grey with powder coating. Top : GI Top with sink frame with	No.	1

			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 Utensil Rack to keep kitchen utensils	No.	1
Total					

Other required items			
Sr. 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 for reference	Units

1	Multi Skill Foundation Course (MSFC)	3x0.75	Poly Vinyl/Sunboard (3mm thickness) Font: Century Gothic, White Border	1
2	Energy & Environment (EE)	3x0.5		1
3	Workshop & Engineering 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. No.	Tools & Equipment	Specification	Unit (type)	Per school 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 Gloves	size: 9 inch powder free: yes non sterile: yes material: latex waterproof: yes	Nos	5
7	Empty Gunny Bag	Material of Empty Bag - HDPE, Capacity - 50Kg, Weight Min - 10gm	Nos	20

List of Tools and Equipment Sector : Agriculture and Allied				
S. No.	Tools & Equipment	Specification	Unit (type)	Per school 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 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 Unit	Automation Grade: Semi-Automatic, Purpose- Vegetable Garden, AgricultureShape Of Dripline- Cylindrical Packaging Type - Carton Box Pipe Material - PlasticWeather Proof - Yes Material - Plastic, 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 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 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 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. No.	Tools & Equipment	Specification	Unit (type)	Per school qty
19	Trowel	material of tang: high tensile steel overall length of the handle: 24 mm material coating of handle: lacquer coated material of the blade: hard chromium type: medium material of blade: steel blade type, weight 150 gm: fix blade length: 6 inch weight in gram: 6	Nos	2
20	Farm yard 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 P ₂ O ₅ and 0.5 per cent K _p 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 can Material 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 plastic Blade hardness (HV) 471-480 Knife Blade Length (mm) 70	Nos	2
25	Garden rake/Leaf rake	14 teeth plastic garden rake with handle	Nos	2
26	Hand 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	Nos	5
		Type of Seeds Vegetable, Crops, Pulses, Food Grains		
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. No.	Tools & Equipment	Specification	Unit (type)	Per school 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 agricultural crops (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 avaiable	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	Nos	2
		Material -Coco Peat Coco Peat		
		COLOUR - Brown		
		Weight kg 1		
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	Nos	1
		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		

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

List of Tools and Equipment Sector : Agriculture and Allied				
S. No.	Tools & Equipment	Specification	Unit (type)	Per school qty
43	School Kitchen Garden Bag	Number of Trowel 1	Nos	2
		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		
		H2S vials certified by DRDE 10		
44	Digital Water Test Kit	Operational Type Digital	Nos	1
		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		
45	Digital Agriculture Soil Assessment set	license IARI ,PUSA	Nos	1
		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		
46	Soil Testing Lab Reagent Refill Kit	Reagent Kit for-samples 200	Nos	1
		parameters 14		
		Type of parameters EC,pH, Organic Carbon, Pottasium, Nitrogen, sulphur, Lyme Gypsum, Iron, Zinc, carbon Phosphorus like parameters		
47	Trunk	Material CRC steel Sheet	Nos	2
		Length in mm 800		
		Breadth mm 525		
		Height in mm 375		

List of Tools and Equipment Sector : Agriculture and Allied				
S. No.	Tools & Equipment	Specification	Unit (type)	Per school qty
		Thickness of CRC steel sheet in mm 0.8		
		clips for loding yes		
		leads for lifting on both sides yes		
48	Grove smart multifunction farm Gadgets	Length in mm 200	Nos	1
		Breadth mm 150		
		Sensors for moisure detection yes		
		Input Voltage in V 12		
		Input Current in mA 0.1		
		Power source DC		
		Battery Include No		
		Weight in gm 250		
49	Kisan Suraksha Kawach	Shoecover Ankel Length	Nos	10
		Water Proof & Dust proof Yes		
		Easy to wear yes		
		Length in mm 400		
		Weight gm 6.6		
		Cap Yes		
		Weight 30 gm		
		Material Non woven polypropylene		
		Length in Inch 18		
		color Blue/Green		
		Safety Goggle Yes		
		weight in gm 30		
		Body Cover Yes		
		Material Spun Bond		
		Weight gsm 90		
52	Soil Moisture Meter	Material: Plastic+aluminium alloy	Nos	2
		Accuracy: Degree Centigrade / Fahrenheit 1		
		Working Temperature: Degree Centigrade 5 to 40		
		Soil Temperature Measurement Range: Degree Centigrade 9 to50		
		Soil PH Measurement Range: 3.5-9.0		
		Power Supply: in Volt 9		
		Probe Length: cm 19.7		
		Item Weight: gm 80		
		Length in mm 320		
51	Compostable Multch sheet	Usage Application Agriculture	Nos	4
		CPCB & IIP Licensed for overall migration Yes		
		CIPET Certified foe Biodegradability Yes		
		Intertek certified for seal & pumpture Yes		
		Packing Type Roll		

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

List of Tools and Equipment Sector : Agriculture and Allied				
S. No.	Tools & Equipment	Specification	Unit (type)	Per school 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 disturbance and no direction limit. 15		
55	Animal Nourishment sag	Flavours Unflavoured	Nos	2
		Made with 62 Trace Minerals Yes		
		For all Breed and Size Yes		
		Sag must contain customize and adjustable size		
		Eliminate internal parasites, fluids, gases, allergens, toxins, and heavy metals Yes		
		Types of feeds 5		
		Qty each 50 gm		
56	Pro tillage augmentor	Ready for direct application without any complex process, solubility must be 100 % in water with non toxic element, does not 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 degradable tool 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
59	Sickle	Material of Blade Steel	Nos	2
		Material of Handle Wooden		
		Blade size mm 120		
		Rust preventive coating Yes		
60	Hedge Cutter	Material of Blade Steel	Nos	2
		Material of Handle Rubber		
		Blade size mm 250		
		Rust preventive coating Yes		
61	Agri winnowing appliance	Material typically V shaped in cross section with the midvein at the apex of the V	Nos	1
		Pattern Woven tab by weave, plain weave is the commonest weave pattern and far the easiest to make		

List of Tools and Equipment Sector : Agriculture and Allied				
S. No.	Tools & Equipment	Specification	Unit (type)	Per school qty
		Color Brown Thickness 10-15 mm. Easy to use and understand.		
62	Food safe 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
63	Natural humus land applicator	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,	Nos	2
		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		2
64	Spinning Drizzle	Range in feet 32-40	Nos	2
		Material ASB Plastic		
		Rotary Arm 3		
		Spray Type Angle		
		Degree 360		
		Easy to use, satisfying all safety standards Yes		
65	Leveling Stave	Durability High	Nos	2
		Material Wooden		
		Type : Leveler Attachment		
		Length in Inch 30-35		
		Width in inch 44716		
		Easy to handle yes		
66	Moth Tape	Operation Manual	Nos	4
		easy to install and manage Yes		
		Applicable for all Moths Yes		
		Life days 40-45		
		Material Rubber septa		
		Non Hazardous Yes		
67	Seed Treating crock	Organic in % 80	Nos	2
		Minimal root disturbance promotes stronger, healthier plants		
		Biodegradable Yes		
		Material Clay		
		Size Medium		
		Lead cover Yes		

List of Tools and Equipment Sector : Agriculture and Allied				
S. No.	Tools & Equipment	Specification	Unit (type)	Per school qty
68	Loam Borer	compact telescoping Yes	Nos	2
		Extension in inch 3 to 5		
		Cross Handle Yes		
		Material Stainless steel		
		ratcheting cross handle Optional		
		Rubber Grip Yes		
69	knap-trigger	MATERIAL PLASTIC	Nos	1
		Easy to handle Yes		
		Fuction Semi-Automatic		
		Size Medium		
70	Binder Taper Tool	Material Metal And plastic, Capacity Adjustable, Rust Resistance Yes, Usage fixing plant and gardening	Nos	2
71	Veg harvesttool	size 1.7 x 5.3	Nos	1
		material Plastic		
		Tool type garden scissor		
		purpose harvesting pickle tool		
72	DRDO Water 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 Carbon 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. No.	Tools & Equipment	Specification	Unit (type)	Per school 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 × HDMI 2.0 IN & 1 × HDMI 2.0, Out port, 1x 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
75	dwarf weather station	use of dwarf weather station: to study the effects of weather on the environment, weather kit contains: functional wind vane, an anemometer, thermometer and rain gauge for measuring local weather conditions	Nos	1

Electronics:

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

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
3	Measuring tape	measuring tape of 5 meter x 19 mm	measuring tape of 5 meter x 19 mm Size of tape (LxW)(mmxmm) 600x25	Nos	10
4	Micrometers	Type - 103-137, Range - 0-25mm Accuracy- $\pm 2\mu\text{m}$, Mass- 175g Measuring faces: Carbide tipped	Type - 103-137, Range -0-25mm Accuracy- $\pm 2\mu\text{m}$, Mass- 175g Measuring faces: Carbide tipped Measurement Range (mm) 100-125 Least Count / Resolution 0.01millimeter Accuracy (Maximum error in reading) at 20 deg C ($\pm$) 0.01 millimeter	Nos	2
5	Vernier Calipers	8" 200mm Digital LCD Caliper Vernier Gauge Micrometer Metal Housed Digital Vernier Caliper - 6 inch - 150 mm	8" 200mm Digital LCD Caliper Vernier Gauge Micrometer Metal Housed Digital Vernier Caliper - 6 inch - 150 mm External Measurement Range (mm) 0-160	Nos	4
6	Standard wire guage	Imperial Wire Gauge	Imperial Wire Gauge	Nos	4
7	Filler Guage	Stainless steel Accuracy: $\pm (3+T/80)\mu\text{m}$ - Range: 0.03-1.00 mm - Quantity of Leaves: 32 - Length: 100 mm	Stainless steel Accuracy: $\pm (3+T/80)\mu\text{m}$ - Range: 0.03-1.00 mm - Quantity of Leaves: 32 - 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 gauge fitted with 8 jewels Dial Gauge 0.01 mm x 25 mm , Nominal Size of the Dial 50 millimeter,	Nos	4
9	Try square	Metal Try Square - angle cut 45Deg/ 90Deg, Casting handle with hardened blade, Engraving graduation on blade. Size: 20.4 x 12.2 x 1.3 cm	Metal Try Square - angle cut 45Deg/ 90Deg, Casting handle with hardened blade, Engraving graduation on blade.	Nos	4

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
			Size: 20.4 x 12.2 x 1.3 cm		
10	Line tester	Multi Purpose Digital Tester with LCD Display and Neon 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 type Frequency Range 20Hz - 3 GHz, Capture/Demodulation Bandwidth (Max) 25 megaHertz	Nos	5
12	Volt meter	Product Type Moving Coil Range 300V , Size 72 mm	Product Type MovingCoil Range 300V , Size 72 mm Range of measurement : Volt 0 to300 Volt, Size of the meter (in mm x in mm) : 48 x 48	Nos	5
13	Watt meter	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 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: $\pm 1.5\%$ of Full Scale Power Factor Meter: $\pm 2^\circ$ 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: $\pm 1.5\%$ of Full Scale Power Factor Meter: $\pm 2^\circ$ of Phase Angle Maximum Power (Watt), DC Voltage	Nos	5

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
<u>S.No</u>	Tools & Equipment	Specifications		Unit (type)	Per school qty
			Output Rating (Volt) - 0 to 30		
14	Energy meter analog(3-digital1)	Electric KWH Meter Multi Tarif KWH Meter. Certification: CE/ROHS Reference Basic Current: 10(50)A Output Voltage: 127/230V	Electric KWH Meter Multi Tarif KWH Meter. Certification: CE/ROHS Reference Basic Current: 10(50)A Output Voltage: 127/230V Reference Voltage-240 Volt, Basic Current : 10 Ampère	Nos	5
15	Ohmmeter	Megger type	Megger type Type of meter: Moving iron, AC Voltage, Single Phase support, Range of measurement : 0 Volt to 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: $\pm(2.0\%rdg + 4dgt)$, 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: $\pm(2.0\%rdg + 4dgt)$, 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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
			Voltage Range : 600Volt		
17	Frequency meter	Displays System Frequency 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 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 65Â°C. Operating Humidity: 10 to 80% (non-condensing). Mounting cutout: 45.5mm x 26.5mm.	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 65Â°C. Operating Humidity: 10 to 80% (non-condensing). Mounting cutout: 45.5mm x 26.5mm.	Nos	2

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
<u>S.No</u>	Tools & Equipment	Specifications		Unit (type)	Per school 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 - 1248-5 Type: Electronic Synchroscope Meter Frequency Range: 35-70 Hz Input Voltage: 127/120V 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

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
22	Electrician's Scissors	Metal blade - high carbon steel	Metal blade - high carbon steel Blade Length (mm) : 100 millimeter, Overall Length (mm): 192, Blade Thickness (mm) : 2	Nos	5
23	Hand operated shearing machine	Spring type - Material_ - Cast Iron Height- 2.5 Feet 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 hand Cutting 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 tool Type: Slip Joint Pliers, Handle Material : High quty aluminum alloy	Professional pipe cutting tool Type: Slip Joint Pliers, Handle Material : High quty aluminum alloy	Nos	2
25	Hacksaw frame with blade	Tubular with Die cast handle. Fitted with 12" Chrome Alloy Steel Blade	Tubular with Die cast handle. Fitted with 12" Chrome Alloy Steel Blade Nominal Length of blades (mm)-300, Width of blades (mm) : 12.5	Nos	4
26	Electric Drill Machine with Drilling bit	simple drill 10mm + 6hss bits+ 1 masonry bit, power: 300watts, rpm: 2300rpm, voltage-220, motor: copper, outer body: pvc and metal, domestic drilling machine	simple drill 10mm + 6hss bits+ 1 masonry bit, power: 300watts, rpm: 2300rpm, voltage-220, motor: copper, outer body: pvc and metal, domestic drilling machine Number of drill bits provided-1, Power supply - 230 V,	Nos	2

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
			50 Hz,Single Phase, Rotation speed of the Hammer (in rpm) - 1000		
27	Grinder	6" Grinder For Sharpening& Grinding used for sharpening and grinding with clamping base which attaches to any table or workbench with grinding 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	<i>Chisel 12mm with Sturdy Wood Handle and chromium steel blade</i>	Chisel 12mm with Sturdy Wood Handleand chromium steel blade	Nos	5
29	Chisel 36mm	<i>Chisel 36 mm with Sturdy Wood Handle and chromium steel blade</i>	Chisel 36 mm with Sturdy Wood Handle and chromium steel blade Length of blade in mm: 28	Nos	5
30	Rasp file	8" Wood Rasp File Set with Rubber Grip + Plastic Handles - Includes Hand Cut Round, Half-round, and Flat Rasp File Kit	8" Wood Rasp File Set with Rubber Grip + Plastic Handles - Includes Hand Cut Round, Half-round, and Flat Rasp File Kit Types of Engineer's fileS-Half round, Grades of Cuts : Bastard, Material : Alloy 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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
32	Tennon saw	File sharpened teeth with plain hardened cutting edges. Impact resistant handle.	File sharpened teeth with plain hardened cutting edges. Impact resistant handle. Material of handle Wooden Thickness of blade in mm 1 Material of Blade Hardened and tempered steel strips Number of teeth per inch 20	Nos	5
33	Punch with bit 8no& 10no	Punch Holder with 8mm 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 extension rod. Blade material made from manganese steel	Screwdriver kit of 8 blades with tester, flat tip: 3. 25, 4. 5, 5 Mm, philips no - 0, 1, 2, pocker and extension rod. Blade material made from manganese steel Kit not available	Nos	5
36	Mallet	Hard non corrosive steel with wooden or Rubber grip on handle.	Hard non corrosive steel with wooden or Rubber grip on handle.	Nos	3
37	Ball peen hammer	Hard non corrosive steel with wooden or Rubber grip on handle.	Hard non corrosive steel with wooden or Rubber grip on handle. Nominal Mass (Grams) 200 Type Of Hammers ball peen hammer, Material Of Handles : Wood	Nos	3

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
38	Claw hammer	Hard non corrosive steel with wooden or Rubber grip on handle.	Hard non corrosive steel with wooden or Rubber grip on handle. Grade of Material (Steel) T50 Handles Requirement Yes Material of Handles Wood	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 thick rubber 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 (in Ohm) Rating of Rheostat 10 Current (in Ampere) 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 Made out of High Grade Steel and Transparent green cellulose acetate handle	95mm Poker Screwdriver Made out of High Grade Steel and Transparent green cellulose acetate 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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school 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 Stripping and Cutting. 4.5" Insulated nylon handle 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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
			Wrenches (length inmm): 250		
48	Assorted wire Connectors	<i>Quantity: 80 pcs - Min 10 of each kind wof different sizes</i> <i>Red Connectors: 0.4mm to 1mm² / 22-16AWG Wire</i> <i>Blue Connector: 1.1mm to 2.6mm² / 16-14AWG Wire</i> <i>Yellow Connector: 2.5mm to 6.5mm² / 12-10AWG Wire</i> <i>1. Twist-On WireConnectors</i> <i>2. Winged Twist-On Wire Connectors</i> <i>3. Trimp-On Wire Connectors</i> <i>4. nderground Wire Connectors</i> <i>5. Waterproof Wire Connectors</i> <i>6 Push-In Wire Connectors</i>	Quantity: 80 pcs - Min10 of each kind wof different sizes Red Connectors: 0.4mm to 1mm ² / 22-16AWG Wire Blue Connector: 1.1mm to 2.6mm ² / 16-14AWG Wire Yellow Connector: 2.5mm to 6.5mm ² / 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, 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 Vanadium Steel Hardened to RC 58 with wooden/ 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 measure 8 5/8 inches in height (for the front flap), 9 5/8 inches in height (for	For filing the records measure 8 5/8 inches in height (for the front flap), 9 5/8 inches in	Nos	2

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
		the back flap), and 11 3/4 inches in width	height (for the back flap), and 11 3/4 inches in width		
52	Capacitor	Used in Ceiling fans 450V AC 2uF 50/60Hz Polypropylene Film Motor Start Run Capacitor CBB61	Used in Ceiling fans 450V AC 2uF 50/60Hz Polypropylene Film Motor Start Run Capacitor CBB61 OEM Product	Nos	5
53	Dimmer stat	Resistance coil/inductioncoil	Resistance coil/induction coil Suitable for fan upto 100W	Nos	2
54	Stopwatch with Battery	Digital Stopwatch with Battery. 12 hour display format	Digital Stopwatch with Battery. 12 hour display format Display: LED, Power Requirements : Battery, Display : LED, Cabinet Material : Plastic, Wooden	Nos	2
55	Solder Wire	Solder Wire (tin/lead) - 60/40 18 SWG	Solder Wire (tin/lead) - 60/40 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 electrical fitting 2 CORE 16MM, Cable Size (Sq-mm): 2.5, Type of Cable -Flat, Type of Conductor - 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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school 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 Tape Tape Length(Meter) - 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 :PVC Thickness: 1 - 5mm Feature :Self-extinguishing Length :2-10M Nominal pressure: 2 bar Material of Waste Fitting Brass conformingto Grade 3 of IS 292/1961 Nominal Size 32 mm for washbasin	Mtrs	10

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
63	Soldering iron	Modular with rubber grip and holder - 1-Piece 30W Soldering Iron, 2 Soldering Tips and 1 Safety Stand Standard: IS 959 : 1994 (Reaffirmed 2004)	Modular with rubber grip and holder - 1-Piece 30W Soldering Iron, 2 Soldering Tips and 1 Safety Stand Standard: IS 959 : 1994 (Reaffirmed 2004)	Nos	5
64	Modular Switches	16a 240v 2 Way Bell Switch -21, 10Amps 240V, 1 way switc- 3 with suitable plates	16a 240v 2 Way Bell Switch -21, 10Amps 240V, 1 way switc- 3 with suitable plates 16 AMP SWITCH MODULAR (Havells Oro)	Nos	10
65	Modulare sockets	<i>Combined Box 2 Hole WH Switch, 20 Amp, White</i>	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 Voltage(volts) :100Ah 900A(EN)12V Adhering to BIS standards	Battery Type :SealedType Voltage(volts) :100Ah 900A(EN)12V Adhering to BIS standards BatteryVoltage 12 Volt Battery Capacity (in Ah) at 10 H Rate 20 Ah	Nos	2
68	MCB's	<i>Miniature Circuit Breaker)blue,black,green. activated automatically: Standards: IEC60898</i>	Miniature Circuit Breaker)blue,black,green. n. activated automatically: Standards: IEC60898 Rated Voltage (Volt) -240 VOLT, Rated 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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
70	Desoldering pump & wire	<i>Manual / Electirc Vacuum Desoldering Pump</i>	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 : 2 % Case Bezel : SS 304 Wetted Parts : SS 304 ,SS 316,Brass Range : Vacuum to 2000 kg/cm2 Liquid filled : GlycerinOr Dry VACCUME GAUGE 0-760 mmhg, Nominal Size of the Dial 100 millimeter Measuring Units mm Hg Measurement Range for Vacuum Gauge (mmH2O) NA Measurement Range for Vacuum Gauge (mm Hg) - 760 to 0	Nos	5
72	Cables	10/14 copper wires1mm×2 core	10/14 copper wires 1mm×2 core RR CABLES COPPER WIRE FR PVC 1.5MM	Mtrs	50

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school 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 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 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 Temperature - 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 Temperature -10dgree C, weight- 9.4kg, Type-Gravity operated	Nos	1

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
			water purifier, 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 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	Nos	1

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
			(Watts)900 Grill Heating Power(Watts)601-800, Capacity / Volume (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 List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
<u>S.No</u>	Tools & Equipment	Specifications		Unit (type)	Per school 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	Nos	2

Tools and Equipment List Sector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
78	Clamp Meter	Display : 3 -1/2 digits Â With 1999 Counts, Operating Temperature & Humidity : 0 deg C To 50 deg C , < 80% RH, Storage Temperature : - 20 deg C To 60 deg C , < 80% RH	Display : 3 -1/2 digits Â With 1999 Counts, Operating Temperature & Humidity : 0 deg C To 50 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 (in mm)- 450, Jaw thickness of Pipe Wrench (in mm)- 21, Maximum capacity of Pipe wrench (inmm) - 65, Approximate length of 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)- 450, Jaw thickness of Pipe Wrench (in mm)- 21, Maximum capacity of Pipe wrench (in mm) - 65, Approximate length of 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	Nos	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	Temperature range 50 deg C to 450 deg C, Temperature accuracy ± 10 deg C, Temperature stability ± 5 deg C, Out put voltage -12 V, Power consumption - 150 W to 300 W Temperature range 50 deg C to 450 deg C, Out put voltage-12 V,	Nos	10

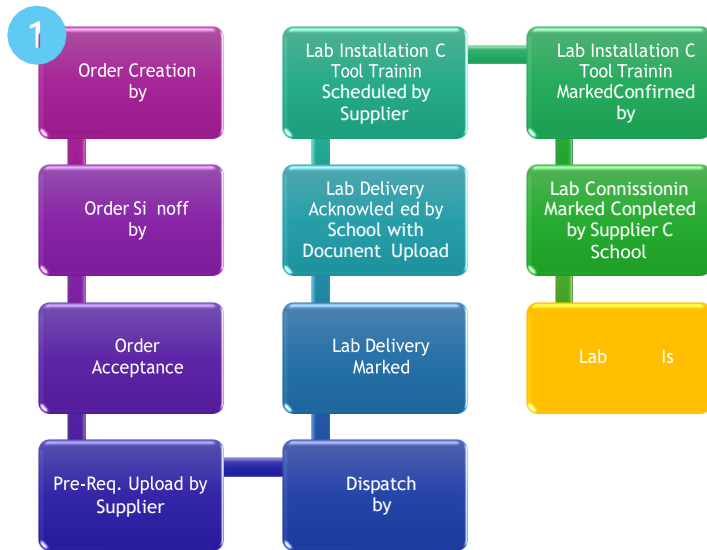
Tools and Equipment ListSector: Electronics; Job Role: Field Technician - Other Home Appliances					
S.No	Tools & Equipment	Specifications		Unit (type)	Per school qty
81	Hand glove	Material : Polyurethane coating, Anti-static nylon/carbon yarn	Material : Polyurethane coating, Anti-static nylon/carbon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

IT tool for tracking the entire lifecycle of the project

Functional Requirement Document for IT tool for tracking the entire lifecycle of the project “Establishment of Skill Labs at JNVs & EMRS”				
S. No.	Particulars	Stakeholders		
		End User	Supplier	Schools
1	Objective	End User plans to establish state-of-the-art skill laboratories in Jawahar Navodaya Vidyalaya (JNVs) and Eklavya Model Residential Schools (EMRS) for Delivery of Skilling Courses under SANKALP. Under this project, End User, will acquire and install the necessary equipment in the designated schools through the GEM or any other suitable portal. As part of the project operations, supplier is requested to deploy a technology-based tool for Execution, Monitoring & Reporting across End User, Supplier and respective Schools where skill laboratories will be established. The supplier needs to deploy a Progressive Web App/Mobile Application based toolfor different Stakeholders i.e., End User Admin, Supplier (Vendor Role), Schools (Locations of Delivery & Lab Setup)		
2	Roles & Responsibilities	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 activationof 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 Training of theschool designated staff.
3	No. of Users	2 – Master Users	2 – 3 Users	600 Users (1 User Per School)
4	Key Stages to Track	1. Lab Order Creation By End User 2. Lab Order Signoff from School 3. Lab Order Acceptance by Supplier 4. Lab Order Dispatch by Supplier 5. Lab Delivery Marked Completed by Supplier 6. Final Delivery Acknowledgment by School		

Functional Requirement Document for IT tool for tracking the entire lifecycle of the project “Establishment of Skill Labs at JNVs & EMRS”				
S. No.	Particulars	Stakeholders		
		End User	Supplier	Schools
		7. Installation & Tool Training Scheduled by Supplier 8. Installation & Tool Training Completed Acknowledgment by School 9. Lab Commissioned Marking by Supplier & School		
5	Key Functionalities Required	1. User Creation & Management (User Master) from the tool/Upload Functionality. 2. Creation of Lab Order to be fulfilled by Supplier (Upload Functionality). (Location & Product Master) 3. Standard Form Circulation to respective schools for Data Collection for different requirements like Delivery Feedback, Training Feedback, QC & QA. Reporting Requirements 1. Dashboards & Report view for 1.1. Stage Wise Tracking 1.2. Skill/Sector Wise Report 1.3. District/State/School Level Progress Report 1.4. Delay & Feedback Report 1.5. School/Lab Level Progress Report 1.6. Audit Trail & Reports 1.7. Availability of Export Functionality to download the report in PDF, XLXS formats. 1.8. Turn Around Time report (TAT) against the predefined SLAs	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	1. Dedicated functionality showing StageWise Progress 2. Order Signoff form to be accepted by School which will have list of all equipment's mentioned to be installed against a lab. 3. List of Prerequisites for Site preparation for a Lab 4. Delivery Acknowledgement Form with document upload functionality. This form will have the checklist of items which were marked delivered by Supplier and will individually mark it Yes/No. Generate the form, print/sign it and submit it as a attachment with all relevant documents on the portal only. 5. Installation & Tool Training Acknowledgement 6. Final Confirmation of Lab Commissioned & Active

Functional Requirement Document for IT tool for tracking the entire lifecycle of the project “Establishment of Skill Labs at JNVs & EMRS”				
S. No.	Particulars	Stakeholders		
		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 of an equipment attached to a particular lab at School
6	Common Requirements	1. Progressive Web Based Application – With Both Mobile & Desktop views. 2. Bulk Upload (CSV, XLXS) Functionality for Master Creation. 3. Integration of Email, SMS: For Notifications & Alerts to school, supplier. 4. Drill Down Capability in Dashboards & Reports. 5. Real Time Data Update or Scheduled Data Updates. 6. Audit Trail and report availability. 7. Multi Factor Authentication for login by users.		
7	Compliance	1. The tool must conform with IT Security guidelines of End User. 2. VAPT report submission will be mandatory for tool deployment. 3. Supplier will be responsible for the data security, integrity, and privacy even if it is a SAAS solution by 3rd Party.		
Attachment Proposed Process Flow & Sample Dashboard Diagrams				



PROPOSED ACTIVITY FLOW

Sample Dashboard – IT Tracking Tool



Annexure-B : List of equipment for MAF

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

Special Additional Note:

Under specifications for the processor (CPU), the requirement currently states "Intel or equivalent in Desktop/Laptop." It has been noted that this should instead read "AMD/Intel or equivalent."

In technical specifications, when a make or model is specified, it is mentioned as a reference point. This means that the exact make or model mentioned may not be mandatory, but rather it indicates a desired level of performance, quality, or compatibility that other equivalent products should meet or exceed. Therefore, if a specification states that a certain make or model is mentioned for reference purposes only, it implies that other makes or models with similar specifications or capabilities would also be acceptable. This allows for flexibility in sourcing materials or products while ensuring that the required standards are maintained.

S. No.	Category	Current Specification	Revised Specification
1	Artificial Intelligence - Notebook	Intel Core i5-1235U or Equivalent, upto 4.4 GHz frequency, 10 Cores, 12 Threads,	Intel Core i5 1235U or AMD Ryzen 5 7530U or Equivalent, up to 4.4 Ghz Frequency, 6 Cores, 12 Threads,
		Chipset :Intel Integrated SoC or Equivalent	Chipset – Intel / AMD integrated SOC or Equivalent
2	Hospitality & Tourism – Desktop	Processor Make: Intel Processor or equivalent: Intel Pentium G4400 or equivalent, 3.3GHz, 3MB Cache, 2 Cores	Intel® Core™ i3 / AMD Ryzen™ 3 or Equivalent, Minimum 4Core, 8-Threads, 8MB L3 Cache, 4.20 GHz Boost Frequency or Higher. Qualified Processors – Intel Core i3 12100 / AMD Ryzen 3 5300G or Equivalent
		Chipset: Intel H110	Intel H670 / AMD Pro 565 or Equivalent
3	BFSI - Financial Markets Management	Processor: Intel Pentium Silver N6000 or equivalent, 3.3GHz burst frequency, 4MB L3 Cache, 4 Cores, 4 Threads	Intel® Core™ i3 / AMD Ryzen™ 3 or Equivalent, Minimum 4Core, 4-Threads, 4MB L3 Cache, 3.30 GHz Boost Frequency or Higher
