



TAMIL NADU TEXTBOOK AND EDUCATIONAL SERVICES CORPORATION

TENDER DOCUMENT

For

SUPPLY AND DELIVERY OF 84 (NSQF) TECHNICAL LABORATORY TO 42 GOVT. GIRLS HIGHER SECONDARY SCHOOLS (2 Trades per School) IN TAMIL NADU ON ANNUAL RATE CONTRACT BASIS FOR THE YEAR 2021-2022

1.	ADVERTISED ON	:	18.12.2021.
2.	PRE-BID MEETING ON	:	05.01.2022. at 11.00 a.m.
3.	LAST DATE & TIME FOR SUBMISSION OF TENDER	:	19.01.2022. upto 11.00 a.m.
4.	DATE & TIME OF OPENING OF TECHNICAL BIDS	:	19.01.2022. at 11.30 a.m.

TAMILNADU TEXTBOOK AND EDUCATIONAL SERVICES CORPORATION

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**TENDER DOCUMENT FOR SUPPLY AND DELIVERY OF 84 NSQF
TECHNICAL LABORATORY TO 42 GOVT. GIRLS HIGHER
SECONDARY SCHOOLS (2 Trades per School) IN TAMIL NADU ON
ANNUAL RATE CONTRACT BASIS FOR THE YEAR 2021-2022**

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TAMIL NADU TEXT BOOK AND EDUCATIONAL SERVICES CORPORATION

1. SCOPE OF TENDER

Supply and Delivery of 84 National Skill Qualification Framework Technical Laboratory (NSQF) to 42 Govt. Girls Higher Secondary Schools (2 Trades per School) in Tamil Nadu.

- 1.1.** The Samagara Shiksha under the School Education Department intends to provide 84 NSQF Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per School) in Tamilnadu during the year 2021-2022 in order to enhance the learning of NSQF VOCATIONAL CURRICULAM science concepts. In order to implement the above scheme of providing 84 nos. of NSQF Technical Laboratory the Tamil Nadu Textbook and Educational Services Corporation, hereinafter, called as the Corporation, has been entrusted with the task of procuring 84 (NSQF) Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per School) in Tamilnadu in accordance with the procedures laid down in the Tamil Nadu Transparency in Tenders Act, 1998 and the Tamil Nadu Transparency in Tenders Rules, 2000.
- 1.2.** The Tamil Nadu Text Book and Educational Services Corporation has proposed to procure 84 NSQF Technical Laboratory (2 Trades per School) in Tamilnadu by entering into Contract as per specifications laid down in the Tender Documents.
- 1.3.** The successful Tenderer shall supply the 84 (NSQF) Technical Laboratory to the respective Schools and make replacement of the defective procured 84 (NSQF) Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per School) in the manner specified in the Tender.
- 1.4.** The Tamil Nadu Transparency in Tenders Act, 1998 and the Tamil Nadu Transparency in Tenders Rules, 2000 shall apply to this Tender.
- 1.5.** The successful Tenderer shall work closely with the Government of Tamil Nadu and Tamil Nadu Textbook and Educational Services Corporation in achieving the scheduled targets in terms of quality and quantity.

**TAMILNADU TEXTBOOK AND EDUCATIONAL SERVICES CORPORATION,
CHENNAI-600 006.**

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2. NOTICE INVITING TENDER

Rc.No.6573/Pur-II/2021

Sealed tenders are invited from **The Tenderer shall be Authorised dealer / Integrated supplier of 84 (NSQF) Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per schools) in Tamilnadu.** Bidding will be conducted under two cover system conforming to Tamil Nadu Transparency in Tenders Act, 1998 and Tamil Nadu Transparency in Tenders Rules, 2000.

1.	Name of the work	:	Supply and Delivery of 84 NSQF Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per Schools) in Tamilnadu for the year 2021-2022.
2.	Cost of Tender Document	:	Rs.6,000/- (inclusive of GST) Payable in the form of Demand Draft drawn from a Nationalised /Scheduled Bank in favour of “ Tamil Nadu Textbook and Educational Services Corporation ” payable at Chennai.
3.	Tender Documents Available at	:	Tamilnadu Textbook and Educational Services Corporation, EVK Sampath Maaligai, 68, College Road, Chennai-600 006. The same may also be downloaded at free of cost from the following websites: a) http://www.textbookcorp.tn.gov.in b) http://www.tenders.tn.gov.in
4.	Sale period of Tender Document	:	On all working days from 18.12.2021 to 18.01.2022 between 10 a.m. and 5.00 p.m.
5.	Earnest Money Deposit (EMD)	:	As per Trade wise EMD (Annexure XIII)
6.	Date of Pre-Bid Meeting	:	05.01.2022 at 11.00 a.m
7.	Last Date and Time for Submission of Tender	:	19.01.2022 at 11.00 a.m
8.	Due date and time for opening of Technical Bids	:	19.01.2022 at 11.30 a.m. If the due date happens to be a holiday, the bids will be received and opened on the next working day.
9.	Contract Period	:	One year from the date of agreement

Consortium bids are not acceptable. For all other conditions / instructions please refer bid document.

The Corporation shall not be responsible for any postal delay or any loss of Tenders in transit. The Managing Director, Tamil Nadu Textbook and Educational Services Corporation reserves the right to amend or withdraw any of the Terms and Conditions in the Tender Document or to cancel / reject any one or all the tenders received without giving any notice or assigning any reason therefor.

The Tenderers are requested to view the above Websites <http://www.textbookcorp.tn.gov.in>, <http://www.tenders.tn.gov.in> for any changes / amendments / corrigenda in the Tender which may be issued before 48 hours of the last date for submission of the Tender.

Managing Director,
Tender Inviting Authority
Tamil Nadu Text Book and Educational
Services Corporation.
Chennai

3. Instruction for submission of Technical Bids & Price Bids

- 3.1.** All pages of the Technical Bid should be signed by authorized signatory whose name should be communicated in the prescribed format to the Corporation with office seal without any omission. Facsimile will not be accepted.
- 3.2.** The notarized copies of performance certificate and Bankers certificates enclosed for the bids shall be identified as the documents submitted by the bidder over the signature with office seal.
- 3.3.** Any document / credential submitted without signature of authorized persons will not be considered for evaluation.
- 3.4.** Bidder should produce the originals for the performance / client certificate for verification when ever required with the copies of those certificates enclosed along with the bid.
- 3.5.** The downloaded documents shall be properly page numbered and spiral bounded and submitted along with necessary documents.
- 3.6.** If any documents called for verification supporting the technical bid, the documents which is / are not specified in the tender document, shall be produced by the Tenderer to the Corporation.

I. PART - A COVER - (TECHNICAL BID)

SL. NO.	DESCRIPTION	Enclosed Yes/No	Page No.
1.	Whether the Tender is submitted in two envelopes as Part-A Cover (Technical Bid) and Part-B Cover (Price Bid)?		
2.	Whether Letter of Authorization / Power of Attorney for signing the Tender Document is enclosed on a Non-Judicial Stamp Paper of value of not less than Rs.100/-.		
3.	i) Whether Earnest Money Deposit (EMD) as indicated in Annexure XIII for each of the Trades shall be furnished in the form of Demand Draft on any Nationalised Bank/Scheduled Bank in favour of the "Tamil Nadu Textbook and Educational Services Corporation, Chennai," payable at Chennai is enclosed? ii) If EMD exemption is claimed, necessary document for claiming exemption EMD is enclosed? (i.e. NSIC / MSME / DIC certificate)		
4.	Whether Profile of the Tenderer as per Annexure is enclosed?		
5.	Whether self attested Photo copies of the recent Income Tax Returns for the last three financial years 2017-18 to 2019-20, are enclosed?		
6.	Whether duly attested Photo copy of the Certificate of GST Registration is enclosed?		
7.	Whether Audited Balance Sheets along with Profit and Loss Account and Annual Turnover Certificate (Annexure) for the last 3 financial years from 2017-18 to 2019-20 duly certified by Chartered Accountant are enclosed?		
8.	Whether Declaration in Annexure duly signed by the Tenderer is enclosed?		
9.	Whether a Self Certificate on sample submission as in Annexure is enclosed?		
10.	Whether a Declaration in Annexure that Tender forms downloaded from the website have not been tampered is enclosed by the bidder?		
11.	Whether Banker's certificate for minimum cash credit facility as per Annexure is enclosed?		
12.	The Tenderer shall submit one sample for the respective trade wise along with Technical Bid		

II. PART – B COVER (PRICE-BID)

SL.NO	DESCRIPTION	Yes or No
1.	Whether Price-Bid in Part B duly filled-in and signed is enclosed?	

4. INSTRUCTIONS TO THE BIDDERS

4.1. General Instructions:

The Bidders are requested to go through the instructions, terms, conditions and specifications given in the Tender Document carefully. Omissions or Failure to furnish any or all the required information in the Tender Document shall result in rejection of their bid.

4.2.

S. No.	Terms and / Abbreviations	Definition / Expansion
1.	Tenderer/Bidder	Tenderer / Bidder means who makes a formal offer in pursuance of this tender.
2.	Successful Tenderer	Successful Tenderer means the Tenderer as part of the rate contract through the tender process and whose offer is accepted by the Tender Accepting Authority. (at the price arrived at by the corporation after negotiation with L1.)
3.	Dealer / Traders	Dealer / Traders means the firm shall be an authorized dealer for the products manufactured by the manufacturer. They should have the authorization letter from the original manufacturer intended to supply the 84 NSQF Technical Laboratory.
4	Integrated Supplier	The Integrated Supplier means the firm shall supply the items mentioned in the 84 NSQF Technical Laboratory.
5	Day	A day means a calendar day.
6.	Total cost in the price bid.	Total Cost means the total expenditure to be incurred by the Corporation to procure 84 NSQF Technical Laboratory (as per Part – B Price Bid Trade wise).
7.	Purchaser	Purchaser means the Tamil Nadu Text Book and Educational Services Corporation which on behalf of the Government of Tamil Nadu.
8.	Delivery Point	Delivery point means various 42 Govt. Girls Higher Secondary Schools in Tamilnadu – Annexure is enclosed.(XXIV)
9.	TNTB & ESC	Tamil Nadu Textbook and Educational Services Corporation.
10.	84 NSQF Technical Laboratory	84 NSQF Technical Laboratory comprising 10 Trades suitable for 42 Govt. Girls Higher Secondary Schools (2 Trades per Schools) in Tamilnadu of (84 items as specified in Technical Specification in the Tender Document).
11.	EMD	Earnest Money Deposit.
12.	SD	Security Deposit.

S. No.	Terms and / Abbreviations	Definition / Expansion
13.	GST	Goods and Services Tax.
14.	MSME	Micro, Small & Medium Enterprises
15.	NSIC	National Small Industries Corporation

4.3. Bid Document:

The Bid Document consists of the following

- i. Scope of Tender
- ii. Notice Inviting Tender
- iii. Instructions for submission of bids & Check list
- iv. Instructions to the Bidders
- v. Terms & Conditions of the Tender
- vi. Letter of Tenderer
- vii. Specifications
- viii. Statements and Declarations (Annexure)
- ix. Price bid

4.4. Qualification Criteria:

The firm submits more than one Bid, either individually or a joint venture partner in another bids. This will result in disqualification of all bids in which the bidder is involved in more than one bid.

4.4.1. Minimum Eligibility Requirements:

The Tenderer shall be Dealer / Integrated supplier of equipments / tools relating to all the trades indicated in technical specification and should be in the field atleast for the last 3 years as on 31.03.2021. The Dealer shall possess valid registration certificate. The Integrated supplier shall submit self certified letter as the supplier of the items. (Copy of valid Certificate of Registration under the relevant laws/ Authorisation Letter should be notarized and enclosed)

4.4.2. Turnover:

The average annual turnover of the bidder during the last three financial years from 2017-18 to 2019-20 shall not be less than as follows below:

Less than any 3 Trade	1,50,00,000/-
More than any 3 But less than any 5 Trade	3,00,00,000/-
More than any 5 Trade	5,00,00,000/-

(Attach certificate from Chartered Accountant along with audited balance sheet and Profit & Loss Account statement for the last three financial years).

4.4.3. Past Experience:

The Tenderer should have supplied of the equipments / tools of all the Trades for which the tenderer is submitting bid. NSQF Technical Laboratory i.e., **atleast 5% of the tender quantity (Trade wise) of 84 Nos. of NSQF Technical Laboratory during any one of the last three financial years** prior to 31.03.2021

to any of the recognized Educational Institutions/Colleges/Schools. **(Supporting documents shall be enclosed along with the Tender including the Certificate issued by the client for having completed the supply).**

4.4.4. Cash Credit Facility:

The Tenderer shall have a minimum **cash credit facility** of which is mentioned in Annexure XIII exclusively for this work duly certified by the Banker. **(The original certificate in the prescribed format issued by the Nationalised/Scheduled Bank should be enclosed).**

4.4.5. Samples adhering to Specifications:

The Tenderer shall furnish the required samples (Trade wise) conforming to the specifications prescribed in the tender document.

4.5. Change in Quantity:

Quantity given in the Notice Inviting Tender is approximate and is likely to vary. The Corporation, if necessary, at the time of placement of purchase order shall either reduce or increase the quantity mentioned in the tender to the extent of 25% during the contract period of one year.

4.6. Pre-Bid Meeting:

There will be a **Pre Bid meeting on 05.01.2022 at 11.00 am in the Tamil Nadu Textbook and Educational Services Corporation, DPI Campus, Chennai 600006** during which the prospective Tenderers may seek clarifications about the Tender. The Tenderers shall send their queries in writing if any so as to reach the Corporation at least two days prior to the date of Pre-Bid Meeting. The Tenderers shall view the websites given in the Notice Inviting Tender for updated information like change in date / venue etc., of the Pre-Bid meeting. Failure to attend the Pre-Bid meeting is not a disqualification as it is optional. Only the required clarifications asked in writing shall be valid and taken for consideration. In response to the relevant queries of the prospective Tenderer, clarification will be uploaded on the websites of the Corporation.

4.7. Clarification regarding the Tender Conditions:

A prospective Bidder requiring any clarification with respect to any Tender condition may address the Tender Inviting Authority by letter / Email and the clarifications to the relevant queries will be uploaded on the website of the Corporation before 48 hours of last date and time of submission of tender.

4.8. Amendments to the Tender:

4.8.1. Tamil Nadu Textbook and Educational Services Corporation reserves the right to amend the tender condition on the basis of clarifications sought for by the prospective Bidders, solely at its discretion up to 48 hrs before (i.e) two days prior to the last date of submission of Tender. Such amendments shall be uploaded on the Websites: <http://www.tenders.tn.gov.in>. & <http://www.textbookcorp.tn.gov.in>

4.8.2.At its discretion the Corporation may or may not extend the due date and time for the submission of bids on account of amendments / corrigenda, if any, issued subsequent to the date of Notice Inviting Tender.

4.8.3.All the Bidders must periodically browse the above websites for any amendment or corrigendum issued in connection with this Tender. The Tamil Nadu Textbook and Educational Services Corporation will not be responsible for the failure of the Tenderer to update or to have comprehensive understanding of the provisions of this tender document including the changes announced through the websites.

4.9. Language of the Bid:

The bid prepared by the Bidder as well as all correspondence and documents relating to the bid shall be written in English language. Documents not legible / readable shall not be considered.

4.10. Non Transferability:

The Tender Document sold to a Tenderer is **not transferable**. It shall not be used by others and if used by others it will be rejected. Similarly photo copy of the tender form will be rejected.

4.11. Downloading of Tender Document:

4.11.1. The tender document can be downloaded from the websites <http://www.tenders.tn.gov.in> (or) <http://www.textbookcorp.tn.nic.in> on A4 size paper and computer print alone should be submitted in the form of a booklet. Submission of tender document in any other form will be summarily rejected.

4.11.2. The Tenderer shall download corrigendum / amendment / clarification, if any, published subsequently and submit along with the tender. Otherwise the tender will be summarily rejected. It is the responsibility of the Tenderer to check and have knowledge of any corrigendum / amendment issued and uploaded on the above websites of Corporation.

4.11.3. The Tenderer shall download tender documents in original without any change / addition / deletion and correction. If any change / addition / deletion are detected at any stage after the award of the tender, the EMD as well as Security Deposit remitted by the Tenderer will be forfeited without any intimation and the Tenderer will also be black listed from participating in the subsequent tenders. Besides such Tenderers are liable to be prosecuted.

4.12. Cost of Tendering:

The Tenderer shall bear all costs associated with the preparation and submission of tender and the Corporation shall in no case be responsible or liable for the costs of tendering incurred by the Tenderer, irrespective of the outcome of the tenders.

4.13. Bid Validity

4.13.1. Bid shall remain valid for a period not less than (90 days) Ninety days after the date for bid submission specified. **A bid valid for a shorter period shall be rejected by the Corporation as non-responsive.**

4.13.2. In exceptional circumstances, the Corporation may request the bidders to extend the period of validity for a specified additional period. The request and the bidder's responses shall be made in writing or by mail. A bidder may refuse the request without forfeiting his bid security (EMD). A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his bid security for a period of extension.

4.14. Earnest Money Deposit (EMD):

4.14.1. An Earnest Money Deposit of of as indicated in Annexure XIII for each of the Trades shall be furnished shall be paid along with the Technical Bid by way of Demand Draft/Banker's Cheque obtained from a Nationalized / Scheduled Bank drawn in favour of **Tamil Nadu Textbook and Educational Services Corporation, Chennai-6** payable at Chennai. As per the provision under Rule 14(1) of Tamil Nadu Transparency in Tender Rules 2000 any category of tenderers specifically exempted by the Government from the payment of EMD are not required to make the deposit along with the bid. Necessary proof for exempting EMD should be enclosed.

4.14.2. The amount of the Earnest Money Deposit submitted by the unsuccessful Tenderers will be returned through ECS account mentioned in the Profile of the Tenderer, after the award of the Contract pursuant to the selection of the successful Tenderer. The Earnest Money Deposit amount held by the Corporation will not fetch any interest till it is refunded to the unsuccessful Tenderers.

4.14.3. The Earnest Money Deposit amount of the successful Tenderer will be adjusted against the Security Deposit (SD) payable for ensuring successful execution of the Contract.

4.14.4. Any tender not accompanied by Demand Draft towards Earnest Money Deposit as in Sub-Clause (1) above shall be rejected summarily by the Corporation. If any tenderer claims exemption of EMD, necessary document for such exemption should be enclosed, failing which the tenderer will be summarily rejected.

4.14.5. The Earnest Money Deposit amount shall be forfeited

- (a) If a Tenderer withdraws the tender after opening of Technical Bid during the validity period specified in the tender document
- (b) In the case of a successful Bidder, if the Bidder fails to sign the agreement or to remit the Security Deposit within the specified time limit.
- (c) If the bidder does not accept the correction of the bid price pursuant to clause 4.21.1.

4.14.6. Further the Corporation will blacklist the Successful Tenderer without prejudice to any action that may be taken against the Successful Tenderer, in addition to Tender clause 4.14.5.

4.15. Submission of Tender:

4.15.1. Submission of Tender in Two Cover System:

Tender shall be submitted in two parts in original i.e Part-A and Part-B. The Part-A cover shall contain the Technical Bid as per clause 4.15.2 and superscribed on the envelope as “Technical Bid- Part-A”- “Tender for Supply and Delivery of 84 NSQF Technical Laboratory for 42 Govt. Girls Higher Secondary Schools (2 Trades per schools) in Tamilnadu on annual rate contract basis”. On the Part-A Cover, the Name and Address of the Tenderer should be written and sealed. **The tender document shall compulsorily be spiral bound & indexed with page numbers.**

The Part-B Cover shall contain the Price-Bid- superscribed on the cover as “Part-‘B’- Price Bid” -“Tender for Supply and delivery of 84 NSQF Technical Laboratory for 42 Govt. Girls Higher Secondary Schools (2 Trades per schools) on annual rate contract basis” for the year 2021-2022 On the Part B Cover, the Name and Address of the Tenderer shall be written and sealed.

Both the Covers i.e., Part-A and Part-B should be put in a cover superscribing thereon “Tender for the Supply and delivery of 84 NSQF Technical Laboratory for 42 Govt. Girls Higher Secondary Schools (2 Trades per schools) on annual rate contract basis for the year 2021-2022” and the Name and Address of the Tenderer shall be written on that cover and it shall be sealed. The sealed cover addressed to the Tender Inviting Authority i.e. the Managing Director, Tamil Nadu Textbook and Educational Services Corporation shall be put in the box kept in the office of the Corporation within the scheduled time and date of submission of the Tender. It may also be sent by Post so as to reach the office of the Corporation within the stipulated time and date of submission of the Tender. But the Corporation shall not be responsible for any postal delay or delay due to any other means of communication. Belated submission of Tenders by the Tenderers or belated receipt of Tenders by the Corporation shall result in summary rejection of such Tenders. If the last date scheduled for submission of the tender happens to be

a Government holiday for any reason, the sealed tenders may be submitted on the next working day before the appointed time. Tender once submitted shall not be permitted to be altered or amended.

4.15.2. Documents to be furnished in the Part – A Cover in sequence indicated below:

- (a) Covering Letter
- (b) Letter of Tenderer duly signed by the authorized signatory in full with seal.
- (c) Other than the exempted case, Crossed Demand Draft towards EMD.
- (d) Annexure towards Specifications and Declaration & Formats.
- (e) Letter of Authorization / Power of Attorney for signing the Tender Document on a Non-Judicial Stamp Paper of value of not less than Rs.100/-. In case of Public Sector Undertakings / Public / Private Limited Companies, Authorization from the appropriate authority to sign the tender document must be enclosed along with Technical Bid. Tenders received without such authorization shall be rejected.
- (f) I.T. Returns for the last 3 financial years from 2017-18 to 2019-20 (**Self attested Photo copies to be enclosed**).
- (g) GST Registration Certificate and PAN Card (**Self attested Photo Copies to be enclosed**).
- (h) Audited Balance Sheet and Profit & Loss Accounts for the last 3 financial years from 2017-18 to 2019-20 (**Self attested Photo copies to be enclosed**).
- (i) The Tenderer shall submit one sample trade wise along with Technical Bid without any marking/printing should be furnished.

4.15.3. Details to be furnished in the Part- B (Price Bid) cover:

- (a) Covering letter.
- (b) Price Bid for the work with each page signed, dated and stamped with the seal of the firm.
- (c) The offer shall be unconditional.
- (d) The price quoted shall indicate the break up of the pricing for each of the Trades and no additional claim on any ground shall be entertained.
- (e) Apart from the Schedule of Prices duly filled in, the Bidders shall not enclose any other documents or statements that influence the price except Discount/Rebate letter. In such an event, the Corporation shall summarily disqualify the Bidder and reject the bid.

4.15.4. Signing of Tender:

a) The tender shall be typed or written legibly in indelible ink and shall be signed by the Tenderer or a person duly authorized to bind the Tenderer to the contract. **All pages of the tender shall be signed by the Tenderer or person(s) authorized to sign the Tender with the seal.**

b) The tender shall contain no alterations or additions, except those to comply with instructions issued by the Corporation or as necessary to correct errors made by the tenderer, in which case such corrections shall be initialed by the person or persons signing the tender.

4.16. Extension of Period of Contract

The Managing Director of this Corporation may extend the validity period for further one year on the same terms and conditions with the settled rate of the 84 NSQF Technical Laboratory for 42 Govt. Girls Higher Secondary Schools (2 Trades per schools).

4.17 Mode of Submission of Samples:

4.17.1 The Tenderer shall submit one sample respective trade wise along with Technical Bid with Part – A cover, for Testing Received samples shall not be Returned under any circumstances.

4.17.2 Tenders received without samples or with markings shall also be summarily rejected.

4.18. Modification and Withdrawal of Tenders:

4.18.1 Tenderers may modify or withdraw their tenders by giving notice in writing before the due date for submission.

4.18.2 The modification or withdrawal notice shall be prepared, sealed, marked and delivered in accordance with clause 4.15, with the outer and inner envelopes additionally marked “MODIFICATION” or “WITHDRAWAL” as appropriate.

4.18.3 No tenderer shall be allowed to withdraw/modify the tenders after the last date of submission of the tender.

4.18.4 Withdrawal or modification of tender between the deadline for submission of tenders and the expiration of the original period of validity specified or as extended period may result in forfeiture of the EMD.

4.19. Opening of Tenders:

4.19.1. Tenders will be opened at the scheduled date and time in the office of the Corporation in the presence of the Tenderers or their representatives who are authorised to represent the Tenderers. **The representatives of Tenderers who attend the Tender opening shall produce the proof of their identity and the authorization letter from the Tenderers.** Only one representative is permitted to attend for both technical and price bid opening of the tender on behalf of the Tenderer.

4.19.2. Tenders received after the due date and time will not be considered. Tenders in unsealed cover or Tenders which are not signed in each page or in incomplete shape or through facsimile (Fax) or by electronic mail or through any

other manner which is not in accordance with the instructions specified in the Tender will not be accepted.

4.19.3. Covers marked "WITHDRAWAL" shall be opened and readout first and their tender shall not be opened. Subsequently, all covers marked "MODIFICATION" shall be opened and the submission therein shall be read out.

4.19.4. If the day fixed for opening of the tender happens to be a Government holiday for any reason, the sealed tenders shall be opened on the next working day at the appointed time.

4.19.5. Part- A cover containing Technical Bid shall be opened first. The supporting documents shall be cross-checked wherever required.

4.20. Criteria for Evaluation of Technical Bid:

Any Tender not containing the required documents and not fulfilling the qualification criteria indicated in the Tender document shall be summarily rejected.

4.20.1. Prior to the detailed evaluation of bids, the Corporation will determine whether each Bid (a) meets the eligibility criteria (b) has been properly signed (c) is accompanied by the required EMD and (d) is substantially responsive to the requirements of the Bidding documents.

4.20.2. A substantially responsive bid is one which conforms to all the terms, conditions, and specifications of the tender documents, without material deviation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the supply; (b) which limits in any substantial way, inconsistent with the tender documents, the Corporation rights or the Bidder's obligations under the contract; or (c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

4.21. Sample Testing for Tender Evaluation:

4.21.1. The Tenderer while submitting the tender documents, shall submit one sample for the respective trade wise along with Technical Bid without any marking/printings, as per the Technical Specifications in the Tender document. After the evaluation of technical bid, the samples of the equipments /tools of the respective trades shall be tested by the Technical Committee to check whether the quality, size, dimension and measurement of the same are in conformity with the Technical specifications and other test parameters prescribed in the Tender document.

4.21.2. The Technical Committee reserves the right to test the samples to their satisfaction and in the event of non – compliance with the specifications, the tender shall be summarily rejected.

4.22. Opening of Price Bid (Part - B Cover):

4.22.1. Only the Price Bids of the Tenderers who are qualified in the Technical Bid shall be opened.

4.22.2. The date, time and venue of opening of Part - B Cover i.e. Price Bid will be intimated separately to the qualified eligible Tenderers.

4.22.3. The Price Bid will be opened on the intimated date and time in the presence of the qualified eligible Tenderers or their authorised representatives. The same date and time of opening will be communicated via e-mail / post.

4.23. Evaluation of the Price Bid:

The Price Bid of the technically responsive tenders shall be evaluated and compared in accordance with the criteria specified. In the evaluation of the Price Bid, the following procedure shall be adopted as per Tamil Nadu Transparency in Tenders Act, 1998 and Tamil Nadu Transparency Tenders Rules, 2000.

4.23.1. In determining the lowest evaluated price, the following factors shall be considered.

- a) The L1 shall be determined Tradewise.
- b) the quoted price shall be corrected for arithmetical errors.
- c) in case of discrepancy between the prices quoted in words and in figures, lower of the two shall be considered.
- d) where there is a discrepancy between the unit and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern,
- e) In the evaluation of the price of the goods which are subject to SGST, CGST and IGST, the price shall be determined as inclusive of such SGST, CGST and IGST.
- f) the amount stated in the bid will be adjusted by the Corporation in accordance with the above procedure for the correction of errors and shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount the bid will be rejected and the EMD will be forfeited.
- g) Provided that where more than one Tender is submitted by the same tenderer, the lowest eligible financial tender shall be considered for evaluation.

4.23.2. The Corporation is empowered to negotiate with the L1 Tenderer(s). In case where two or more tenderers quoted the same price, the Corporation shall negotiate with L1 bidders & if necessary arrive at final negotiated price for supply and delivery of 84 NSQF Technical Laboratory for 42 Govt. Girls Higher Secondary Schools (2 Trades per schools) by entering into a rate contract.

4.23.3. In case where the quantity offered at the lowest price is less than the total quantity required, the Corporation after placing orders with the lowest evaluated tenderer for the entire quantity offered by such tenderer, subject to the

ability to supply, adopt the following procedure to procure the balance quantity :-

- i) Negotiate with the next lowest Tenderers in strict ascending order of evaluated price and require to match the price offered by the lowest evaluated tenderer and place orders until the entire quantity required is ordered; or
- ii) Require all the other eligible Tenderers who participated in the Tender and offered a price higher than that offered by the lowest evaluated tenderer, to submit sealed offers of the quantity they would be willing to supply at the price quoted by the lowest evaluated tenderer, and there after place orders for the remaining required quantity with all those who match the lowest evaluated price such that those who bid lower prices in the original tender get a higher priority for supply.

4.23.4. Where the Corporation deems fit, it may issue an advertisement indicating the rates fixed and call for enrolment of more suppliers at the L1 rate subject to such suppliers fulfilling the eligibility criteria.

4.24. Approval of the Contract by the Board of Governors of the Corporation:

The Contract shall be awarded only with the approval of the Board of Governors to the successful L1 Tenderer(s) with whom negotiations were made. The apportionment of the bulk quantity of the goods to be procured above shall be done only with the approval of the Board of Governors.

4.25. Right to Accept / Reject any or all Bids:

The Tender Accepting Authority i.e the Board of Governors of the Corporation reserves the right to accept or reject any or all of the tenders including the lowest in full or in part without assigning any reasons thereof and without thereby incurring any liability to the Bidder or Bidders who may be affected financially or otherwise to this effect.

4.26. Letter of Acceptance:

The Managing Director of the Corporation shall issue the Letter of Acceptance (LOA) to the successful Tenderer(s).

4.27. Payment of Security Deposit (SD):

4.26.1. The Successful Tenderer shall be required to furnish Security Deposit equivalent to 5% (Five percent) of the value of the purchase order as a guarantee for the performance of the Contract. The EMD will be adjusted against the Security Deposit. After adjusting the EMD, the successful Tenderer shall pay the balance amount through **Demand Draft within 7 days from the date of issue of Letter of Acceptance.** The Demand Draft shall be obtained from any one of the Nationalized Banks / Scheduled Banks drawn in favour of **Tamil Nadu**

Textbook and Educational Services Corporation, Chennai - 600 006 payable at Chennai or in the form of unconditional irrevocable Bank Guarantee valid for 24 months. Failure of the successful bidder to furnish the security deposit shall constitute sufficient grounds for cancellation of the award and forfeiture of the EMD. **Exemption from payment of Security Deposit will not be allowed under any circumstances.**

4.27.2. The Security Deposit shall be released to the successful Tenderer after the performance of the Contract in full without deficiency or default and to the entire satisfaction of the Tamil Nadu Textbook and Educational Services Corporation and on completion of the warranty period of 6 months post supply. The Security Deposit so held by the Corporation, shall not earn any interest till it is released to the Successful Tenderer. The release of the Security Deposit is subject to the forfeiture clauses in the Tender Document.

4.27.3. The Security Deposit shall be forfeited if the Successful Tenderer fails to execute the agreement within the stipulated time or fails to perform the contract or part of the contract. The Security Deposit shall also be liable for forfeiture for violation of any of the tender conditions or for the failure to supply the ordered quantity of goods in full properly and promptly.

4.28. Execution of Agreement:

4.28.1. The successful Tenderer shall execute the Agreement with Samagara Shiksha for the fulfillment of the Contract on a Non-Judicial Stamp Paper to the value of Rs.100/- **within 7 days from the date of issue of the Letter of Acceptance of the Contract.** The Agreement shall be part and parcel of the Contract and binding on the Samagara Shiksha and the Successful Tenderer. In case of any difference or contradiction in the recitals in the Tender Document and the Agreement, the recitals in the Agreement shall prevail over those in the Tender Document.

4.28.2. The Successful Tenderer shall not assign or make over the Contract, the benefit or burden thereof to any other person or persons or Body Corporate for the execution of the Contract or any part thereof.

4.29. Interpretation:

If any question / doubt arise with reference to the interpretation of any provisions of the Tender Document, the decision of the Managing Director of the Corporation shall be final and binding.

4.30. Corrupt and Fraudulent practices:

The Corporation requires that Bidders observe the highest standard of ethics during the evaluation and execution of supply.

4.30.1. In pursuance of this policy, the Corporation defines for the purposes of this provision the terms set forth below as follows:

(i) 'Corrupt practice' mean offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the evaluation process or in contract execution.

(ii) 'Fraudulent practices' means a misrepresentation of facts in order to influence the evaluation process or execution of a contract / supply to the detriment of the Corporation and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non competitive levels and to deprive the Corporation of the benefits of free and open competition.

4.30.2. Will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

4.30.3. Will declare a firm ineligible either indefinitely or for a stated period of time to be awarded a contract if it any time determines that the firm has engaged in corrupt and fraudulent practices in competing for or in executing the contract.

5. TERMS AND CONDITIONS OF THE TENDER

5.1. The Terms and Conditions of the Tender shall supplement the “INSTRUCTIONS TO THE BIDDERS”.

5.2. The time and date of supply and delivery of Technical Laboratory 84 (NSQF) to 42 Govt. Girls Higher secondary Schools in Tamilnadu stipulated in the purchase order shall be deemed to be the essence of the Contract/Supply.

5.3. Release of Purchase Order:

Purchase Order shall be issued to the successful bidder only after the Security Deposit is paid as per **clause 4.26** and agreement is executed, with Samagra Shiksha as per **clause 4.27**.

5.4. Technical Specifications:

The 84 NSQF Technical Laboratory to be supplied by the supplier shall conform to the technical specification (as per Annexure) of the Tender Document.

5.5. Supply:

5.5.1. Supply all the ordered 84 NSQF Technical Laboratory commensurate with the technical specifications in **Annexure** and the specifications of the Model of 84 NSQF Technical Laboratory prescribed in **Annexure** shall be made **within 30 days** from the date of issue of purchase order. The entire supply shall be completed within the time schedule at the negotiated rates specified in the purchase order.

5.5.2. The entire quantity of the quality 84 NSQF Technical Laboratory shall be delivered at the designated locations in 42 Schools located in Tamil Nadu in good condition. The successful Tenderer shall be responsible for transportation, assembling, installation etc of the equipments / tools at the school premises. The transit / Freight Charges, Insurance, all the Taxes, loading and unloading charges and all other incidental charges for the supply and delivery of the ordered goods in good condition to the delivery points (at each School in each District) shall be borne by the Successful Tenderer at his risk and cost.

5.5.3. Post Inspection

The quantity (Trade wise) supplied at Schools would be inspected / tested by the Technical Evaluation Committee of Samagara Shiksha. The said committee will submit report to Samgara Shiksha for processing of payment to successful Tenderer.

5.5.4. If the successful Tenderer is from outside the State of Tamil Nadu the Tenderer should set up a local office in Chennai to ensure service.

The address of the local office and the details of the responsible person in the local office should be informed to the Corporation before commencing the supply of 84 NSQF Technical Laboratory.

5.6 MHRD Inspection:

Auditor appointed by MHRD will inspect all accounts, records and other documents submitted by bidder related to the tender.

5.7 Insurance:

The delivery of the 84 NSQF Technical Laboratory in fully packed and labeled condition as per the statutory norms and the specifications given in the Tender Document to the designated destinations in time shall be the responsibility of the Successful Tenderer. The transit loss / theft / pilferage / damage of the goods under any circumstance shall be the liability of the Successful Tenderer. Insurance and transit insurance of the goods shall be the liability of the Successful Tenderer.

5.8 Guarantee and Replacement:

i. Warranty

The warranty of the 84 NSQF Technical Laboratory supplied by the Successful Tenderer shall be for a period of six months from the date of distribution of the same to the school children in each School in each District in Tamil Nadu. The Successful Tenderer shall replace the defective **84 NSQF Technical Laboratory** supplied by him with new ones at his cost at the designated points during the period of Warranty.

Defective in the equipments /tools If any, indicated during warranty period in the feedback obtained from the beneficiary student through the respective Schools, shall be replaced.

5.9. Payment Term:

5.9.1. No advance payment shall be made.

5.9.2. The successful Tenderer shall raise the bill only after completion of supply and delivery in of the particular Trade wise in all the designation location at the school premise delivery schedule.

5.9.3. The bill raised by the successful Tenderer shall have all Registration Numbers printed on the Bill. The validity of the Tax Registration during the currency period of the Contract shall be the sole responsibility of the successful Tenderer. The payment would be made by the Samagra Shiksha Department.

5.9.4. The successful Tenderer shall submit the delivery reports along with delivery challan signed by the concerned Schools with legible dated acknowledgement duly affixed with proper seal along with a certificate to Samagra Shikshas. The Samagra Shiksha shall process the bill for payment of **80%** of the bill only after completion of the supply of the particular trade in all the designation location at the school premise. Based

on the certificates issued by the respective schools, the bills will be admitted. The Samagra Shiksha shall settle 80% of the bill within a 30 days after receipt of the hard copy of the delivery notes, the afore-said Certificates of Acceptance and Third Party Evaluation Committee (as decided by Samagara Shiksha) Post Inspection Reports from Samagara Shiksha. All the payments will be made through ECS to the supplier's bank account declared by him at the time of execution of agreement.

5.9.5. Out of the remaining **20%** of the bill, **15%** of the bill shall be settled after the effective performance of the Contract in full to the entire satisfaction of the Samagra Shiksha, duly deducting Penalty and other charges if any.

5.9.6. The Samagra Shiksha shall recover any dues from the Successful Tenderer if found to be recoverable on a later date in the audit even after final settlement of the Bill. The Successful Tenderer shall be liable to pay such dues to the Samagra Shiksha.

5.9.7. The remaining **5%** of the Bill shall be paid after six months from the date of complete supply and delivery at the designation location as per the Purchase Order and the Delivery Schedule.

5.10 Liquidated Damages and Penalty:

5.10.1. Penalty:

(a) If the Successful Tenderer fails to deliver the equipments / tools as per the Purchase Order and the Delivery Schedule specified by the Samagra Shiksha, the Samagra Shiksha shall have the right to impose **penalty of 1%** of the value of the delayed supply with applicable GST (which includes the date of rectification/replacement of defective goods) for every week of delay or part thereof after the due date of delivery for a period of **Two weeks** and thereafter at the rate of **3%** of the value of the delayed supply with applicable GST **for each Week of delay** or part till completion. Maximum penalty shall be limited to 10% of the total contract value. The Samagra Shiksha shall have the right to make purchase from outside at higher rates if the delay continues even after a period of four weeks for which penalty is imposed on the Successful Tenderer and the loss sustained by the Samagra Shiksha to this effect shall be deducted from the bill of the Successful Tenderer and / or from the Security Deposit of the Successful Tenderer .

(b) In respect of replacement / rectification of goods, the date of replacement / rectification will be taken as actual date of supply. In such cases, the ordered quantity of goods for that location where the replacement / rectification were made will be taken for calculation of penalty for delay.

Liquidated Damages

5.10.2. The Corporation shall have the right to terminate the Contract of the Successful Tenderer who fails to deliver the 84 NSQF Technical Laboratory in full as per the Purchase Order and the Delivery Schedule.

5.10.3. The Corporation shall have the right to place the Purchase Order with the other eligible Tenderer(s) if the supply is delayed beyond four weeks after the due date and it shall be at the cost and consequences of the Successful Tenderer who is in default. The Corporation also reserves the right to take any other action against the Successful Tenderer in default for the loss and the consequential loss sustained by the Corporation.

5.10.4. If the delay continues even after a period of 50% of original supply period, the contract is liable to be cancelled at the discretion of the Managing Director in addition to imposing of a penalty of 5% of the value of delayed supply with applicable GST irrespective of the 10% of penalty already provided for in **clause 5.10.1** of the Special terms and conditions of the Tender.

5.10.5. The Successful Tenderer shall not manufacture, market, sell or supply the Technical Laboratory manufactured, packed and labeled as per the Technical specifications in the Tender Document exclusively for distribution among the School Children studying in Government and Aided schools in Tamil Nadu. The Corporation shall impose penalty of not less than Rs.5,00,000/- (Rupees Five Lakh Only) every time for violation of the aforesaid condition. The penalty shall be in addition to the Civil and Criminal action taken by the Corporation against such Successful Tenderers in default. The Corporation shall have the right to blacklist such Successful Tenderers from participating in the subsequent Tenders of the Corporation for a minimum period of three years based on the report if any received from Samagara Shiksha.

5.10.6. The Corporation shall have the right to blacklist the Successful Tenderer for breach of any conditions and Terms of the Tender / Agreement at any point of time, based on the report if any received from Samagara Shiksha.

5.10.7. If at any time before the acceptance of tender, the Tender Accepting Authority receives information that a tenderer who has submitted tender has been banned by any Procuring Entity, the Corporation shall not accept the tender of the tenderer even if it may be the lowest tender.

5.11. Termination of Contract:**5.11.1. Termination for Default:**

- a) The Corporation may, without prejudice to any other remedy for breach of Contract by the Successful Tenderer, terminate the Contract in whole or part, by a 15 days' written notice of breach of Contract to the Successful Tenderer,
- i. If the Successful Tenderer fails to deliver any or all of the goods within the time schedule specified in the Purchase Order, or within any extension thereof granted by the Corporation,
 - ii. if the Successful Tenderer fails to perform any of the obligation(s) under the Contract;
 - iii. If the Successful Tenderer is found to have involved in fraudulent, corrupt and unfair practices in competing for or in executing the Contract. If the Corporation terminates the Contract in whole or in part, the Corporation may procure, upon such terms and in such manner as it deems appropriate, the goods similar to those supplied and delivered and in that case the Successful Tenderer whose contract is terminated in whole or in part shall be liable to the Corporation for any additional costs involved in procuring and supplying the goods to the designated destinations. However, the Successful Tenderer shall continue the performance of the Contract to the extent not terminated. The Corporation reserves the right to take further action against the Successful Tenderer whose Contract has been terminated in whole or in part.

5.11.2. Termination for Insolvency:

The Corporation may at any time terminate the Contract by giving 15 days' written notice to the Successful Tenderer without compensation to the Successful Tenderer and without incurring any liability if the Successful Tenderer becomes bankrupt or otherwise insolvent. Such termination shall not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Corporation.

5.11.3. Termination for Convenience:

The Corporation may terminate the Contract in whole or in part at any time during the validity period of the Contract for its convenience by giving 15 days' written notice and without compensation to the Successful Tenderer. The notice of termination shall specify that termination is for the Corporation's convenience, the extent to which the Contract is terminated, and the date upon which such termination becomes effective. The termination of the contract is without prejudice to the penal consequences and damages for which the Successful Tenderer shall be liable for violation of the Contractual obligations.

5.12. Force Majeure:

5.12.1. Force Majeure means an event beyond the control of the Successful Tenderer and not involving the Successful Tenderer's fault of negligence and not foreseeable. Such event may include but are not limited to the acts of Nature such as fire, floods, epidemics, etc., and other events such as wars, revolutions, quarantine restrictions, etc.

5.12.2. If a Force Majeure situation arises, the Successful Tenderer shall promptly notify the Corporation of such conditions and the causes thereof through E.Mail within 24 hrs of such event. The E.Mail communication shall be followed by a report with documentary evidence to be sent to the Corporation within 3days from the date of occurrence of such event. Unless otherwise, directed by the Corporation in writing, the Successful Tenderer shall continue to perform his obligations under the Contract to a reasonably practical extent and shall seek all reasonable alternative means for effective performance of the Contract in time.

5.12.3. In the event of Force Majeure, the delivery period will be extended for a period equivalent to the period during which Force Majeure event was in existence. For this period the Successful Tenderer shall not be liable to pay penalty.

5.12.4. The price quoted by the bidder and accepted by the Corporation shall remain fixed and firm during the extended period during which Force Majeure was in existence. Force Majeure shall not have any bearing on the price quoted by the Successful Tenderer in the Tender.

5.13. Appeal:

Any tenderer aggrieved by the order passed by the Tender Accepting Authority may appeal to the Government within ten days from the date of receipt of order.

5.14 Conciliation & Arbitration:**5.14.1. Conciliation:**

If any dispute or difference arises between the Corporation and a Successful Tenderer with regard to the Contractual obligations, the same shall be referred to a Conciliator and settled by conciliation as per the provisions of The Arbitration and Conciliation Act, 1996. The sole Conciliator shall be nominated by the Managing Director of the Corporation. Conciliatory efforts are mandatory in tune with the Alternative Disputes Resolution (ADR) process before invoking the Arbitration Clause. The Conciliator shall endeavor to conclude his proceedings within three weeks from the date of reference of a dispute or claim to him.

The venue of the conciliation shall be exclusively at Chennai and the language to be used in the conciliation proceedings shall be in English.

5.14.2. Arbitration:

In case of any dispute or difference arising between the Corporation and the Successful Tenderer relating to any matter arising out of or connected with the Contract which still remains unsettled even after Conciliation, such dispute or difference shall be referred to the sole Arbitrator nominated by the Managing Director of the Corporation. The Arbitral proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996. If the Arbitrator for any reason has to discontinue the Arbitration before completion of the arbitral proceedings, the Managing Director of the Corporation shall nominate another eligible and suitable person as Arbitrator and such Arbitrator may continue the proceedings from the stage at which his predecessor has discontinued or may proceed de novo. The Arbitral Award shall be final and binding on both the Corporation and the Successful Tenderer. No part of the Contract shall be suspended by the Successful Tenderer on the ground of pendency of the Arbitral Proceedings.

The venue of Arbitration shall be exclusively at Chennai. The language to be used in the Arbitral proceedings shall be in English.

5.15 Jurisdiction:

The Courts in the City of Chennai exclusively shall have the jurisdiction to try any matter or dispute or reference between the Corporation and the Successful Tenderers arising out of the Contract.

6. LETTER OF THE TENDERER

To

The Managing Director
Tamil Nadu Text Book and Educational Services Corporation,
Chennai - 600 006.

Sir,

I / We do hereby tender / offer to the Tamil Nadu Textbook and Educational Services Corporation for the **“Tender for Supply and Delivery of 84 NSQF Technical Laboratory to 42 Govt. Girls Higher secondary Schools (2 Trades per schools) in Tamilnadu for the year 2021-2022”** conforming to the technical specifications and to the conditions stated in the annexed contract and specification attached here to.

I / We have understood that the requirement of the Corporation is noted the details of the materials to be supplied and have carefully understood the conditions of contract and the specifications with all the stipulations of which I / We agree to comply.

I / We hereby undertake to complete delivery of the materials at the places mentioned in the specification, within the time limit specified by the Corporation.

I am /We are quite aware that quality of the materials and time of delivery are the essence of this contract and accordingly, I / we would adhere to the same.

I / We further agree that I / We would not withdraw this tender either in full or in part. If by chance, I / we have to withdraw the offer, I / we agree that the EMD paid will be forfeited by the Corporation, without any notice to me / us.

I / We affirm that in any previous tender to the Tamil Nadu Text Book and Educational Services Corporation, I / we have not committed any fraud by furnishing wrong information and the Corporation had not written to us alleging fraud in our transaction with the Corporation

I / We further confirm that in case, any of the information noted above is found to be in corrected, I / We will be liable for any action under the terms of the tender / contract including termination of the contract and forfeiture of the Earnest Money / Security Deposit

I / We hereby undertake and agree to pay the Security Deposit as per the tender conditions within seven days from the date of receipt of the purchase order.

I / We undertake to sign the contract with the Corporation on the lines of the tender conditions in the tender documents.

I / We further agree that the acceptance of the tender conditions would, by itself, constitute a valid and concluded contract binding on me/us, even if separate contract is not signed.

I / We further agree that in the event of my/our failing to deposit securities mentioned above or to produce the latest income tax and sales tax clearance certificate or to execute the Contract within the period of seven days as referred to above, an Amount of deposited with the tender as EMD shall be forfeited by the Tamil Nadu Text Book and Educational Services Corporation and in addition, the Managing Director, Tamil Nadu Text Book and Educational Services Corporation , shall be entitled to cancel the contract and there upon arrange for any other person or persons to supply the materials herein before mentioned and I / We agree to be liable for all damages, losses, charges and expenses arising from or by reason of such failure on our part.

I / We hereby further agree and undertake that:

- a. In case, there is any defect found in the 84 NSQF Technical Laboratory or in any part of the 84 NSQF Technical Laboratory delivered, we undertake to replace the same by a new one.
- b. If the 84 NSQF Technical Laboratory to 42 Govt. Girls High Schools in Tamilnadu for delivery is found to have even the slightest damage, due to any reason like in the process of transportation, the equipment/instrument should be replaced by a new one (each School in each District).

I / We hereby declare that I / We agree to do the various acts, deeds and things referred to herein, for enabling the Corporation to procure **the 84 NSQF Technical Laboratory conforming to specifications.**

Having fully understood the tender conditions and the above undertaking in this letter, we sign thisDay ofat Chennai.

Yours faithfully,

Authorized Signature :

Name & Title of Signatory:

.....

7. STATEMENTS AND DECLARATIONS

ANNEXURE - I

PROFILE OF THE TENDERER

The Tender shall furnish the following details without fail.

- a) Name of the Organization :
- b) Nature of the Organization
(i.e. Public Sector Undertaking /
Public Ltd / Private Ltd Company/
Individual Proprietor /partnership
firm etc.,) :
- c) Address of the Registered Office of :
the Deler/Traders with Phone, Fax,
and Email ID.
- d) Audited annual report for the last :
three financial years :2017-2018 to
2019-2020 (Copy of the same along
with Technical Bid shall be
enclosed).
- e) A copy of PAN Card attested by the :
Dealer Managing Director or the
Chartered Accountant shall be
enclosed.
- f) A copy of registration Certificate of :
GST attested by the Dealer
Managing Director or the Chartered
Accountant shall be enclosed.
- g) Bank details:
Bank name :
Branch :
Account No :
IFSC :
MICR :

Note: The Tenderer shall enclose documentary proof for the above without fail.

ANNEXURE -II**ANNUAL TURNOVER CERTIFICATE**

The annual turnovers of M/s. are given below and certified that the statement is true and correct.

Sl. No.	Years	Turnover in Lakhs (Rs.)
1.	2017 - 2018	
2.	2018 - 2019	
3.	2019 - 2020	
	Total Turnover for three consecutive years	
	Average Annual Turnover	

Signature of Tenderer with Seal

Signature of the Auditor /
Chartered Accountant
(Name in Capital with
Registration Number)

Date:

Seal:

ANNEXURE -IV

DECLARATION

I / We having the registered office at hereby declare that the Firm / Dealer or its Partners / Shareholders have not been blacklisted by the Corporation or any Undertaking / Corporations of the Central / State Governments.

**Signature of the Tenderer
with Seal**

ANNEXURE – V

DECLARATION

I/We having the registered office at..... declare that I/we have carefully read all the terms and conditions of Tender floated by the Tamil Nadu Textbook and Educational Services Corporation, Chennai vide Tender Ref. No. 6573/PUR-II/2021 for the purchase of _____ **Nos.** of 84 NSQF Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per Schools) strictly conforming to the specifications as given in the Tender Document and I / we shall abide by all the conditions set forth therein. I/we also undertake to take back the rejected defective tools / equipments supplied to 42 Govt. Girls Higher Secondary Schools (2 Trades per Schools) at our risk & cost and replace the same within the stipulated time.

**Signature of the Tenderer
with Seal**

ANNEXURE -VI

SELF CERTIFICATION OF QUALITY

Certified that the quality of one sample trade wise of tools/equipments of the Trades submitted with the tender documents as per tender **clause 4.17** conforms to the technical specifications prescribed in Annexure.

**Signature of the Tenderer
with Seal**

ANNEXURE -VIII

DECLARATION

I / We _____ offer to supply and Delivery of tools / equipments of Trades meant for 84 NSQF Technical Laboratory to 42 Govt. Girls Higher Secondary Schools (2 Trades per Schools) and deliver to the designated delivery point at School level in Tamil Nadu within a period of 30 days which is inclusive of replacement of defective quantity, if any, arising out of the feedback of beneficiaries.

**Signature of the Tenderer
with Seal**

ANNEXURE -IX

CERTIFICATE

I/we having office at declare that the tender forms downloaded from the website www.tenders.tn.gov.in / www.textbookcorp.tn.gov.in have not been tampered with / modified in any manner. In case, if the same is found to be tampered with or modified, the Tender Document submitted by me/us shall be summarily rejected.

**Signature of the Tenderer
with Seal**

ANNEXURE -X

**FORMAT FOR AVAILABILITY OF CASH CREDIT FACILITIES -
Nationalised / Scheduled Bank Certificate**

This is to certify that M/s (Name and address of the Tenderer) is a reputed company with a good financial standing.

If the contract for “the supply and delivery of **84 NSQF Technical Laboratory to Govt. Girls Higher Secondary Schools** in Tamil Nadu for the year 2021-22”, is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs..... to meet their working capital requirements for executing the above contract.

Signature:
Name of Authorised signatory
Designation with seal
Address of the Bank

ANNEXURE-XI

8. BANK GUARANTEE FOR SECURITY DEPOSIT

To: _____ *[name of Employer]*
_____ *[address of Employer]*

WHEREAS _____ *[name and address of Successful Tenderer]* (hereinafter called "the Successful Tenderer") has undertaken, in pursuance of Tender No. _____ dated _____ to execute _____ *[name of Contract and brief description of Works]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Successful Tenderer shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Successful Tenderer such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Successful Tenderer, up to a total of

_____ *[amount of guarantee]*¹ _____ *[in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ *[amount of guarantee]*¹ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Successful Tenderer before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Successful Tenderer shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 24 Calendar months from the date of issue of Bank Guarantee.

Signature and seal of the guarantor _____
Name of Bank _____
Address _____
Date _____

¹ An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.

(h) Agreement

(i) All Addendum issued and replies to queries and any other clarifications issued by the Samagara Shiksha as forming part of the contract.

3. In consideration of the payments to be made by the **Purchaser** to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the **Purchaser** to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The **Purchaser** hereby agrees to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

5. **BRIEF PARTICULARS OF THE GOODS AND SERVICES WHICH SHALL BE SUPPLIED / PROVIDED BY THE SUPPLIER ARE:**

Name of the material	Quantity allotted	Accepted Rate (Rs.)	Total Value Rs.
Total			

6. For all purposes, the instructions issued under general as well as conditions of contract specified in the terms and condition of the tender document will be binding in the Agreement signed by the contractor.

7. The supplier should supply the above material strictly as per the Terms and Conditions and technical specifications (as per Annexure) stipulated in the Tender document within Thirty days (30) from the date of issue of Purchase Order.

8. The Samagara Shiksha reserves the right to withhold the GST amount charged by the supplier in the Tax invoices submitted to the Samagara Shiksha in the event of failure to pay the GST amount to the Government or / and in the event of such amount paid by the supplier as GST are not reflected in the returns against, the Smagara Shiksha's name mandated under the law.
9. The Samagara Shiksha shall recover any dues from the Successful Tenderer if found to be recoverable on a later date in any audit even after settlement of the Bill. The Successful Tenderer shall be liable to pay such dues to the Samagara Shiksha.
10. Address of the local office and the details of the responsible person in the local office are furnished below (applicable for the successful Tenderer from outside the State of Tamil Nadu).

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

(Signature of the Purchaser
with Name and Address)

(Signature of the supplier
with Name and Address)

Address with office seal in the presence of Witnesses :

1).....

1).....

2).....

2).....

Annexure – XIII**10. EARNEST MONEY DEPOSIT & CASH CREDIT FACILITY**

Sl. No.	Trade Name	Total EMD AMT IN Rs.	CASH CREDIT FACILITY Rs.
1	Agriculture	10,000.00	1,25,000.00
2	Apparel made UPS & Home Furnishing	43,750.00	8,43,750.00
3	Automotive	2,500.00	31,250.00
4	Beauty & Wellness	40,000.00	7,50,000.00
5	Food processing	20,000.00	2,50,000.00
6	Health Care	23,750.00	3,43,750.00
7	Telecom	7,500.00	93,750.00
8	Banking, Financial Services & Insurance (BFSI)	2,500.00	31,250.00
9	Electronics & Hardware	7,500.00	93,750.00
10	Travell, Tourism& Hospitality	5,000.00	62,500.00

PART - B

**11. PRICE BID
(TO BE FURNISHED IN PART - B COVER)
TO BE SUBMITTED TRADE WISE**

**SCHEDULE OF RATES OF _____ AS PER SPECIFICATIONS
INCLUDING DELIVERY COST TO THE DESIGNATED LOCATIONS**

Sl. No.	Trade Name	Basic Cost	GST	Others, if any	Total Amount (Rupees in words)
1.	Agriculture				
2.	Apparel made UPS & Home Furnishing				
3.	Automotive				
4.	Beauty & Wellness				
5.	Food processing				
6.	Health Care				
7.	Telecom				
8.	Banking, Financial Services & Insurance (BFSI)				
9.	Electronics & Hardware				
10.	Travell, Tourism & Hospitality				

Note: Total cost would be inclusive of Transportation, Assembling/Installation etc:- at the School Premise.

**Signature of the Tenderer
with Seal**

Annexure – XIV**TRADE NO.1 – AGRICULTURE****Job Role: MICRO IRRIGATION TECHNICIAN****Class: 11th and 12th**

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
1	DRIP LATERAL PIPES	MATERIAL: Made of Black alkathene pipe, DIMENSIONS: 16 mm thickness USED: Because of its Flexibility,Durability and chemical resistance USED FOR: Lateral lines in drip irrigation or drippers.	2000 meters	4
2	Drip Pipe (Riser pipe for sprinklers)	MATERIAL: Made of Black alkathene pipe. DIMENSIONS: 20mmthickness. USED: Because of its Flexibility,Durability and chemical resistance. USED FOR: Riser pipe for sprinkler irrigation.	500 meters	4
3	Irrigation Adapter Barbed Joint	MATERIAL: Made of PVC or LDPE. DIMENSIONS: 16 mm thickness USED: Because of its Flexibility,Durability and chemical resistance.	250 Nos	4
4	Straight Connector(Drip)	MATERIAL: Made of PVC or LDPE. DIMENSIONS: 16 mm thickness USED: Because of its Flexibility,Durability and chemical resistance.	300 Nos	4
5	Elbow	MATERIAL: PVC 45 degree pipe and fittings DIMENSIONS: 16mm thickness. USED: For its reliability and durability. USED FOR: Changing the direction of water in L shape.	300 Nos	4
6	Tee connector	MATERIAL: Black/Blue coloured pvc pipe. DIMENSION: 19 mm-25mm ball valve. USED: Because of its reliability and durability. USED FOR: Connecting the pipeline.	350Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
7	Tap	Material: Multi color in black/blue/green. Dimension: 11.39 x 3.46 x 3.39 cm; 499 Grams. Used: Types of water outlet.	250 Nos	4
8	End-cup	MATERIAL: Made up of black HDPE. DIMENSION: Size/Diameter- 63mm, 75mm, 90mm, 110mm. USED: For reliability and durability. USED FOR: Bend the pipe into the two holes for stopping the water flow.	300 Nos	4
9	washer	MATERIAL: Made of Plastic. DIMENSION: Diameter 16 mm. USED: Long life and Durable Material. USED FOR: Used for Drip irrigation and Garden irrigation System.	50Nos	4
10	Lateral Flush Valve	MATERIAL: Made of pvc DIMENSION: Size 16 mm. USED: High-quality,chemical resistant materials.	100Nos	4
11	Adjustable Irrigation Dripper/Emitter	Material: Plastic. Dimensions: 3.5x2.7x3 cm. Used: Deliver a smooth and predictable flow of water to your plants. USED FOR: Used to control the discharge of water from the lateral to the plant.	50	4
12	Open well irrigation Pump	MATERIAL: Stainless Steel. DIMENSION: Power:2.2 to 7.5 KW.deliver size - 32mm,discharge 8-22lpm head in meter 220 -92,3 HP POWER USED FOR: Open well submersible pumps are used when the applications will face a frequent change in water levels.	1	4
13	Pressure Gauge	MATERIAL: Made of Stainless Steel. DIMENSIONS: Pressure Equivalent for 1 foot of Water is 0.295 atm. USED FOR: Water supply and distribution service is the Bourdon gauge, in which the primary element is an elastic metal tube .	2 Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
14	Screen Filter	MATERIAL: Made of Non - toxic Materials DIMENSIONS: Size-catridge 2 " , 2.1/2" , 3 " , 4 " inch . INCLUDED COMPONENTS 1) Strainer Housing 2) Filter element USED FOR : Screen Filter Mainly Removes The Physical Impurities,like Sand, microstone and other insoluble impurities.	2 Nos	4
15	Venturi	MATERIAL: PVC pipe in Green and block colour. DIMENSIONS: Size 2 inch. USED FOR: Venturi is used for Fertilizer & Chemical injection through drip irrigation systems.	1 Nos	4
16	Fertigation hose set	MATERIAL: Made of plastic DIMENSIONS : USED FOR: Supply of fertilizer/fertigation.	1Nos	4
17	NRV(Non Return Valve)	MATERIAL: Made of brass. DIMENSION: 3.78x2.25x2.25inch	4Nos	4
18	Sand Sediment Water Filter	MATERIAL: Plastic Weight: 1.5 kg USED FOR: It's used to filter the dust/rust and visible particle.	2 Nos	4
19	Hydrocyclone Filter	MATERIAL: Made of nylon DIMENSION: 2.5 inches, Nominal flow rate 30cu.m/Hr,Pressure 8kg/cm2 USED FOR: Filtration of water.	1 Nos	4
20	Water Tank	MATERIAL: Mad of plastic DIMENSION: 1500 L USED FOR: Water storage.	1 Nos	4
21	Sprinkler End Cap	MATERIAL: Made up of black HDPE DIMENSION: Size/Diameter- 63mm, 75mm, 90mm, 110mm USED: for reliability and durability USED FOR: Bend the pipe into the two holes for stopping the water flow.	50Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
22	Sprinkler T	MATERIAL: Rigid pvc and polyethylene material DIMENSION: 63mm-110mm OD length-3&6mm USED: Because of its durability USED FOR: Helps to sprays the water to ground.	70 Nos	4
23	connector	MATERIAL: Black/Blue coloured plastic structure DIMENSION: 19 mm-25mm USED: Because of its reliability and durability USED FOR: Connecting the pipeline for flowing of water	100 Nos	4
24	Elbow	MATERIAL: PVC 45 degree pipe and fittings DIMENSIONS: Length-27mm USED: For its reliability and durability USED FOR: Changing the direction of water	100Nos	4
25	Sprinkler heads (Rotating head ,Twin nozzle,single nozzle,metal impact,butterfly)	MATERIAL: Brass DIMENSIONS: 10.41 x 9.91 x 4.57 cm; 240 Grams USED: Because of its Durability USED FOR: Perfect for irrigation of garden, lawn, flower, shrub, trees, farmland, vegetable field etc	100 Nos (Each type 20 Nos)	4
26	Rain gun	MATERIAL: Aluminium pressure die casted Body and arm. -Heavy duty brass nut, tube, nozzles & Diffuser Screw. -Stainless Steel Pivot Pin, springs, Nut and bolt. -Plastic parts made of engineering plastic for durability. DIMENSIONS: 38.4 x 28.6 x 8.4 cm; 1.66 Kilograms USED: Because of its durability USED FOR: Perfect for irrigation of garden, lawn, flower, shrub, trees, farmland, vegetable field etc	2 nos	4
27	FTA	MATERIAL: PVC DIMENSIONS: 75 mm USED: Seamless, Strong and Resilient Resistant to rusting and weathering USED FOR: Used for Water Supply, Lift Irrigation, Drip and Sprinkler Irrigation.	5 Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
28	PVC pipe	MATERIAL: PVC DIMENSIONS: 3 inch USED: Seamless, Strong and Resilient Resistant to rusting and weathering. USED FOR: Used for Water Supply, Lift Irrigation, Drip and Sprinkler Irrigation.	15 Nos	4
29	PVC pipe	MATERIAL: PVC Plastic DIMENSION: 2.5" USE: Using for irrigation, both in micro and sprinkler.	10Nos	4
30	PVC L-bow	MATERIAL: PVC Plastic DIMENSION: 2.5" USE: To change direction of straight PVC pipe line.	10 Nos	4
31	PVC L-bow	MATERIAL: PVC Plastic DIMENSION: 3" USE: To change direction of straight PVC pipe line.	10 Nos	4
32	PVC T -pipe	MATERIAL: PVC Plastic DIMENSION: 3" USE: To take 2 more connections in straight PVC pipe line to change direction for irrigation.	8 Nos	4
33	PVC T -pipe	MATERIAL: PVC Plastic DIMENSION: 2.5" USE: To change direction of straight PVC pipe line.	8 Nos	4
34	PVC - Connector	MATERIAL: PVC Plastic DIMENSION: 3" USE: To change direction of straight PVC pipe line.	10 Nos	4
35	PVC - Connector	MATERIAL: PVC Plastic DIMENSION: 2.5" USE: To change direction of straight PVC pipe line.	10 Nos	4
36	PVC- Reducer	MATERIAL: PVC Plastic DIMENSION: 3" USE: To change direction of straight PVC pipe line.	10 Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
37	PVC- End cup	MATERIALS: Made of polyvinyl chloride (PVC) Dimension: 40 mm USED FOR: PVC caps and plugs are used to seal off the end of a PVC line	7 Nos	4
38	PVC- End cup	MATERIALS: Made of polyvinyl chloride (PVC) DIMENSION: 40 mm USED FOR: PVC caps and plugs are used to seal off the end of a PVC line.	7 Nos	4
39	PVC - Tap	MATERIAL: PVC DIMENSION: 3" USED: Specially used for all types of water outlet.	4 Nos	4
40	PVC - Tap	MATERIAL: PVC DIMENSION: 3" USED: Specially used for all types of water outlet.	4 Nos	4
41	FLANGE SET	MATERIAL: GI DIMENSION: 3" USED: The two Flanges being bolted together with a ring of bolts to complete the drive. A flange coupling meant to bring two tube ends together in a flush, sealed manner.	4 Nos	4
42	HDPE pipe	MATERIAL: HDPE DIMENSIONS: 3 inch USED: Seamless, Strong and Resilient Resistant to rusting and weathering. USED FOR: used for Water Supply, Lift Irrigation, Drip and Sprinkler Irrigation.	20 feet	4
43	Sprinkler head	MATERIAL: Silver DIMENSION: 10 mts covered Used for: Used for water supply.	10 Nos	4
44	Coupler	MATERIAL: Female thread PVC coupling DIMENSION: 1/2 inch.	10 Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
45	Lateral	MATERIAL: Made of Black alkathene pipe. DIMENSIONS: 16 mm thickness. INCLUDED COMPONENTS: Inline emitters consist of a small plastic device. USED: Because of its Flexibility,Durability and chemical resistance. USED FOR: Lateral lines in drip irrigation or drippers.	20 meters	4
46	Rubber Ring	MATERIAL: Made of rubber DIMENSION: 12x10x2 cm,61gms	20 Nos	4
47	PVC Punching pin	MATERIAL: Made of premium tool steel. DIMENSIONS: 4 mm. USED FOR: Making Holes in PVC.	2 Nos	4
48	Knife	MATERIAL: made of stainless steel. DIMENSION: 25&30 CM. USED: Long durability and field work practical. USED FOR: Pruning of crops.	4 Nos	4
49	Hacksaw blade with frame	MATERIAL: Made of steel frame with wooden handle DIMENSIONS: 300x12.5x0.6mm USED: HSS, bimetal USED FOR: cutting PVC pipes and metal pipes.	5 Nos	4
50	M-seal pocket	MATERIAL: Pidilite M seal Regular epoxy compound DIMENSIONS: 100g USED: Regular epoxy compound mixture USED FOR: Sealing joints in pipes.	10 Nos	4
51	PVC Solvent	MATERIAL: High durable PVC chemical Solvent. DIMENSION: 100ml. USED: High durable fixing chemical Solvent mixture. USED FOR: Used to join PVC pipes and drip connections.	500 ml	4
52	PVC MTA(Threaded assembling)	MATERIAL: 6kg/cm2 density high durable PVC Threaded type (female). DIMENSION: 25mm female type. USED FOR: Jointing PVC pipes and valves coupling.	8 Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
53	Teflon tape	<p>Material: Teflon Tape Fix the water leak and for tight setting of water joint</p> <p>Description: Comes in a pack of 10 Pieces. It is made of teflon tapes specifications, Quantity: (10PCS) Color: white material, Teflon product size: expand: 600x1.6x0.0075cm features: waterproof, leak-proof, good sealing, corrosion-resistant. Universal teflon tape (Pack of 10) for RO water filter pipe fittings,aquarium,washing machine,water tap-food grade.</p>	10 Nos	4
54	spanner sets(various size),	<p>Size: (1).6 mm x 7 mm, (2).8 mm x 9 mm, (3).10 mm x 11 mm, (4).12 mm x 13 mm, (5).14 mm x 15 mm, (6).16 mm x 17 mm, (7).18 mm x 19 mm, (8).20 mm x 22 mm, (9).21 mm x 23 mm, (10).24 mm x 27 mm,(11). 25 mm x 28 mm,(12).30 mm x 32 mm MaxiDrive™ and anti-slip open ended jaw shape maintains grip on fastener with only slight rotational pressure</p> <p>MATERIAL:Made of Chrome Vanadium Steel</p> <p>Package Contents: 12-Piece Matte Finish Shallow Offset Ring Spanner Set</p>	1 set	4
55	Rinch spanners (various size)	<p>Size: (1).6 mm x 7 mm, (2).8 mm x 9 mm, (3).10 mm x 11 mm, (4).12 mm x 13 mm, (5).14 mm x 15 mm, (6).16 mm x 17 mm, (7).18 mm x 19 mm, (8).20 mm x 22 mm.</p> <p>MATERIAL:Made of Chrome Vanadium Steel.</p> <p>MaxiDrive™ and anti-slip open ended jaw shape maintains grip on fastener with only slight rotational pressure.</p> <p>Package Contents: 8-Piece Matte Finish Shallow Offset Ring Spanner Set.</p>	1 set	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
56	Piler	MATERIAL: Multi-purpose Combination Plier (7 Inch). DIMENSION: Handle length-7/175mm, blade length 36 mm. USED: Offset combination pliers that can be used either for holding objects or for cutting and bending wire.	1 Nos	4
57	Drill machine(Power)	MATERIALS: Engineered Plastic Dimensions: LxWxH 39.7 x 28.5 x 11.5 Centimeters, 1500RPM, Voltage:230, Maximum power: 720 watts. Weight: 3.8 Kilo Grams USED: Used to make punch holes on PVC Hose Pipe USED FOR: it is useful to make different sizes of punch holes on PVC hose Pipe. That can be used to insert the 12MM,16MM & 20MM pipe easily and perfectly into the punch holes made on the PVC hose Pipe.	1 Nos	4
58	Pipe wrench	Material: Alloy Steel. DIMESNSIONS: LxWxH28 x 7 x 3 Centimeters. Weight: 810 Grams. USED: Used in pairs, one to grip the pipe and the other to turn the fitting, pipe wrenches have adjustable, toothed jaws designed for gripping and turning threaded pipes and pipe fittings. USED FOR: A pipe wrench can be used to tighten or loosen a connection, such as two water hoses that are screwed together.	1 Nos	4
59	Flow meter/water meter	Material: Plastic. DIMENSIONS: 1 x 1 x 1 cm. Weight: 190 Grams. USED: Used to accurately measure the amount of water that is flowing through a pipe, which allows you to ascertain the current flow rate. USED FOR: Used in petrochemical industry, community flow control, water plant, farmland garden irrigation and other fields.	2 Nos	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
60	Wrench Spanners	MATERIAL: Alloy steel, Cast iron. DIMENSION: 33 x 10.2 x 5.1 cm, 800grams, Max jaw opening: 55mm.	1 Nos	4
61	Hot plate -Mini	MATERIAL: Magnetic Stirrer With Hot Plate 2 To 4 litre (Router) Now with Extra Feature & Rust Proof Material For Long Life Upper Plate Made Of S S And Body Made Of Best Quality Mild Steel Powder Coating & Teflon Coating. DIMENSION: 29.9 x 25 x 24.7 cm, 3.28 Kg. USED FOR: welding purpose.	1 Nos	4
Basic component				
62	Spade	MATERIAL: Made of iron with wooden handle. DIMENSION: 74.9 x 24.1 x 6.4 cm, 2.60 Kg.	20	4
63	Water hose	MATERIAL: Made of rubber nylon DIMENSION: 50m length, 1 inch radious USED: Flexibility USED FOR: Irrigation purpose.	1	4
64	Hand hoe	MATERIAL: Made of iron and wooden handle DIMENSION: Blade L x b= 15 x 10 cm USED: Weeding purpose.	5	4
65	Crow bar	MATERIAL: Made of Thick Iron Rod. DIMENSIONS: 4 Feet Long. USED: To Dig a Pit. USED FOR: Gardening Purpose.	5	4
66	Shovel	MATERIAL: Made Wooden Stick with iron casting. DIMENSIONS: 3 feet long. USED: To collect Soil sample. USED FOR: Used in Fertilizers and waste disposal.	2	4
67	Trowel	MATERIAL: Made of short wood handle ends with plain iron casting. DIMENSIONS: 1 feet long. USED: Collection fertilizers in laboratory. USED FOR: Used in Digging and collection.	5	4

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
68	Knapsack sprayer	MATERIAL: Hand & Battery Operated Knapsack Sprayer. DIMENSION: Tank capacity 16L, Battery voltage 12V, pressure 0.2-0.45 mph, current 8Amh, Weight 6.20kg. USED: Spraying chemicals.	1	4
69	Wheel Barrow	MATERIAL: Cast Iron, Double wheel barrow with scooter tyre DIMENSION: BKE 16G 20" Capacity 100-150kg USED: Handling & packing Trolleys.	1	4
70	Garden rake	MATERIAL: Steel Leaf Rake DIMENSION: 130x42x4cm USED: Leaf collecting, soil leveling USED FOR: Garden, Agriculture land, Park.	2	4
71	Head Pan	MATERIAL: Made of plastic. DIMENSION: 10 Kg capacity, 0.8 to 1mm thickness. USED: Collecting soil, fertilizer apply. USED FOR: Construction and Agriculture.	10	4
72	Gloves	MATERIAL: Made of leather. DIMENSION: 1 feet long. USED: Long durability and safety purpose. USED FOR: Garden cleaning works.	20	4
73	Sliper's	MATERIAL: Made of rubber. DIMENSION: 6&7- inches.	10	4
74	Measurement tape	MATERIAL: Made of steel and metal. DIMENSION: 15 meter. USED: Long durability and measuring purpose. USED FOR: Measuring land.	2Nos	4
75	Garden knife	MATERIAL: made of wood and metal. DIMENSION: 25&30 CM. USED: Long durability and field work practical. USED FOR: Pruning of trees or crops.	3 Nos	4
76	sickle	MATERIAL: Made of short wooden handle end with iron casting. DIMENSION: 1 feet long. USES: For remove the weeds.	4 Nos	4
First Aid Kit				

S. No.	Name of the tools/equipments	Specifications	Quantity per Set(School)	Total No. of Sets
77	Bandage	Material: Made of cloth. DIMENSION: L*W*H =10.7*8.4*3.6 cm. USES: For wound in body.	50	4
78	Ointment	Curable cream first aid ointment Uses: Prevent minor skin infections	2	4
79	Pain relief spray	Omni Gel first aid pain relief spray Uses: For muscle pain,back pain,joint pain	2	4
80	Cotton	MATERIAL: Super soft cotton with quality of absorbent and non adhesive type. DIMENSIONS: Width - 15 cm& Height - 20cm USES: Wound cleaning,Medical dressing.	4	4
81	Handwash	MATERIAL: it should be a pack of two. One with plastic hand wash pump dispenser (3x200ml) and another one is refill pack of 1500 ml capacity (4) USES: Helps to prevent the Common Cold and Flu. Protection Against 100 Illness Causing Germs and kill germs.	2	4
82	Dettol	MATERIAL: Antiseptic liquid in glass bottle. USES: Whenever you are dressing a wound, you need to use an antiseptic liquid or cream to get rid of the bacteria or viruses accumulated around the wound. This antiseptic liquid by Dettol will let you do that easily.	2	4

Annexure – XV**TRADE NO. 2 - APPAREL MADE UPS & HOME FURNISHINGS****Class: 11th and 12th****Job Role: Assistant Fashion Designer**

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Single Needle Lock Stitch Machine (SNLS)	SNLS (Single Needle Lock Stitch) Direct Drive Sewing Machine (F Series) with inbuild motor, Sewing Speed-3000 SPM	10	27
2	Cutting Table	Color - WHITE TOP, Size/Dimension - 8'*4', Table Top Thickness - 19MM PLY, Height 50", Material - Iron legs & Wooden Top	1	27
3	Machine Stools	Wooden square stool, Seating height - 24", No.of legs - 4, Material - Mild steel & Wooden, Wooden Top - 12*12	10	27
4	Shears(Fabric Cutting)	Plastic handle fabric cutting scissors, Blade Material - Stainless Steel, Length - 9.5"	10	27
5	Sewing Thread	Polyester cotton thread, Colours - Various colors, Length - 1000 metres	22	27
6	Bobbin	SNLS Industrial sewing machine bobbin, Material - Iron	10	27
7	Bobbin Case	SNLS Industrial sewing machine bobbin case. Material - Iron	10	27
8	Sewing Needle	Size 16 - 5 Pkt, Size 14 - 5 Pkt	10	27
9	Paper Cutting Scissors	Size - 6", Material - Stainless steel with plastic handle	10	27
10	Hip Curve	Material - Mixed wood, Size - 60 Cm, Color - Yellow	5	27
11	French Curve	Material - Plastic, Size - 36 Cm, Color - Transparent	5	27
12	L Scale	Size / Parts : 12*24, Material - Wood Mix, Shape - L Shape, Colors - Yellow	5	27

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
13	Pattern Notcher	Material - Stainless Steel, Weight - 100 grams, Dimensions - 19*8.5 cm	1	27
14	Fabric Marker	Tex Yellow Marker	1	27
15	Zipper Footer Set (Left & Right)	Material - Iron	1	27
16	Fabric - Greige	60 metres of fabric 100% Cotton, Count - 40s, GSM - 120	60	27
17	Brown pattern paper (Heavy GSM)	Kilograms - 5, GSM - 140 gsm, Width - 48 Inches, Roll per Kg - 25,	5	27
18	Machine Oil	Industrial Sewing machine Lubricant oil in Liters	3	27
19	Button	Multi color buttons 2 gross (144 pcs), Size - 14, Type - Round shape with 4 holes	2	27
20	Hooks And Loops - For Womens garments	Material - Stainless steel, Pack of 100 hooks & eyes	2	27
21	Hooks and Loops - For Mens garments	Material - Stainless steel, Pack of 100 hooks & eyes	1	27
22	Zipper	Polyester Auto-Lock Multi color zippers, Size - 8" (20 cm)	40	27
23	Velcro Tape	10 Meters Velcro Fastener Tape Roll, Size: 1 inch	10	27
24	Dress form	Size - Indian Medium, Gender - Mens or Womans	1	27
25	Hand Needle	55 Pieces Stainless Steel Big Eye Hand Sewing Needles Set with Different Sizes with Free 5 Jumbo Size Needles	5	27
26	Embroidery Frame	Material - Wooden Embroidery Hoop Ring Frame, Size - 8" inches, Width - 1 inch, Material - wood	5	27
27	Embroidery Thread	Cotton Hand Embroidered Thread, Includes 25 skeins, two each of 12 colors, Each skein is 8 yards long	2	27

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
28	Inter Lining	Woven Fusible Interlining (Canvas), Colour - White	5	27
29	Dyed Fabric (Assorted colors)	Material - 100% cotton woven solid fabrics, Count - 40s count, GSM - 120 GSM	40	27
30	Embroidery needle	Needle type - Embroidery needle, Size - 6, Material - Stainless Steel	20	27
31	Silk thread	Silk Thread, Colors - Multi colour, Size - 300 Meter	20	27
32	Zari thread	Gold Zari metallic thread for embroidery, Length - 1300 metres, Diameter - 0.1 mm	5	27
33	Sequins	Round shape metal sequins, Color - Gold, Material - Brass, Size - 5 MM, Pack - 1 (100 grams)	1	27
34	Shishma Mirrors sequins	100 pieces of round shape mirrors & 100 pieces of diamond shape mirrors, Size - 1 cm	1	27
35	Fabric paint	Fabric Colour paint - 10ml Each (Pack of 12)	3	27
36	Beads	Round shape golden beads (100 pieces per pack), Size - 5 mm	1	27
37	Paint brushes	Set of 6 Different Sizes Synthetic Paint Brushes, 3 set of point brush Size - 3,4 & 5 (MM), 3 set of flat brush Size - 4, 7 & 10(MM).	2	27
38	Fabric Glue	Fabric glue - 30 ml per bottle	5	27
39	Fabric glitter	3D Glitter outliner in various colours - 20 ml per bottle	10	27
40	Multi color stones	Generic Colorful - kundan Stones Round and Drop Shape Combo of 500 Stones Size- L:17mm & W: 14mm	1	27
41	Wooden scale	Material - Wood, Size - 30 cm/12", Colour - Yellow	10	27
42	Marking chalk	Tailor's chalks in various colours.	2	27

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
43	First Aid Kit	First aid box contains Antiseptic lotion & cream, 4 paracetamol tablets, crepe bandage - 4 cm x 5 mts, 3 sizes of cotton bandages, 5 bandaid & 1 scissors	1	27
44	Pic glass	Color - Steel, Material- Brass, Capacity - 0.5" x 0.25" x 1" Base	1	27
45	Designer file	A3 Size Display Book File(20 Transparent Inner Pockets), File Size: A3 Size(17.5 X 12.5 inch) Inner Pockets Size : 16.75 X 12 inch.	80	27
46	Embroidery machine	Embroidery Sewing Machine (Domestic manual)	1	27
47	A3 sheets RIM	Paper - A3, 500 Sheets per ream, 75 GSM per ream	2	27
48	Measuring tape	Measuring tape in various colours, Size - 150 cm (60 Inch)	40	27
49	Thread cutter	Material - Iron, Length - 10.5 cm	15	27
50	Seam ripper	Material - Iron & Plastic, Length - 8.6 cm	15	27
51	Ironing Table	Length - 40", Width - 30", Height - 40" (Inches)	1	27
52	Iron box	Automatic, Heavy Weight Black, 1000 Watts, 240 Volts, Dimensions L 12*37*14 MM	1	27

Annexure – XVI**TRADE NO.3 - AUTOMOTIVE****Class: 11th and 12th****Job Role: AUTOMOTIVE SERVICE TECHNICIAN L4**

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
TOOLS				
1	Circlip Plier Set of 4	Rubber handle with carbon material	1	1
2	Combination Plier	Material: Carbon Steel 6 inch	1	1
3	Nose plier	Standard size	1	1
4	Adjustable Wrench	12 inch	1	1
5	Allen key set	Carbon Steel Material	1	1
6	T- Spanner	Carbon steel material , Handle rubber material , Total height 11.5 inch , (8mm, 9mm, 10mm 11mm 12mm)	1	1
7	Ring Spanner Set	Carbon steel material, Size (6mm, 7mm, 8mm, 9mm,10mm, 11mm, 12mm, 13mm,14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm 28mm, 30mm, 32mm)	1	1
8	Double End Spanner Set	Carbon steel material, Size (6mm, 7mm, 8mm, 9mm,10mm, 11mm, 12mm, 13mm,14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm 28mm, 30mm, 32mm)	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
9	Torque Wrench	Handle rubber grip , 10NM TO 50NM	1	1
10	Socket spanner Set	with ratchet, T- rod, universal joint, 15cm extention rod, 30cm extention rod, socket Dimentions:8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 30mm, 32mm	1 Set	1
11	Spark Plug Socket	16mm, 21mm with T handle, chrome vanadium steel	1	1
12	Lug Wrench	17mm, 19mm, 21mm, 22mm	1	1
13	Screw Driver Star	Carbon steel material, (15cm ,25cm, 30cm)	1 Set	1
14	Screw Driver Minus	Carbon steel material, (15cm ,25cm, 30cm)	1 set	1
15	Flat File Smooth	High carbon steel material with plastic handle 12"	1	1
16	RASP File	High carbon steel material with plastic handle12"	1	1
17	Round File	High carbon steel material with plastic handle12"	1	1
18	Half Round File	High carbon steel material with plastic handle12"	1	1
19	Wire Brush	Mild steel	2	1
20	Ball Peen Hammer	Hammer with Wooden handle 200 g	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
21	Sledge Hammer	Hammer with Wooden handle 500g	1	1
22	Mallet	500g with Nylon Material	1	1
23	Tyre Lever	1 feet length lever, forged carbon steel	2	1
24	Chisel	MS Flat 8 inch	1	1
25	Tubless tyre puncher kit	Kit with 10 piece of thread with packet	1	1
26	Tube mouth valve Remover	Remove the Tube mouth core pin	1	1
27	Piston Ring Compressor	Medium Size with allen key 50- 100 mm	1	1
28	Piston Ring Expander	Steel 40 - 100 mm	1	1
29	Valve Spring Compressor	Heavy Duty, C- type	1	1
30	Valve Lapping Stick	Standard size, wooden handle	2	1
31	Funnel	Big- 1, Small-1 (Plastic Material)	2	1
32	Hacksaw Frame with Blades	Frame and 5 Blades 12inch size	1	1
33	Mechanic Floor mat	7 feet x 3 feet x2" inch rubber material	1	1
34	Centre Punch	Standard	1	1
35	Bearing Puller	3 leg, 6 inch	1	1
36	Set square	150*200 mm plastic	1	1
37	Protractor	plastic	1	1
38	French curves or irregular curves	fiber	1	1
39	Tap Set with wrench	tap set of size (M3 M4 M5 M6 M8 M10 M12 mm) with box	1	1
40	Die set with wrench	die set of size (M3 M4 M5 M6 M8 M10 M12 mm) with box	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
41	Stud Remover	standard	1	1
EQUIPMENT				
42	Tyre Button Depth Gauge	0-50 mm Tyre Depth Gauge	1	1
43	Vernier caliper	0-125mm	1	1
44	Outside Micrometer	0 - 25 mm	1	1
45	Feeler gauge	Stainless Steel Crom Plated .03mm to 1 mm 26 blade	1	1
46	Surface Dial gauge with Magenet Stand	Stainless steel 18 - 35 mm	1	1
47	Air pressure Guage	200mm Tyre Pressure Gauge, 0 to 25 bar(0 to 400 psi)	1	1
48	Measuring Tape	Plastic 5M	1	1
49	Digital Multimeter	Standard	1	1
50	Hydraulic Jack	Single piston type, 5 ton	1	1
51	Horse Jack	3 ton capacity all must be in same size	1	1
52	Screw Jack	800kg capacity with steel material	1	1
53	Air Compressor with 10meter Hoses with inflator with easy air out coupling	with 2 nos easy out coupling, 1hp motor single phase, 50L tank capacity	1	1
54	Air Blow Gun	with interchangeable nozzles	1	1
55	work table	4x4 Diamond cutted wood material with ms stand.	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
56	Bench Vice	Cast Iron Marterial, Size ,310mmx165mmx14.5	1	1
57	Battery charger	lead charger12V charging capacity	1	1
58	Hydrometer	Standard	1	1
59	Jumper cable	4 meter each with corocodile clamp on each end	4	1
60	Grease gun	Heavy Duty	1	1
61	oil can	1 pint, metal	1	1
62	vulcanizing machine	Standard, Electrical type	1	1
63	Foldable Engineering Drawing board with stand	Board Size D2 (700x500) with steel hollow stand Wooden Board with mica Foldable	10	1
64	Mini drafter	420*594 mm Mini Drafter with Heavy Mild Steel Rod & Shatterproof Scale for Engineering Student (Free Protective Cover) (Blue)	10	1
65	Drawing board clip	Plastic orSteel	10 set	1
66	scales (engineering scales)	30 cm plastic	10	1
67	Steel rule	30 cm ss material	1	1
68	Drawing Instrument box	as per engineering standards	10	1
69	Pop Revit Gun	Standard size	1	1
70	Tools Box	32 x 20 x 16 cm metal box	1	1
71	cuboard	Metal 7feet X 3 feet, with many partitions to hold tools and safety locker and cuboard lock	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
MODELS				
72	Geometrical shapes	2*4 inches, wooden material shapes include : cube, cone, sphere, cylinder, semi-sphere, rectangular, square prism, triangular prism, triangular pyramid, pentagonal prism, pentagonal pyramid	1	
73	All kinds of bolts and nuts dashboard	All types of bolt and nuts display board with name, board size 3*3 feet Full wood board & board thickness 1 inch plywood All bolts want to be new	1	1
74	All kinds of washers, screw and revits dashboard	All types of washers, screw and revit display board with name , board size 3*3 feet Full wood board & board thickness 1 inch plywood All screw want to be new	1	1
75	Display board for automotive materials	With new and original materials atleast 15 different pieces 3X3 board size	1	1
76	Clutch plate assembly mounted with frame	old Multi plate clutch with stand	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
77	cut section model of used /old Multi cylinder engine with full transmission system set up	it includes Used/old 3 or 4 cylinder Engine (800cc-1000cc) with carburator or mpfi, powered by 5hp single phase motor, cooling system, Clutch, Gear box, Propeller shaft, Diffirential unit, rear axle, with wheel hub with woking model fitted in painted MS Stand	1	1
78	Service Manual/ Owner Manual	Book xerox	10	1
79	wiring display board	Electrical symbols, fuses used in automobile, Circuit diagrams And colour code specification for car.	1	1
80	Two wheeler Full electrical set up	Entire Electrical system of a two wheeler with working, lighting system, starter system, horn, charging system with rr unit in a 3 feet X 3 feet wooden board setup without battery with battery cables for connections and with appropriate switches.	1	1
81	Cut section Two wheeler engine (2 stroke) with stand	Two wheeler 2 stroke engine Cut section with gear box fitted in painted MS stand	1	1
82	wiper system model with wiper motor, arm and blade	four wheeler wiper system fitted in a transperant mica board as working model	1	1
83	Fuse	All types of fuse used in automobile	1 box	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
84	Universal Joint	Material : Chrome Vanadium Steel	1	
OLD/USED				
85	Constant mesh gear box with gear shift lever	old Four wheeler 4 speed gearbox with gear shift lever with working condition fitted in a painted MS Stand	1	1
86	3 or 4 cylinder petrol engine MPFI type	old 3 or 4 cylinder MPFI petrol engine fitted with ECM and all sensors, starting system, charging system, fuel supply system with 5L transperant tank, coolong system, Ignition key and acclerator with new 12v 60 amph battery and guarenty card fitted with suitable MS painted stand in running condition.	1	1
87	Disc wheel with tubeless tyre	old two wheeler wheel with tube less tyre	1	1
88	wire wheel	old two wheeler spoke wheel with tyre	1	1
89	3 or 4 Cylinder Diesel Engine	old 3 or 4 Cyliner old Diesel Engine in Working Condition with clutch assembly, starter motor, alternator, fuel system, radiator	1	1
90	Clutch Plate	old four wheel single plate clutch 240 mm	1	1
91	Propeller shaft assembly	old full setup with universal joint, slip joint	1	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
92	Differential Unit	old Full Setup with Rear axle, housing, Wheel hub, brake drum	1	1
93	Leaf spring	Model of old Leaf spring suspension with shackle	1	1
94	Shock absorber	Model of old telescopic Shock absorber	1	1
95	Rack and pinon Steering gear box system with power steering	Model of old Rack and pinon Steering system with road wheel and steering wheel, installed in stand setup	1	1
96	Two wheeler 4-stroke engine bike with starter motor	Complete bike with starter motor with new battery with guarenty card in Running Condition with RC book and NOC Certificate and TO form	1	1
97	coil spring suspension	two wheeler	1	1
Consummables				
98	Cleaning Tray	Plastic 45*30cm	2 Nos	1
99	Safety Gloves	Generic 20 x 60 x 60 Millimeters	10	1
100	Hacksaw Blade	12 inch	10	1
101	Rust cleaner	400ML SPARY	3	1
102	Pop revit	Aluminium pop revit of 4X10mm	100	1
103	Gear box oil	SAE 90 oil	3L	1
104	Anabond	RTV Silicon paste	2	1
105	Cotton waste	-	2kg	1
106	Emery Sheet	9"*11"- Grade: 40	2	1
107	Emery Sheet	9"*11"- Grade: 90	5	1
108	Emery Sheet	9"*11"- Grade: 220	3	1
107	Brake oil	Dot 3	1/2 Ltr	1
108	Engine Oil	20W 40	1 lit	1
109	Kerosene	Domestic	5 Lit	1

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
110	Valve Lapping Paste	Coares	400g	1
111	Multipurpose Grease	standard	1 KG	1
112	Petrol	automobile use	5 LTRS	1
113	Diesel	automobile use	5 LTRS	1
114	Soap Oil	Domestic	10 LTRS	1
115	Omni Patch Cold (Puncture Patch)	Medium Size	1 PACKET	1
116	Fire Extinguisher	Refillable class B	4 LTRS	1
117	Waste Cloth	-	5KG	1
118	Spare Bulbs (Brake, Head light)	for two wheeler	10	1
119	Wire tag	medium size	1 PKTS	1
120	Spary paint	Black colour	3	1
121	First Aid kit	First Aid kit as per industrial Medical Standard	1	1
122	Saw dust	for cleaning purpose	5 kg	1
123	Puncture Solution	standard - automobile usage	50 g	1
124	Pencils	H, 2H, HB	4 Box Each	1
125	Pocket knife	standard	1	1
126	Sharpener	small	10	1
127	Adhesive Tape	Transperent 1/2 inches	10	1
128	Drawing Sheet	A2 Size	1 rim	1
129	Eraser	medium	10	1
130	Marking Chalk	yellow	2	1
131	French chalk powder	standard	1kg	1
132	Differential oil	sae 140	1 lit	1

Annexure - XVII**TRADE NO.4 - BEAUTY AND WELLNESS****Class: 11th and 12th****Job Role: Beauty Therapist**

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Measuring spoon set	plastic	20	24
2	Shower cap	Nanoven surgical cap	5 pkt	24
3	Tissues	Nanoven Tissue roll	3	24
4	Application brush	Synthetic bristle wood or plastic handle in 5 inch	20	24
5	Eye pad	Cotton Eye pad	3 pkt	24
6	Cleansing milk	Sandal or Almond	3	24
7	Moisturiser	Honey	3	24
8	Manicure tool set	Stainless steel	20	24
9	Toe seperator	Hard Sponge	20	24
10	Emery board	Wood	20	24
11	Buffer	Medium coarse range	20	24
12	Nail brush	Synthetic bristle and 18 cm length wooden handle	20	24
13	Spoon sets	Steel teaspoon	20	24
14	Orange stick	l*b*w=11*0.4cm*0.4cm , 1000 stick	1 pkt	24
15	Foot spa machine	Multi function foot spa massager (vibrator. Bubble massager , with temprature 30degree ,high qty plastic	2	24
16	Rose water	Rose water	2 ltr	24
17	Wax Heater	With heat controller	10	24
18	Hot wax	Honey wax	5 kg	24
19	Wax Strips	90GSM QTY, Plain Wax Strips ,High QTY NONWOVEN STRIPES SIZE ABOVE 3*9 INCHES	15pkts	24
20	Cold wax	Beone cold wax	600 ml	24

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
21	Spatula	Smooth WOODEN SPATULA FOR WAXING KNIFE TYPE L*B*W= 15*10*3CM	10	24
22	Tweezers	L*B*W=12.6*5*0.9CM, PRECISION AND SLANT FLAT TIP	20	24
23	Thread	Green Thread (Organic) COTTON THREAD 300METER	30	24
24	Threading gel	Aloevera gel	5	24
25	Herbal product making	Essential Oils, Soap Base, Soap making colours, Raw body butter, flavour oils, sandal wood powder, candles, small piece muslin cloth		24
26	Liquid Foundation	CLASSIC TAN 2(DARK) GOLDEN -2 (Medium beige 2(dark)	6	24
27	Make up brush set (24pc)	Package Contents: 1 Foundation Brush, 1 Eyeshadow Brush, 1 Eyeliner Brush, 1 Big Fan Brush, 1 Lip Brush, 1 Concealer Brush, 1 Sponge Applicator, 1 Lash Brush, 1 Fan Brush, 1 Powder Brush, 1 Blush Brush, 1 Contour Brush, 1 Medium Angled Shading Brush, 1 Fluffy Brush, 1 Large Eyeshadow Brush, 1 Medium Eyeshadow Brush, 1 Smudge Brush, 1 Eye Contour Brush, 1 Angled Eyeshadow Brush, 1 Short Eyeshadow Brush, 1 Angled Brow Brush, 1 Precise Eyeliner Brush , 1 Sponge Eyeshadow Brush, 1 Eyebrow Comb	1	24
28	Blusher palette	6Colour palette(red ,pink,peach,cherry ,soft nude,rose)	1	24
29	Mascara	waterproof and smudge proof WAVY BRISTLE LONGLASTING Formula	3	24
30	Eyeshadow Palette	BOOK TYPE PALETTE 72 COLOURS	2	24

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
31	Fake lashes GLUE	ADHESIVE WATER AND SWEAT PROOF, VEGAN NON Irritating QUICK DRY 10 GM	3	24
32	Eye brow filler	EYE BROW POWDER Palette (ASH BROWN, BLACK,BROWN) SETTING WAX GEL	2	24
33	Gel Eyeliner	WATER RESISTANT CREAMY FORMULA , INTENSE BLACK SEMI MATTE	2	24
34	Liquid Liner	WATER BASE FORMULA, MATTE FINISHED, JET BLACK	4	24
35	False lashes	3D SYNTHETIC LASHES, VOLUME LASH , SOFT LIGHT WEIGHT LASHES	10	24
36	Eyelash curler	Stainless steel , BUILT IN COMB , SOFT SILICON PAD 11*4*6	2	24
37	Lip Pencil	red ,brown, maroon, ruby, fuschia	6	24
38	Lipstick PALATTE	burgundy, fuschia, ruby red, wine, pink mocha, rosy peach, nudes	2	24
39	Lip gloss	transparent gloss	6	24
40	Lip Balm	honey wax 25 gm	10	24
41	Make up fixing powder	banana powder(yellow) and translucent powder(white)	6	24
42	Makeup Setting Spray	Liquid form,Rose,lavender flavour,Transparent	2	24
43	Make up remover	MICELLAR CLEANSING WATER	2	24
44	Face highlighter	GOLD, CHAMPAGNE ,COPPER POWDER BASE EACH 15GM	1	24

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
45	concealer	CREAM CONCEALER DEEP TAN/DARK, MEDIUM/GOLDEN,BEIGE/MEDIUM FAIR	3	24
46	Face Primer	Gel based OR MATTIFYING, CREAM BASE	3	24
47	Tissue paper roll	Made of soft cotton	5	24
48	Water Spray Bottle	Plastic	10	24
49	Make up brush cleaner	BABY OIL AND BABY SHAMPOO EACH 3 IN 100ML	5	24
50	Facial massager	FRIMATOR Brush Portable	3	24
51	Hand mirror	BIG CIRCLE 15 CM DIAMETER AND WOODEN HANDLE	5	24
52	Sanitizer	WATER BASE 1 LITRE	10	24
53	Tissue paper	Nanoven roll	10	24
54	Jewellery set	Traditional Matte Finish Full bridal set ,neckset, hairset, kaivangi, nethichudi, hip belt.	1	24
55	Hair	Extension synthetic HAIR 3 FEET LENGTH	2	24
56	Electric lymphatic drainage Vaccum	Face vacuum SUCTION WITH SILICON HEAD - 4 NOS AND SUCTION SPEED CONTROLLER IN 3 SPEED	1	24
57	Cleanser	Almond and sandal	2 ltr	24
58	Serum/gel (face)	Skin glow serum VITAMIN C SERUM, HYALURONIC SERUM	2	24
59	Hair brush	Back comb brush	20	24
60	Comb set	DETANGLE AND TAIL COMB EACH 2 IN BLACK COLOUR	6	24
61	Hair cutting seissors	Stainless steel 5 INCHES	20	24
62	Hair section clips	Black colour sectioning clips	2	24
63	Henna dye	Natural black	2 kg	24

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
64	Shampoo	DEEP CLEANSING	2 ltr	24
65	Hair conditioner	DEEP NOURISHING, ALL HAIR TYPES	2 ltr	24
66	Hair dryer	HOT AND COLD AIR 1500WATTS+ WITH NOZZLE CORD LENGTH 2METRE	2	24
67	Hair spray	250ML,STRONG HOLD VOLUME 3	3	24
68	Micro electrical neuromuscular stimulation	Faradic Machine	1	24
69	Massage Cream	massage cream like aloe vera cucumber cream fruit cream each 2 nos	6	24
70	Scrub	scrub like almond oatmeal 2 each	6	24
71	Face Pack	pack like mud pack , blueberry ,fruit pack each 2 nos	6	24
72	Acetone	1 litre	4	24
73	Hydrogen peroxide	20 volume only	4	24
74	Antiseptic solution	100 ml	6	24
75	Rock salt	with aroma	2kg	24
76	Cuticle softener cream (50 gms)	cream base	4	24
77	Manicure shampoo	1 liter	2	24
78	Nail polish	red colour and primary colour 6	10	24
79	Base coat	transparent gloss	5	24
80	Top coat	clear glossy gel chip resistant	5	24
81	Sterilizer	uv lamp	2	24
82	Paraffin wax	wax in a cube bar	2kg	24
83	Sponges	washable puff sponge	5 pkt	24
84	Peel of mask	Skin Whitening , flavour powder form	2Pkt	24

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
85	Sun screen lotion	spf35+	4	24
86	Astringent Toner	1/2 litre	4 bottle	24
87	Rose water	1litre	4bottle	24
88	Face Mask	Surgical mask	4 pkt	24
89	safety pin	Stainless steel, 1000 pins	1 box	24
90	UPin	large,medium, small each one box	3 box	24
91	Bobby Pin	Large and small	2 box	24
92	Rubber bands	Black colour	2 box	24
93	Hair straightener	With Temperature Controller 9 FEET PROFESSIONAL CORD LENGth WITH TITANIUM PLATE	1	24
94	Crimping Machine	With Temperature Controller 9FEET CORD LENTH CERAMIC COAT 28 MM	1	24
95	Tongs Machine	With Temperature Controller 9FEET CORD LENGTH CERAMIC COAT 19MM	1	24
96	Therapy Bed	3 FOLDED BED,LEG ARE NEED IN A STAINLESS STEEL, WITH STORAGE RACK	6	24
97	Facial Trolley	white colour	6	24
98	Manicure Trolley with bowls	Stainless steel Bowls 18cm, with two rack below	6	24
99	Pedicure chair	Sofa recliner Type with tub	2	24
100	Paraffin wax Heater	Black colour with bowl and dryer holder	2	24
101	Plastic chair	Without arm rest	40	24
102	Wash basin	Black fibre hair wash basin	1	24
103	Pedicure stool	10 inch height	40	24
104	Floor mat	Nylon mat	10	24
105	Dustbin	plastic	20	24
106	Eyebrow scissors	Stainless steel small size	40	24
107	Wet scrapper	steel blade with plastic handle	20	24
108	Dry scrapper	wood	20	24

Sl. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
109	Pumice stone	with rope, oval shaped	30	24
110	ECG GEL	500 ml	2	24
111	GALVANIC MACHINE	Digital Galvanic Machine	1	24
112	ULTRASONIC MACHIN	Professional Range	1	24
113	HIGH FREQUENNCY	The probe with Neon & Argon Gas	1	24
114	Gold gel	cooling gel	2	24
115	GLYCERINE SOAP	Soap Bar	10	24
116	SINGLE BED SHEET	Elephant Gray Colour	12	24
117	MEDIUM TOWEL	Turkey Towel size 60*100 cm	40	24
118	SMALL TOWEL	20*30 Cm	20	24
119	BINDI BOOK	Multi colour and stone	5	24
120	RING LIGHT	White and yellow	1	24
121	HAIR ACCESSORIES	False Hair (2) Kunjam , Artifical Flowers (20 Veni , Some Loose Flowers , Beads, Needle , Black Thread, Donut(2), Buff	1	24
122	ACRYLIC COLOUR	12 Colour with Brush (Rangila Colours)	5	24
123	MIXING PLATE, SPATULA	Make up Mixing Plate Spatula (Stainless Steel)	2	24
124	BEAUTY BLENDER	Make Up Sponge, Soft Oval Shaped	10	24
125	MAKEUP BRUSH CLEANING MATE	EGG SHAPE MAKE UP BRUSH CLEANING MATE	2	24

Annexure - XVIII**TRADE NO.5 - FOOD PROCESSING****Class: 11th and 12th****Job Role: JAM, JELLY,& KETCHUP PROCESSING TECHNICIAN**

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Stainless Steel Plate	Stainless Steel 22 Gauge Lazer Design Dinner Plates [12 inch dia]	8	8
2	Katories	Stainless Steel 150ml size Round MEDIUM SIZE	40	8
3	Hindalium Kadai with lid	Hindalium kadai dia 8.5*3 Inches [depth] size MEDIUM SIZE	8	8
4	Cutting board	Size 23cm lenth*33 cm height white colour - 4 nos, Green colour - 4 nos Plastic material	8	8
5	Hindalium saucepan with lid	Indolium Saucepan, Capacity 1.5 Litre, with lid and handle	4	8
6	Gas Stove	.1, Gas stove -4 nos 60.5 x 32.5 x 13 Centimeter 4*2500=10000. 2. Induction stove size required 36*27* inches - 4 nos 4* 2300=9200	8	8
7	Stainless steel tumbler	SS TUMBLERS capacity 60 ml	8	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
8	Ladles set of 6 (S.S) (Fry, Soup and Flat)	1. SS FRY [PERFERATED] LADDLES -6 nos, 2. SS soup laddles- 6 NOS, 3. SS FLAT LADDLES - 6 NOS	18	8
9	Measuring cups(set)	SS measuring cups 4 assorted size in one [250 ml, 125 ml, 80 ml, 60ml,]	6	8
10	Measuring spoons(set)	Stainless Steel assorted measuring spoons 4 in 1 [1/4 tsp,1/2 tsp, 1 tsp and 1 table spoon]	6	8
11	Tongs	SS TONGS SIZE 27 CM ** 1 CM *1 CM	6	8
12	Vessel for boiling	Material: Stainless Steel COOKING VESSEL CAPACITY 4 LTRS DIMENSIONS 24 CM *24CM *12 [L*,B *H] WITH SS LIDS	6	8
13	Teaspoons	STAINLESS STEEL tea spoon	24 nos	8
14	Stainless steel strainer	Stainless Steel conical strainers medium size [depth 9.5 inches*9 inch dia handle size 9 inch] heavy duty	4	8
15	Colander (SS)	Stainless Steel colander size 26cm* 26 * 11 cm [l*w*h]	4	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
16	Basin(S.S)	SS basin medium size Dia 30 cm height 10 cm 22 guage	6	8
17	Basin (S.S)	stain less steel small size dia 24 cm H 10 cm, 22 guage	6	8
18	Egg slicer	Material Stainless Steel dimension 10 * 8 *5 cm [l*w*h]	1	8
19	Grater(Mandaline)	S.S mandalin grater medium size with handle with 4 side assorted grater provision	2	8
20	Whisker(SS)	SS Baloon type , MEDIUM SIZE	4	8
21	Juicer	SS 230 v Centri fugal juicer capacity 1.5 ltrs Dia 450 *230*302 mm weight 3.15 kg with 2 Jars	1	8
22	Peeler	Plastic handles with Stainless steel	8	8
23	Knives(Set)(Fruit/Chef)	Chef knife SS -8 inches with handle Fruit knife ss- 5 inches with handle	8	8
24	Scissors	Stainless steel Scissors with plastic handle medium size	4	8
25	Pressure cooker	stainless steel 5 LTRS capacity,	4	8
26	Fork Set(Dinner,Salad, Fish,Desert)	SS.dessert fork - 7 inches SS.salad fork- 6 inches SS.Dinner forks -9 inch	6	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
27	Knifeset(Dinner,Steak,Desert,Fruit, Fish)	SS. dinner knife - 9 INCHES SS. Steak knife - 9 inch SS dessert knife- 8 inc SS Fruit fnife - 8 inches , SS Fish knives - 8 inches	6	8
28	Spoons(Meal,all purpose,Soup,Desert,Sundae)	SS. - 9 INCHES SS. Steak - 9 inch SS dessert - 8 inc SS Fruit - 8 inches , SS Fish - 8 inches	6	8
29	Melamine dinner set	Melamine Dinner consist of 32 pieces, [6 dinner plates, 6 quarter plates, 12 veg bowls, 2 serving bowls wiyh lid, 3 serving spoons, 1 rice plate]	1	8
30	Flower vase(Tall,Shallow,Flat)	20-inch stems (51 centimeters), 13 inches (33 centimeters) height	1	8
31	Vessel drainer	stainless steel dia 54*42 *18 cms [1* w* h] heavy duty rust proof	3	8
32	Stabilizer for fridge	Stabilizers capacity 4 amp, working range input 130 Vac - 290 vac	1	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
33	Refrigerator(double door)	420 ltrs convertable freezer, double door, 3 star power rating, dimensions 73.4 *83.5*178.7 cm [l*w*h] with stand.	1	8
34	Microwave oven	23 ltrs,solo type, LED display, Power output 800 w ,AC 230V, 50 HZ, power consumption 1150 W Dimensions 48,9*27.5*37.4 cm.[w* h *d] weight 12 kg	1	8
35	Exhaust Fan	medium size 38.5 * 38.5,*14 [L**W*H] 63 W	4	8
36	Steel Almirah	28*36*70 size, 5 rack stand	2	8
37	Mixie	75 0 W voltage 240 v, 3 speed motor with 4 types of jar SS, ABS body, cord material 180cm,	1	8
38	Packing machine	Aluminum, weight 2200 gms , L- 320 mm, W- 85mm, seler length 200 mm seal thickness 1.86 mm W 190.	1	8
39	Student Working Table SS	SS Working table 18 guage, size 45*26*34 [L*B*H]	2	8
40	Hand mixer	300 w power, 5 speed turbo,2 pair of strip beaters, dough hook,	2	8
41	Table cloth for setting cover	6- to 8-inch drop from the edge, cotton fabric	2	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
42	Table mats	12 inches wide by 18 inches long or 30 by 45 centimeters Square: 13 X 13,,, cotton material thick baize cloth	4	8
43	Napkins for table setting matching the cover cloth	sizes: 16 inches by 16 inches, 18 inches by 18 inches, 20 inches by 20 inches and 21 inches by 21 inches ,, cotton fabric	8	8
44	Jug with Tumblers(Glass)	1.5 ltrs capacity jug SS, . Water goublet 8 oz glass 2nos.	1	8
45	Chapathi board with rolling pin	marble chappati board with rolling pin 23 cm dia, h 2.5 cm ,	2	8
46	Cruet Set (Salt and Pepper)	stainless steel , 2 pieces [9*9* 20] provision for salt and pepper	1	8
47	Tray set(Stainless steel)	Stainless steel , SS rectangle TRAY,29.5 *18*5 CM	2	8
48	Measuring Jar	plastic measuring jar 1 litter capacity	1	8
49	Seive	Seive ATTA, Seive maida	2	8
50	Freezer storage box	Tupper ware 29 * 17* 15	1	8
51	Refrigerator Food Crisper Box set	Plastic refrigerator food crisper box dia [l*w*h] 29*14*15 cm	4	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
52	1kg Stainless steel containers	1 kg stainless steel vessel with lid , for storing dry item	6	8
53	1/2 Kg stainless steel containers	500 ml SS	6	8
54	Plastic containers(Set of 15)	500ml plastic container with lid set of 15 pieces	1	8
55	Hot cases	Stainless steel food storage box,, 1.5 ltrs	3	8
56	Dustbins Without lid	plastic 5 ltr capacity heavy duty dust bin with handle	6	8
57	Broom	Hard -2 , soft -2	4	8
58	Dust pan	plastic dust pan with handle	1	8
59	Plastic bucket	20 ltrs capacity plastic	2	8
60	First aid box	first aid kits	1	8
61	Gas Lighter	45 *3* 3 SS Gas lighter	1	8
62	Oil can	1 ltr capacity plastic material	1	8
63	Digital timer	digital display clock	1	8
64	Wall clock		1	8
65	Oven gloves	Heat proof	1	8
66	PlasticHand gloves(For 1 year)	free size. 90 nos	1	8
67	Disposable caps(for 1 year)	free size, 50 nos	1	8
68	Napkins for cleaning(for 1 year)	30 X 60 cm cotton cloth	8	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
69	Candle(for 1 year)		1	8
70	Dustbin bags (for 1 year)	BLACK COLOUR WASTAGE REMOVED COVER	4	8
71	Aluminium Foil (for 1 year)	16MM SILVER PAPER Roll,, set of 3	1	8
72	Sink with drain board	Stainless Steel · Size: 45 X 20 X 9 Inches	2	8
73	Aprons	Cotton cloth and checked back side and nick	40	8
74	Food Pyramid Chart		1	8
75	Fire Extinguisher (CO2)	ABC also , 2KG Capacity	1	8
76	Notice board with cover	Alumin frame and red colour cloth and glass door,, 4 ft * 3ft size	1	8
77	Test Tube	Glass type 10 ml capacity	40	8
78	Test Tube holder	handle wooden,SS clip	8	8
79	Con. HCl (Bottle)	Glass type 500 ML	1	8
80	Beaker	glass and plastic, 100ml,250ml,1000mL 1 each	1	8
81	Dropper	Plastic type 5ml,10,ml,	2	8
82	Lactometer	GLASS type	1	8
83	Digital Measuring Scale	DIGITAL SCALE , 10 kg capacity	1	8
84	Cooking Thermometer		1	8
85	Jelly Mould	DESIRED SHAPES 8- 10 GM Each, Silicon mould	8	8
86	Jam bottles	GLASS material 500 ml. capacity	8	8

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
87	Ketchup bottles	250ML,500ML , high quality plastic	8	8
88	100 Refreshing Juices Mallika Badrinath		1	8
89	Thermometer digital	needle SS and top also	2	8
90	LPG Gas cylinder	commercial LPG Cylinder 16 kg capacity for consumables.	2	8
91	Food processor	800 w, L*W*H [23.4*21*40.2 CM] Weight 3kg. bowl capacity 1.4 ltrs no of speed 2	1	8
92	OTG	44.2 * 40.8*61 [W*H*D] 48 Ltrs OTG	1	8
93	Insect killer machine	,LXWXH=49X5.5x27 cm WEIGHT 1.58 Kgms	1	8
94	Demonstrator table	SS Working table 18 guage, size 45*26*34 [L*B*H] with 1 inch thickness of marble top	1	8
95	TRAY , MOULDS	600 gms bread mould, trays, cake moulds	10 nos	8
96	Rolling bin white colour	22 inches, Polypropylene material	2nos	8

Annexure – XIX**TRADE NO.6 – HEALTHCARE****Class: 11th and 12th****Job Role: General Duty Assistant**

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Ambu Mask (Adult)	1600ml. self-inflating double ended silicone bag with mounts incorporating Reservoir valve and side feed oxygen inlet.	1	11
2	Ambu Mask(Pediatric)	1600ml. self-inflating double ended silicone bag with mounts incorporating Reservoir valve and side feed oxygen inlet.	1	11
2	AEd Trainer With (Adult/Pediatric) Pad	Vermed Physio-Control Multifunction Defibrillator	1	11
3	Oxygen Cylinder	Portable Oxygen Cylinder with key, humidifier , regulator and trolley	1	11
4	Hospital Bed	Strong tubular mild steel material framework, trolley type based with manually adjustable height with siderails	3	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
5	Bedside Locker	• 760mm L X 360mm W X 750 mm H • Square & rectangular tube frame • SS top • Trolley mounted on 50 mmdia wheels • pre-treated & powder coated Made of square / rectangular tube frame as well as stainless steel top and trolley mounted famish on 50 mmdia wheels ISI / CE certification	3	11
6	Folding screen	blue/green folding patient bed side screen with wheels	2	11
6	Cardiac Table	Over bed table (Cardiac Table) Table Top Height Adjustable • Frame: Tubular mild steel. • Finishing: Epoxy powder coated, chrome plated Adjustable	3	11
7	Mattress	Alternating Pressure Mattress System with Adjustable Pump The OTICA alternating pressure mattress was designed specifically to provide relief from bed sores and ulcers caused from prolonged bed rest.	3	11
8	Bed Sheet, Pillow, Pillow Cover	Made from Cotton. Size approx. : 145 x 225 cm.	3	11
9	Blanket	Pure Woollen Hosiery Blanket Single Bed	1	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
10	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	1	11
11	Walker	Aluminium product Dimension: 68x40x70 cm	2	11
12	Crutch	Standard OEM product	2	11
13	Table (3 Ft By 6 Ft)	made of wooden for demonstration	1	11
14	Cupboard	steel or wooden cupboard to store the equipments and consumables	1	11
15	Stretcher	Should be light, safe and reliable, made of aluminium alloy and hold for the same, easy to lock and unlock Features Product dimensions: 192 x 43 x 8cm Net weight: 9kg Stretcher bearing: 120kg	1	11
16	Cane	360 degree ANTI-SLIP pivoting base provides easy walk on all terrain. The support weight is up to 100 kg, 5 levels adjustable height from 34 inch to 39 inch in 1 inch increment. This Walking Stick Provides Additional Support For People With Arthritic / Painful Hands When Walking Indoors And Outdoors.	2	11
17	Back Rest	• Angle adjustable • Foldable for easy storage	1	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
18	Foot Rest	Overall approx. step size: 505L x 305W x 230H mm. 800 • Frame made of 1" x 18G CRC tubes fitted with PVC stumps. • Pre-treated & Epoxy powder coated.	1	11
19	Steel Basin (Large)	Stainless Steel Kitchen Sink (16 X 18 X 8 inches, Silver)	1	11
20	Bed Pan		1	11
21	Urinal (Male&female)	Polypropylene male and female urinal with anti odor cap	2	11
22	Air Cushion	product made with hypo allergenic and medical grade material	2	11
23	Sand Bag	Standard OEM product	1	11
24	Weighing Machine	Standard OEM with ISI / CE Certification	1	11
25	Steel Tray (Large)	steel tray with lid	2	11
26	Steel Tray (Medium)		2	11
27	Artery Forcep	curved and straight forceps	4	11
28	Dissecting Forcep	stainless steel toothed and non-toothed	4	11
29	Scissor	stainless steel, sharp and sraight for medical use	2	11
30	Nail Cutter & Filer		5	11
31	Splint (Large)	Malleable splints, made of aluminium alloy, can be strapped, X Ray compatible, Easy to fix	2	11
32	Splint (Medium)	Malleable splints, made of aluminium alloy, can be strapped, X Ray compatible, Easy to fix	2	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
33	Splint (Small)	Malleable splints, made of aluminium alloy, can be strapped, X Ray compatible, Easy to fix	2	11
34	Cervical Collar (Large)	Standard OEM with ISI / CE Certification	1	11
35	Cervical Collar (Medium)	Standard OEM with ISI / CE Certification	1	11
36	Cervical Collar (Small)	Standard OEM with ISI / CE Certification	1	11
37	Spine Board	Standard Product •Tapering from approx. 18" to 14" from head end to foot end. 74.2" long x 3.2" high at height of concave patient surface. • Internal padding - non-absorbent, contoured, bevelled edges, adhesive backed, easy for sanitizing and re-applying. 65" x 11.375" x 6mm.	1	11
38	Steel Plate	standard product.	4	11
39	Steel Glass	standard product	4	11
40	Steel Bowl	2-3 cm, 4-10 cm, 16 cm	4	11
41	Spoon	standard product	2	11
42	Steel Jug	steel product:1L	1	11
43	Bath Tub	Standard product large & small	2	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
44	Kidney Tray	<ul style="list-style-type: none"> • 22" diameter chrome plated heavy bar steel base • Lock to ensure secured height positioning • Two-hook ram's horn with secure-grip tips • Based on a four leg stand • Height adjustment from 51 1/2" to 93" • Bottom pole diameter is 1", Upper pole diameter is 0.75" 	4	11
45	IV Stand	Standard product non breakable with adjustable hose stand	2	11
46	Measuring Glass	5ml,15ml,30 ml, 500ml	4	11
47	Measuring Tape	Standard product	4	11
48	Goggles	personal protective equipment	4	11
49	Suction Apparatus	A/c power with collection capacity of 200 ml with 20 litres per minute flow rate. Backup for 20 min. provision with manual operation in case of any power failure	1	11
50	syringe destroyer cum needle cutter	Needle burner	1	11
51	Thermometer	(Mercury-2 and digital-2)	4	11
52	Syringe 50 Cc/MI	Syringe without needle for feeding	3	11
53	B.P. Monitoring Machine	Sphygmomanometer to measure the blood pressure (Manual-1 and digital-1)	2	11
54	Hot Water Bottle	Rubberised with cover	2	11
55	Ice Caps	as per standard	2	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
56	Transfer Forceps (cheatle forceps)	as per standard	2	11
57	Dressing trolley	as per standard	1	11
58	Dressing Kit	as per standard	1	11
59	Dressing Scissor	as per standard	2	11
60	Folley Catheter	as per standard	2	11
61	Ryle's Tube	as per standard	2	11
62	Vaccutanour (Red/Black/Violet)	as per standard	2	11
63	Tourniquet	as per standard	2	11
64	Examination Table	as per standard	1	11
65	Call Bell	as per standard	1	11
66	Rubber Sheet/Mackintossh	as per standard	3	11
67	Draw Sheet	as per standard	3	11
68	Bandage	as per standard	1	11
69	Suction Catheter(Variied Sizes)	as per standard	2	11
70	Bulb Syringe	as per standard	2	11
71	Oxygen Mask	Face mask with 2 m Long Star Multi Channel Tube	2	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
72	Stethoscope	Double sided aluminium chest piece with matt anodising. It is precisely machined for enhanced performance & durability. It features dual tunable diaphragms with brass chrome plated rings. The larger diaphragm is used for adult patients whereas the smaller diaphragm is used for paediatric patients.	2	11
73	Towel	Cotton-Variied sizes	2	11
74	Gown	Disposable, stretchable, polypropylene material	3	11
75	Gloves (Disposable) - Packet	as per standard	1 box	11
76	Liquid Soap Bottle	as per standard	4	11
77	Mask - Packet	as per standard	1 box	11
78	Shoe Cover - Packet	disposable, stretchable, polypropylene material	1 box	11
79	Hair Cap - Packet	as per standard	1 box	11
80	Sponge Cloth	as per standard	2	11
81	Wet Wipes - Packet	as per standard	1	11
82	Comb	as per standard	2	11
83	Tooth Brush	as per standard	2	11
84	Toothpaste	as per standard	2	11
85	Hair Oil	as per standard	2	11
86	Shampoo Bottle	as per standard	2	11
87	Bath Soap	as per standard	5	11
88	Talcum Powder	as per standard	2	11
89	Different Colour Plastic Bags With Dustbins (Red)	as per standard	1	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
90	Different Colour Plastic Bags With Dustbins (Blue)	as per standard	1	11
91	Different Colour Plastic Bags With Dustbins (Black)	as per standard	1	11
92	Different Colour Plastic Bags With Dustbins (Yellow)	as per standard	1	11
93	Uro bags	T tap type 2000 millilitre	3	11
94	Sample Collection Bottle	as per standard	3	11
95	Gauze Piece (4X4)	as per standard	3	11
96	Betadine Solution Bottle	Germicide gargle	3	11
97	Cotton Rolls	as per standard	2	11
98	Cotton Absorbent	Supper cotton	2	11
99	Normal Saline Bottle	as per standard	2	11
100	Micro pore	9.14 meter (Length On A Roll) Without Dispenser Surgical Tapes	3	11
101	Spatula	To collect pep smear, cytology specimen.	3	11
102	Hydrogen Peroxide Bottle	Stabilized Hydrogen Peroxide	2	11
103	Cleaning Solution (Colin)	as per standard	2	11
104	Extension Cord	with 4 sockets	1	11
105	Megaphone	as per standard	2	11
106	Fire Extinguisher	2 kg ABC Powder Type	1	11
107	Alcohol Based Hand Sanitizer	HERBAL, ALCOHOL-5L	1	11

S. No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
108	N-95 Mask	Capelo with exhalation valve	5	11
109	Rubber Gloves	Latex - water proof - hand gloves -Pairs	1box	11
110	Unbranded Steel tool box	for basic tools	1	11
111	Temperature gun	Non-Contact Digital Infrared Thermometer	1	11
112	Manikin (Male & Female)	Standard OEM with ISI / CE certification	1	11
113	Oximeter	Finger Tip Pulse Oximeter with SpO2, Perfusion Index and Pulse Rate readings, OLEDs Display	2	11
114	Spirometer	3 balls respiratory exerciser	1	11
115	Patient dress	both Male and female	1	11
116	CPR Manikin	Training Manikin with resusciator bag and pocket mask which is used for basic life support	1	11
117	Stop watch	Royals digital stopwatch timer	1	11
118	First aid kit	box contains of cotton, gauze piece, gloves, bandages, syringe, hand sanitizer, safety pins, scissors, mask, gloves	2	11

Annexure – XX**TRADE NO.7 - TELECOM****Class: 11th and 12th****Job Role: OPTICAL FIBER TECHNICIAN**

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Visual Fault Locator	Wavelength - 650 nm Test Range - 5 to 15Kms	5	3
2	Traingular Prism	Size: 5cm x 5cm x 5cm Materia: Pure Glass	5	3
3	Polyurithine Jelly Filled (PIJF) UG Telecom Cable	Capacity: 5 pair cable Core Material: Copper Core Diameter: 0.5mm Length : 2 Meters	2	3
4	Cat-5 UTP Cable	0.5 mm copper core suitable for outdoor laying	50	3
5	Cat-6 UTP Cable	Type: Network Standard Connector : RJ 45 No. of Pairs: 4 Core Material: copper Core Dia : 0.6 mm Suitable for outdoor laying also Length of Cable: 50 Mts	50	3
6	Drop Wire	Type: Telecom Standard Connector : RJ 11 No. of Pairs: 1 Core Material: copper Core Dia : 0.5 mm Suitable for outdoor laying also Length of Cable: 2 Mts	2	3
7	Co-axial Cable	Type: Cable TV / Network Standard Connector : BNC Core Material: copper Core Dia : 1 mm Suitable for outdoor laying also Length of Cable: 25 Mts	2	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
8	Optical Fiber Cable	No. of Fiber: One Mode: Single Index: Step Type: Drop cable Length: 5 Mts 1F Single mode Usage: Indoor / Outdoor	2	3
9	Optical Fiber Cable	No. of Fiber: Two Mode: Single Index: Step Type: Drop cable Length: 5 Mts Usage: Indoor / Outdoor	2	3
10	4F Optical Fiber Cable	No. of Fiber: Four Mode: Single Index: Step Type: Drop cable Length: 5 Mts Usage: Indoor / Outdoor	2	3
11	Optical Fiber Cable	No. of Fiber: Six Mode: Single Index: Step Type: Drop cable Length: 5 Mts Type: Loose Tube	2	3
12	LED (Optical Source)	Wavelength: 650 nm Colour : Visible light Input Voltage: 3.3 Volts Type of Voltage: DC	10	3
13	LASER Diode (LASER Diode)	Wavelength:850nm Output: -11dB Range: 2 Kms	2	3
14	CMOS Battery	3.3 Volts DC	10	3
15	Optical Power meter	wavelength: 850/1310/1490/1550 nm	2	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
16	Combination plier	Material Carbon Steel Item Dimensions LxWxH 17.5 x 6 x 2 Centimeters	2	3
17	Screw driver set	Six blades screwdriver set with extension Material Alloy Steel Item Dimensions LxWxH 13.8 x 5.5 x 2.8 Centimeters	2	3
18	Spanner Set	Material: Drop Forged Steel Sizes standard: 6 to32	2	3
19	Cable Cutter	Material Carbon Steel Item Dimensions LxWxH 17.5 x 6 x 2 Centimeters	2	3
20	Scissors	5 inch carbon steel	2	3
21	Cable cutting Knife	metal grip Width: 0.5 Inches Type: Adjusting Cutting Blades	2	3
22	3 IN One OFC stripper	Material: S50C Hardness: 48±2 Brand Number: 8PK-326 Type: Combination Pliers	2	3
23	Insulation tape	Material: Plastic Tape Width: 1.5 inches	5	3
24	Duct tape	Material: Semi Hardened Plastic Width: 24mm	2	3
25	Safety goggles	Type: Anti Fog Material: Plastic Colour : Transparent	2	3
26	IPA solution	Iso propyl alcohol 500 ml suitable for Optical fibre cleaning	2	3
27	Waste cotton clothes	for cleaning the optical cable and making ready for joint 100 per kg	2	3
28	Hammer	Weight: 0.25 Kg Handle: Wooden	2	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
29	Wrench	Material: carbon Steel Dimensions LxWxH : 15.5 x 4.6 x 0.6 Cms Size: Adjustable from 6 to 20	1	3
30	Optical Connectorrs	Ferrule Connector Lucent Connector Square Connector E2000 (Each 5 nos)	20	3
31	Splicing machine	Active V-groove fibre alignment Fast Splicing time 6Sec. 200 splice cycles / tube heating cycles per full battery charge USB communication for PC connection. Fiber type Single mode optical fiber Multi mode optical fiber Fiber count Up to 16 fiber ribbon Cladding dia. Approx. 125µm Applicable coating Fiber setting plate AD-10-M24 : Max. 900µm coating diameter AD-50 : Max. 3mm coating diameter Fiber holder Coating shape. : Refer to splicer options Cleave length Fiber setting plate AD-10-M24 : 5 to 20mm *1 AD-50 *C.D. : coating diameter C.D. = 250µm or less : 5 to 20mm *1 250µm < C.D. < =900µm : 10 to 20mm 900µm < C.D. < =3mm : 14 to 20mm Fiber holder Approx. 10mm Cleave angle *2 Single fiber Avg. 0.3 to 0.9 degrees Fiber ribbon Avg. 0.3 to 1.2 degrees Blade life *3 Approx. 60000 fiber cleaves	1	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
		Physical description Dimensions W Approx. 117mm without projection *4 Dimensions D Approx. 94mm without projection *4 Dimensions H Approx. 59mm without projection *4 Weight Approx. 306g including battery and AD-10-M24 Environmental condition Temperature Operate : -10 to 50 degreeC Storage : -40 to 80 degreeC Humidity Operate : 0 to 95%RH non-condensing Storage : 0 to 95%RH non-condensing Battery 2 pieces of LR03, AAA dry battery		
32	Attenuators	Square Connector / Lucent Connector (2 db/5 db/ 10 db)	5	3
33	Variable attenuator	SC / LC (0 to 30 dB) Wide attenuation range 0dB to 30dB Low insertion loss and PDL High return Loss	1	3
34	Safety helmet	Standard : Blue / Yellow Medium Size	2	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
35	First aid box	plasters in a variety of different sizes and shapes small, medium and large sterile gauze dressings at least 2 sterile eye dressings triangular bandages crêpe rolled bandages safety pins disposable sterile gloves tweezers scissors alcohol-free cleansing wipes sticky tape thermometer (preferably digital) skin rash cream, such as hydrocortisone or calendula cream or spray to relieve insect bites and stings antiseptic cream painkillers such as paracetamol (or infant paracetamol for children), aspirin (not to be given to children under 16), or ibuprofen	2	3
36	Rodometer	kick stand, 12" rubber 2.28kg	1	3
37	Route Diagram	100 GSM with A4 20 page Note	2	3
38	Source meter	850/ 1310/ 1490/ 1550 nm with changable connector port	2	3
39	Power Drilling machine with Hammer	Speed 1500 RPM Max. Drilling Ø Concrete – 22 mm; Max. Drilling Ø steel - 13 mm; Max. Drilling Ø wood – 30 mm	1	3
40	Multimeter	Safety Class: I CAT II 600V Waterproof: IP20 Fuse: F1: F250mA or 250V, F2: F 10A or 250V Power: 9V battery =, NEDA 1604 or 6F22 Maximum display value: 1999	2	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
41	A/C contact less tester	AC 90~1000V Battery operated Water proof Recommended Standard	2	3
42	A/C tester	Suitable for checking at minimum 90 DC and 60 AC voltage and maximum upto 500 Volt AC	2	3
43	FTTH ONT	With WiFi (Customer Premises Equipment (CPE) dual band) Suitable for Residential also for Small Offices	2	3
44	PON Splitter (Passive Optical Network Splitter)	1x2, 1x4 with square connector suitable for FTTH	4	3
45	RF Modem	2.4/ 5 GHZ RF modem 23 dbm	2	3
46	Media convertor with DC adapter	SFP Changable SFP 850/1310 nm Minimum 2KM along with DC adapter	2	3
47	CCTV camera	720 P WIFI compatible IP camera with SD card	2	3
48	Protective Sleeve	OF joint sleeve (100 nos in pack) Thermo shrink sleeves suitable for single core fibre	1	3
49	Optical Joint Closure kit	Suitable for 4F to 12 F joint 25 x 16 x 3.5 Centimeters Weight 0.05 Kilograms	5	3
50	Optical Joint closure kit	Cable Port Quantity 6 Cable Sealing Type Heat Shrink Closure Sealing Type Dome-to-base clamp with O-ring Closure Style Single-ended Diameter 240 mm Diameter With Clamp 260 mm Environmental Space Below ground, Buried Material Type Impact-resistant polymer Max Main Cable Diameter 25.00 mm	4	3

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
51	OTDR	<p>With OFM and VFL</p> <ul style="list-style-type: none"> › Extensive range of connectors › Auto-lambda and auto-switching › Offers measurement storage and reporting <p>Output power (dBm) b -11.5 Calibrated wavelengths (nm) 850, 1300, 1310, 1490, 1550, 1625, 1650 Power range (dBm) d 27 to -50 Uncertainty (%) e $\pm 5\% \pm 10$ nW Display resolution (dB) 0.01 = max to -40 dBm 0.1 = -40 dBm to -50 dBm Automatic offset nulling range d, f Max power to -30 dBm Tone detection (Hz) 270/330/1000/2000 Batteries Rechargeable lithium-polymer battery 12 hours of operation as per Telcordia (Bellcore) TR-NWT-001138 Power supply Power supply AC/DC adapter, input 100-240 VAC, 50-60 Hz, 9-16 V DCIN 15 Watts minimum</p>	1	3

Annexure – XXI**TRADE NO.8 - BANKING, FINANCIAL SERVICES
& INSURANCE (BFSI)****Class: 11th and 12th****Job Role: Business Correspondent**

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Projector	Branded i9 Pro-Max Full HD 1080p Modulated at 720p Base 2600 L (270 ANSI) with 150 " (3.8 m) Large Display LED Projector VGA , AV, HDMI , SD Card , USB, Audio Out Connectivity (E03i31) (White)	1	1
2	Deskop	Branded Slim Desktop Computer (Intel Core i3-4130 /4GB RAM / 500GB HDD/WiFi Ready 19" HD Led Monitor with Keyboard Mouse)	6	1
3	White Board (Screen Size) and Maker	Branded Non Magnetic 4x3 Feet Double Sided White Board and Chalk Board Both Side Writing Boards, one Side White Marker and Reverse Side Chalk Board Surface	1	1
4	WiFi Dongle	Branded 4G LTE Wireless Dongle with All SIM Network Support Plug & Play Data Card Stick with up to 150Mbps WiFi Hotspot 2100mAh Rechargeable Battery SIM Adapter Included (Black)	1	1

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
5	Computer/Cash counter bank Setup - 6 seater	6-seater Manual wooden cash counter/Study desk table with 4 Partition. Detailed specifications attached as annexure - providing counter of size 4 x 2 with one set of 3 Drawer unit & raised counter upto 3.9" height with top of 400mm width of post formed role includes necessary accessories, computer etc.,	1	1
6	Office chair	Heavy Duty Plastic Chair Gloss Finish 100% Virgin Material Chair Best for Office Load Bearing Capacity Upto 200 Kg	6	1
7	Handy Document Scanner	Portable Scanner iSCAN 900 DPI A4 Document Scanner Handheld for Business, Photo, Picture, Receipts, Books, JPG/PDF Format Selection, Micro SD Card Hand Scanner with USB cable	1	1
8	Finger printer Scanner	MORPHO UBS CABLE USB FOR MORPHO MSO 1300-E,E2,E3 FINGERPRINT DEVICE 1.5M ~ with USB cable	1	1
9	Cleaning Kit	Screen Cleaner Kit 500 ml for LED/LCD TV/Computer Monitor with 5no.s of cleaning cloth	1	1
10	Tally Software	Basics (Billing, Inventory and Accounting Software)	6	1

Annexure (a)

Laboratory Infrastructure Setup – Requirement	
Trade	Banking, Financial Services & Insurance (BFSI)
Job Role	Business Correspondent

Equipment: Computer/Cash counter bank Setup - 6-seater

Description:

6-seater Manual wooden cash counter/Study desk table with 4 Partition. Detailed specifications attached as annexure - providing counter of size 4 x 2 with one set of 3 Drawer unit & raised counter upto 3.9" height with top of 400mm width of post formed role includes necessary accessories, computer etc.,



Image (i) Sample image of the counter setup

Annexure (b)

Image (ii) Sample image of the counter setup

Annexure - XXII**TRADE NO.9 - ELECTRONICS & HARDWARE****Class: 11th and 12th****Job Role: Field Technician - Computing & Peripherals**

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Resistor	(1/2) watt - 100, 220, 330,470,1k, 10k, 4.7k, 47k, 100k,220k,470k,1M each 3 nos	36	3
2		(1/8) watt - 100, 220, 330,470,1k, 10k, 4.7k, 47k, 100k,220k,470k,1M each 3 nos	36	3
3	Variable resistor 5W, Potentio meter	Model Number - 50K ohm Single PACK OF 10 Potentiometer Type - Motor Control ROHS Complaint - Yes Material - Aluminium Dimensions: Width : 0.66 cm Height : 0.95 cm Weight : 0.2	10	3
4	Capacitor	1, 10, 22, 100, 470, 1000 micro-farad each 5) Type - Electronic Components ROHS Complaint - No Material - Plastic	30	3
5	Transformer	12-0-12V 500mA Center Tapped Step Down Transformer	2	3
6	Diode	Model Number - 100 Pics 1N4007 Diode Type - Electronic Components ROHS Complaint - Yes Material - Silicone Dimensions Width - 5 cm Height - 0.3 cm Weight - 80	50	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
7	Transistor	Model Number - BC 547 B Type - NPN Package Type - TO-92 Plastic Package Power Consumption - 0.5 mW Maximum Collector Current - 100 mA Maximum Collector Emitter Voltage - 45 V Mount Type - Through Hole(TO-92) DC Current Gain - 330 Maximum Operating Frequency - 100 MHz Number of Pins- 3 Dimensions Width - 0.7 mm Length - 2.7 cm Depth - 0.7 cm	20	3
8	LED	Item Height - 1.43 Centimeters Item Width - 15 Centimeters Product Dimensions - 17.8 x 15 x 1.43 cm; 43 Grams Item model number - H&PC-59042 Voltage - 3 Volts	30	3
9	Logic Gates	Model Number - 5Pcs Logic Gate,74LS00,74LS02,74LS04,74LS08,74LS32,74LS86,74LS266, 2 Input, 8 mA, 4.75 V to 5.25 V, DIP-14 Type - Automotive ROHS Complaint - No Material - Plastic Dimensions Width - 1.5 cm Height - 1 cm Weight - 50	35	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
10	UPS	Over Load Protection - Yes Input Voltage - 140 V Input Frequency - 50 Hz \pm 10% Output Voltage - 230 V Output Frequency - 50 Hz \pm 1 Hz Output Power Wattage - 360 W Efficiency - 95 % Output Waveform - Modified Sinewave Transfer Time - 4 ms Number of Outlet Plugs - 3 Digital Display -No Emergency Power Off - Yes Low Battery Indicator - Yes Width - 10 cm Height - 14.3 cm Depth - 28.1 cm Weight - 4.46 kg Battery Type - SMF Number of Batteries - 1 Battery Voltage - 12 V Battery Capacity - 7Ah	2	3
11	Soldering iron	1 set 25W Soldering Iron, Color - Multicolor Type - Not Temperature Controlled 3 in1 25W Soldering Iron Kit Maximum Temperature - 400 degree C Minumim Temperature - 100 degree C Heat Time - 90 sec Handle Type - Heat Resistant Heating Element - Nichrome Heater Handle Type - Heat Resistant Heating Element - Nichrome Heater Power Source - Corded Power Requirement - 100-230 V ~50/60 Hz Power Consumption - 25 W	6	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
12	Lead solder	60/40 Resin Core Solder Wire,22 SWG Maximum Temperature - 200 degree C Tip Material - Tin Power Source - Corded Power Consumption - 25 W Weight - 0.15 kg	6	3
13	Soldering flux	Solder Paste Branded Type - Not Temperature Controlled Model Number - Solder Paste Maximum Temperature - 350 degree C Minumim Temperature - 100 degree C Heat Time - 90 sec Tip Material - Alloy Tip Shape - Flat Power Source • Corded Power Consumption • 25 W	6	3
14	Digital SMD Soldering Station (Soldering Iron + Hot Air Gun)	700W Two in One Digital SMD Rework Station 700 W Temperature Controlled (Round Tip) Power Requirements - 700 W Type - Temperature Controlled 150 - 480 Degree C Tip Shape - Round	1	3
15	CPU	PRODUCT Core i3 (10100) (4 GB DDR4 RAM/Intel UHD Graphics 630 Graphics/1 TB Hard Disk/Windows 10 (64-bit)) Full Tower ,Intel 3.6GHz,Memory Speed-2999MHz,RPM-7200, Storage Interface-SATA	2	3
16	Monitor	PRODUCT 21.5 inch full HD LED Backlit IPS Panel Monitor (Response Time: 5ms 60Hz Refresh Rate), Brightness:250nits,Full HD 1080p,16.7m Colors,	2	3
17	Keyboard	PRODUCT Wired USB Desktop Keyboard(Black)	5	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
18	Mouse	<p>PRODUCT - MS 116 Wired Optical Mouse (USB) General Model Name : MS 116 System Requirements : Windows 8, Windows XP, Windows 10, Windows 7 Compatible Devices : DESKTOP, LAPTOP Color : Black Connectivity And Power Features USB Type USB 4.0</p> <p>Dimensions Cable Length : 1.8 m Warranty Domestic Warranty : 1 Year Warranty Service Type : SERVICE CENTER Covered in Warranty : 1 YEAR WARRANTY</p>	5	3
19	Speaker	PRODUCT-Vita Plus 16W Bluetooth Laptop/Desktop Speaker/Wireless	2	3
20	Pendrive	PRODUCT SDDDC2-064G-I35 64 GB OTG Drive	6	3
21	CD/DVD Writer	PRODUCT Genuine External USB Slim DVD+/-RW 5MMCG Optical Drive External DVD Writer	1	3
22	Dot Board	6 X 4 CM PCB General Purpose Printed Circuit Board, Mini Zero PCB Board	5	3
23	Bread Board	Breadboard + 60 Pieces Jumper Wires Set (M-F, M-M, F-F)	1	3
24	single stand wire	Single core breadboard wires (red, black) Width x Height: 5 mm x 100 mm	2	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
25	Digital Multimeter	1. DC voltage: 200mV/2V/20V/200V ±0.5%+3 600V ±0.8%+5 2. AC voltage: 200V /600V ±1.2%+10 3. DC current: 200µA/2mA /20mA ±1.0%+3 200mA ±1.5%+5 10A ±3.0%+10 4. Resistance: 200Ω ±0.8%+5 2kΩ/20kΩ/200kΩ ±0.8%+2 2MΩ ±1.0%+5 Also the Multimeter should have the following features, 1. Display: 1999 counts with backlight 2. hFE: 1 ~ 1000 3. Diode/continuity test 4. Data hold 5. Fuse Protection 6. Overrange indication 7. Polarity indication	6	3
26	DVD	Model Name - 4.7GB DVD-RW Jewel Case 5 Pack Single Disc Capacity - 4.7 GB Key Features - Capacity: 4.7GB, Speed: 4x, Size - 120mm, Pack Style: Jewel Case (Pack of 5) Write Speed - 4x Sales Package - 5 x Philips DVD-RW 4.7GB Case Type - Jewel Case Type - DVD Rewritable	6	3
27	WINDOWS 10 OS Software	PRODUCT MICROSOFT Windows 10 Professional Lifetime Validity For 1 Pc Professional 32/64 Bit	1	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
28	Screwdriver set	Tip Size - M2.5 · M3 · M3.5 · M4 (2 pieces) · M4.5 · M5 · M5.5 90x precision bit Slit: 1.0 (2 pieces) · 1.5 (2 pieces) · 2.0 (2 pieces) · 2.5 (2 pieces) · 3.0 (2 pieces) · 3.5 (2 pieces) · 4.0 (2 pieces) Phillips: PH000 (2 pieces) · PH00 (2 pieces) · PH0 (2 pieces) · PH1 (2 pieces) · PH2 (2 pieces) Pozidriv: PZ00 (2 pieces) · PZ0 (2 pieces) · PZ1 (2 pieces) · PZ2 (2 pieces) Torx: T3 (2 pieces) · T4 (2 pieces) · T5 (2 pieces) · T6 (2 pieces) · T7 (2 pieces) · T8 (2 pieces) · T9 (2 pieces) · T10 (2 pieces) · T15 (2 pieces) · T20 (2 pieces) Screw: 0.7 · 0.9 · 1.0 · 1.3 (2 pieces) · 3.5 (2 pieces) · 1.5 (3 pieces) · 2.0 (3 pieces) · 2.5 (3 pieces) · 3.0 (3 pieces) · 4.0 (3 pieces) Pentalob: 0.8 (2 pieces) · 1.2 (2 pieces) · 1.5 (2 pieces) · 2.0 (2 pieces) Tri-Wing: 2.0 - 3.0 Spanner: 2.6 (2 pieces) Dreikant: 2.0 - 2.3 - 2.7 - 3.0 mm mm	4	3
29		Screwdriver Kit of 8 Blades with Tester, Flat Tip: 3.25, 4.5, 5 mm, Philips No. - 0, 1, 2, Pocker and Extension Rod	4	3
30	Wire cutter	Model Name - WIRE STRIPING PLIERS6" Type - Wire Cutter Color - Blue Body Material - STEEL Finish - POLISH	6	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
31	Crimping tool	Model Name - 3 in 1 Modular Crimping Tool, Rj45, Rj11 Cat5e/cat6 LAN Cutter Model Number - 3 in 1 Modular Crimping Tool, Rj45, Rj11 Cat5e/cat6 LAN Cutter Type - Manual Color - Green, Yellow Material - High-carbon steel Should be Suitable For - Crimping, Cutting, Stripping Number of Crimping Positions - 3 Designed For - Suitable for network cable with RJ45 Connector and ADSL Cable with RJ11 Connect. Suitable for Cat5 and Cat5e cable with 8P8C, 6P6C and 4P4C plugs For network installations up to 100 Mbps 10Base-T Ethernet and Token Ring.	6	3
32	Laptop	PRODUCT Core i3 7th Gen - (4 GB/1 TB HDD/Windows 10 Home) 14q-cs0014TU Laptop (14 inch, Smoke Grey, 1.55 kg, With MS Office). SSD Capacity 128, RAM 4GB, RAM Type : DDR3, OS Architecture : 64 Bit) HDMI port (1*HDMI Port)(v1.4b)	3	3
33	Tweezers kit	Themisto 5 in 1 Tweezer Set In The Box - 5 tweezers Tweezer Traits Body Features: Stainless Steel	3	3
34	Punch down tool	Model Name - Impact Punch Down Tool Network Wire Cable CAT5E CAT6 RJ45 RJ11 Type - Manual Color - Orange Suitable For Punch down tool network wire punch down cable cat5e cat6 RJ45 RJ11	1	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
35	Computer cleaning kit	Package - Air Blower, Cotton Swabs, SUEDE + PLUSH Micro-Fiber Cloth, Antistatic Cleaning Brush, Antibacterial Cleaning Solution Model Name - Professional 6-IN-1 Cleaning Kit for Cameras and Sensitive Electronics Designed For Computers Additional Features This multipurpose cleaning kit is shoulb able to be used in digital cameras, DSLR, camcorders, filters, lenses, binoculars, LCD, Laptops and other sensitive electronics, etc, Cleans Dirt & Dust,	1	3
36	Blue light cut Eye glass (Spectacle)	Safety Protective Eyewear Anti Fog Waterproof Safety Goggle Eye Protection Glasses Eyeglass for Medical Lab Chemical Wood Work Reusable Laboratory Glass for Men & Women Size - Free-size Color - White Frame Color - Black	3	3
37	First Aid Box	Package Set should include zippered nylon case, Mylar blanket, scissors, plastic tweezers, one pair of latex gloves, two elastic bandages, two surgical pads, one triangular bandage, ten 3-inch adhesive bandages, four iodine prep pads, four alcohol prep pads, two antiseptic wipes, one roll paper tape, and ten cotton balls) Container Type - Box Container Material - Nylon Width - 20 cm Height - 12 cm Depth - 10 cm Weight - 380 g	1	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
38	Fire Extinguisher	Capacity - 9 kg Type - Lug Bracket Color - Red Material - Aluminium Compatible With Flat Bottom Powder Fire Extinguisher Are Ideal For Use On Class A,B And C Fire Risk. Should be ISI Marked.	1	3
39	LAN Adaptor	USB 3.0 to Ethernet RJ45 Gigabit 10/100/1000 Mbps Ethernet Adapter Plug N Play - MAC, Windows, Linux, MacOS Sierra, Android Supported Port Type - RJ-45 Type - Wired Interface - USB Standards - IEEE 802.3, 802.3u, and 802.3ab Should be supported in Windows, Mac & Linux OS Transfer Rate - 1000 Mbps Color - Black	1	3
40	Router	Power Supply: 9 V DC, 0.6 A Operating SystemL Windows: 2000 / XP / Vista, 7, 8, 8.1, 10 or Mac OS or Linux Based Standard IEEE : IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Frequency: 2.4 GHz Frequency Band: Single Band Wireless Speed: 300 Mbps LAN/WAN: 10/100 Mbps Antennae: External Number of LAN ports - 4 Number of WAN ports - 1 Number of USB Ports - 0 Number of Antennae - 2 Encryption: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS Should have the following Security Features • Quality of Service (WMM, Bandwidth Control), DHCP: Server, Client, DHCP Client List, Address Reservation, Parental Control Firewall, DoS, SPI Firewall, IP Address Filter / MAC Address Filter / Domain Filter, IP and MAC	1	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
41	Switch	Model: 8-PORT 10/100 Mbps Desktop Switch Color - White Number of Ethernet ports:8 Speed: 100 Mbps	1	3
42	RJ45 Connector	Model - RJ - 45 plug connector CAT5 CAT5e CAT6 Network LAN crimps lan. boot rom socket - yes color - white range - 100m speed - 100 mbps	100	3
43	RJ45 Port	RJ45 Socket [FeMale] Ethernet Port - Networking Ethernet (LED) RJ45 Jack are used for standard networking cable. Original TE 5-6605417-6	6	3
44	Network interface card	Model - TP-Link TL-WN881ND 300 Mbps Wireless N PCI Express Adapter, PCIe Network Interface Card for Desktop. Hardware Interface - PCI Should Support the following OS - Linux, Windows XP, Windows 10 Item Dimensions LxWxH - 7.8 x 12 x 2.2 Centimeters Data Transfer Rate - 300 Megabits Per Second	1	3
45	Twisted pair cable(shielded)	Type - Ethernet cable cable type - CAT6 Ethernet cable, cable speed - 1000 mbps connector 1 - RJ45, connector 2 - RJ 45, Model - Cat6 Ethernet Bulk Cable Bundle Grey 305 Meter 1000FT - Gigabit Network Internet Cord Copper 23AWG UTP Free 10pcs RJ45 Connectors. cable length - 305 m	1	3
46	Wi-Fi mini USB adapter(dongle)	PRODUCT USB 150WF1 wifi mini USB adapter, speed - 150 Mbps	2	3
47	LAN tester	Model - MX RJ45 network cable tester for lan phone RJ - 45/RJ11/CAT5/CAT6/CAT7 UTP wire test Tool Network Interface card, connector type - Networking, color - Yellow, White	2	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
48	Magnifying glass	Model - Magnifying Glass with 3 Led Light 3X & 45X Big Size Zoom Lenses. Material: Plastic, Glass independent lighting design, 2 LEDs for the large lens and 1 LED for the small one, Lens size: diameter 75 mm x 18 mm/2.9"x0.5" Handle length: approx. 11 cm/4.3" Color: White+ Black	2	3
49	Thermal grease	Thermal Grease Paste Heat Sink Compound Type - Carbon Based Quantity - 10 g Viscosity - 200 Pa-s Thermal Conductivity - 5 W/mK Composition - Aluminium Oxide, Zinc Oxide	1	3
50	Spudger tool	Package:25 x Pry Spudger Opening Tools Model Number: 25 PCs Multi Purpose Opening Pry Spudger Tools Hand Tool Features: Multi type head design to cater most of the repair applications, Universal Compatibility	3	3
51	Hand gloves	Material - Rubber Color - White, Grey Size - XL Type - Reusable Quantity:2 gloves	1	3
52	Antistatic wrist wrap	ESD Safe Anti-Static Static-Free Wristband Wrist Strap Band ESD Discharge Grounding Tool Material:LLpvc ESD Safe Model Number:SE-408 ESD Safe Wrist Band Part Number:SE-408	6	3
53	Needle nose plier	Type - Needle Nose Color - Silver, Blue Handle Material - Plastic Body Material - Metal Dimensions Overall Length: 6.49 inch Weight: 145 g	3	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
54	Flash light	Hi-Watt 2in1 900M Range Long Beam 4 Modes: High, Low, SOS, Table Lmp Waterproof Chargeable LED 60W Flashlight Torch Emergency Table Lamp Emergency Table Lamp LONG PRESS FOR BLINKER Rechargeable - Yes Bulb Type - LED Power Requirement - AC 110-240 Power Consumption - 60 Material - Aluminum Alloy Battery Type - Lithium Ion Dimensions Length - 27 cm Width - 7 cm Weight - 150 g	1	3
55	Utility knife	High Quality Paper Cutter Large Size Utility Knife Auto-Lock Paper Cutter with Spare Blade School and Office Stationery Tools Type: Hand-held Paper Cutter Handle Type: Plastic Grip	3	3
56	HDMI Cable	Length 5 m Round Cable Connector One: HDMI Connector Two: HDMI Cable Speed: 24000 Mbps	3	3
57	VGA Cable	VGA FEMALE vga male to male cable 1.5 meter	1	3
58	Printer	PRODUCT (P1108) SINGLE FUNCTION MONOCHROME LASER PRITER	1	3
59	Power cable	Length 1.5 m Round Cable Connector One: NA Connector Two: NA Cable Speed: 100 Mbps	1	3
60	Projector Screen	PRODUCT Projector/Simple Portable Projector Screen Projector Screen (Width 121.92cm*182.88cm Height)	1	3

S No.	Name of the tools/ equipments	Specifications	Quantity per Set (School)	Total No. of Sets
61	Projector	PRODUCT Full HD Home Theatre Projector 2800 Lumens with Built in Speaker, HDMI, VGA, USB, AV in, mSD Slot, AUX Out, 1080p Support and Remote Control.projector comes with vga,hdmi x 2,usb x 2,av in & aux out built in speaker/wide compatibility remote control screen size:127-305 cm/native resolution:1280x720p hd supported resolution:1080p (max) display technology lcd with led lamp lifespan 30,000h/brightness:2800 lumens projection distance:1-4 meters contrast ratio:2000:1	1	3
62	Power Extention	Electric Extension With Wooden Board (4 Sockets,4 Switch & Indicator) 5A with Wire.All Switches,Sockets,Wires,Indicator and Plugs Are ISO certified.Guarantee for 2 Years..size4x12x2	3	3
63	Working Table	Computer Desk Modular Set-up for Study & Home Office with Storage Space W x H x D: 1030 mm x 725 mm x 400 mm (3 ft 4 in x 2 ft 4 in x 1 ft 3 in) With CPU Compartment DIY - Basic assembly to be done with simple tools by the customer, comes with instructions.	3	3
64	Steel Cupboard with Door	Steel - 6 * 4	1	3
65	Working Table	6*4 - Type - Wood	2	3
66	All in one (Scanner, Copier, Printer)	PRODUCT WiFi Colour Printer, Scanner and Copier	1	3

Annexure - XXIII**TRADE NO.10 - TRAVEL, TOURISM AND HOSPITALITY****Class: 11th and 12th****Job Role: Customer Service Executive (Meet and Greet)**

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
1	Desktop computer with internet facility	17 inch, 1 TB internal memory, 8 GB RAM	2nos	2
2	Reception counter	8 ' length semi circular with 3 drawer unit with reception word mentioned in front of counter by brass metal. Further details given in Annexure(i)	1no	2
3	Printer with xerox machine and scanner	laser jet, wireless, printer output monochrome	1No	2
4	Rolling chair	Fabric material LXWXH 50X62X116 to 124 cm, 3D adjustable arm with TPU pads, 5leged nylon base with 50mm castors	2nos	2
5	Projector with white screen	HD projector, add on with wi-fi bluetooth, 180 inch with 4.57m large display, screen resolution 1280 x 720	1No	2
6	Digital wall clock	LXHXW 39.6X29.6X3.5cm LED display	1No	2
7	Telephone	landline caller ID, corded lxwxh 20x6.2x8.5	2nos	2
8	First Aid box	First aid box with all necessary equipments	2nos	2
9	Compass	waterproof compass	5nos	2
10	Hand wash	5litres	1no	2

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
11	Tourist guide book	500 pages	5 nos	2
12	Fire Extinguisher	2kg ABC powder type	1No	2
13	Tester	steel 180mm	10nos	2
14	Cutting plier	Alloy steel material LxWxH 21.2x5.6x3.6 cm	5nos	2
15	wire cutter	steel 130mm length	5nos	2
16	Insulation tape		50nos	2
17	Screw driver kit	5pieces set	5nos	2
18	scissor	6inch	5nos	2
19	Cobweb stick extendable	extendable up to 150 cm	5nos	2
20	Soft Broom	90cm. o.26kg	5nos	2
21	Knife	stainless steel	5nos	2
22	Dustbin	10litres	5nos	2
23	Dustbin	5 litres	5nos	2
24	Pest control Sparying pump	8 litre plastic manual	2nos	2
25	Dust bin cover	medium size 19x21 inches 120bags	1no	2
26	Bucket	5litres plastic	5nos	2
27	Mug	medium size plastic	5nos	2
28	Vacuum cleaner	1200watts LxWXH 33x21x23	2nos	2
29	wiper with steel long handle	30cm, 800 grams, alloy steel, lxwxh 94x40x2 cm	2nos	2
30	Mop stick	360 degree spin , alloy steel extendable handle, LXWXH 50X8X35, 0.58 KG	2nos	2

S. No.	Name of the tools/equipments	Specifications	Quantity per Set (School)	Total No. of Sets
31	Floor scrubbing brush with handle	handle metal, brush plastic lxwxh 50x18x6 cm	5nos	2
32	Floor cleaner	5 litres cane	5litre	2
33	Rat trapping cage	Lxwxh 29x12x12, metal	1no	2
34	Pin-up board (display board)	lxwxh 10x10x8 cm, brass outline	1no	2
35	A-z alphabets with pin type	brass	3sets	2
36	Steel Almirah	6KG, LXWXH 46X80X180 cm	1no	2
37	pen drive	64GB	2Nos	2
38	Luggage trolley	135kg, telescopic handle foldable wheels	1no	2
39	Spoken english book	english for tamil speakers	5nos	2
40	PPE kit	Non-woven 90gsm- polypropolyene material	2kits	2
41	Speaker	2.1 speaker LXWXH 29X24.8X37.7cm, bluetooth, USB connected	1no	2
42	MAP 4X4 FEET	Tamilnadu map, India map, Tamilnadu tourism map, India tourism map, Tamilnadu busroute map, Tamilnadu Train route map, India train route map, Hotel map, types of hotels, world map (wooden laminated photo)	each 1no	2

Annexure (a)

Laboratory Infrastructure Setup – Requirement	
Trade	Travel, Tourism and Hospitality
Job Role	Customer Service Executive (Meet and Greet)

Equipment: Reception counter

Description:

8 ' length semicircular with 3 drawer unit with reception word mentioned in front of counter by brass metal



Image (i) Sample image of the counter

13. Delivery School list Trade wise

Sl. No.	Trade Name	No. of Schools	District	List of school
1.	Agriculture	4	Dharmapuri	2
			Thoothukudi	1
			Tirupur	1
2.	Apparel made UPS & Home Furnishing	27	Ariyalur	1
			Chennai	1
			Coimbatore	1
			Cuddalore	3
			Dindigul	1
			Erode	2
			Chengalpattu	2
			Namakkal	1
			Pudukottai	3
			Ramnad	1
			Salem	2
			Sivagangai	2
			Thanjavur	2
			Thiruvarur	1
Vellore	4			
3.	Automotive	1	Villupuram	1
4.	Beauty & Wellness	24	Chennai	1
			Coimbatore	1
			Cuddalore	3
			Dindigul	1
			Kanchipuram	1
			Chengalpattu	1
			Namakkal	1
			Pudukottai	3
			Ramanathapuram	1
			Salem	1
			Sivagangai	2
			Thanjavur	2
			Tiruvallur	2
Vellore	4			

Sl. No.	Trade Name	No. of Schools	District	List of school
5.	Food Processing	8	Dharmapuri	2
			Erode	2
			Salem	1
			Tiruvallur	2
			Tirupur	1
6.	Health Care	11	Villupuram	1
			Tiruvannamalai	1
			Tirunelveli	2
			Thoothukudi	1
			Madurai	3
			Chengalpattu	1
			Chennai	1
			Ariyalur	1
7.	Telecom	3	Madurai	3
8.	Banking, Financial Services & Insurance (BFSI)	1	Tiruvannamalai	1
9.	Electronics & Hardware	3	Chennai	1
			Kanchipuram	1
			Tiruvarur	1
10.	Travel, Tourism & Hospitality	2	Tirunelveli	2
	Total 10 Trades	84 schools		84 schools

Note: Enclosure delivery School address trade wise

List of Schools – 1. Agriculture Trade			
No.	District	School Name	Address
1	DHARMAPURI	GBHSS MARANDHALLI	MARANDAHALLI, DHARMAPURI DISRICT
2	DHARMAPURI	GGHSS KAMBAINALLUR	Kambainallur, Irumathur Main Road
3	THOOTHUKUDI	G(G)HSS, Arumuganeri	ADAIKALAPURAM ROAD, ARUMUGANERI
4	TIRUPUR	GOVERNMENT HIGHER SECONDARY SCHOOL, AVINASHI.	OLD BUS Stand NearAvinashi

List of Schools – 2. Apparel Made Ups & Home Furnishings Trade			
No.	District	School Name	Address
1	ARIYALUR	GGHSS Sendurai	SENDURAI, ARIYALUR DT
2	CHENNAI	GOVT GIRLS HSS, SIDCO NAGAR, VILLIVAKKAM	4TH MAIN ROAD , SIDCO NAGAR, VILLIVAKAM, CH - 49
3	COIMBATORE	M C G(G)HSS, Kottur	KAMATCHIYAMMAN KOIL ST, KOTTUR
4	DINDIGUL	GGHSS NATHAM	Kottampatti Main Road, Natham
5	ERODE	GGHSS BHAVANI	143,OLD BUS STAND ,BHAVANI.
6	CHENGALPATTU	GGHSS, NANDHIVARAM	GGHSS, NELLIKUPPAM ROAD, NANDHIVARAM, GUDUVANCHERY
7	CHENGALPATTU	HSS.GGHSS,MADURANTAKAM	PARTHASARATHY STREET, MADURANTAKAM
8	NAMAKKAL	GGHSS MALLASAMUDRAM	VAIYAPPAMALAI MAIN ROAD, MALLASAMUDRAM, MALLASAMUDRAM PO, TIRUCHENGODE TK, NAMAKKAL DT, PIN-637503

9	SIVAGANGAI	GOVT.(G)HR.SEC.SCHOOL, MANAMADURAI	Anbu nagar, sivagangai main road, Manamadurai
10	SIVAGANGAI	RM.RM.GOV.T.(G)HR.SEC.SCH OOL, SINGAMPUNARI.	KEELAKATTU ROAD, SINGAMPUNARI.
11	THANJAVUR	GHSS (GIRLS) - THANJAVUR	EAST MAIN STREET, THANJAVUR
12	THANJAVUR	GHSS GIRLS- PERAVURANI	SETHU ROAD, PERAVURANI
13	THIRUVARUR	GGHSS KOOTHANALLUR	VPM ROAD
14	CUDDALORE	GHSS, S.S. Kulam	MULLIGRAMPATTU MAIN ROAD, NELLIKUPPAM
15	CUDDALORE	GGHSS, Kurinjipadi	SKS NAGAR, KURINJIPADI
16	CUDDALORE	GGHSS, Kattumanarkoil	OMAMPULIYUR ROAD, KATTUMANNARKOIL, KATTUMANNARKOIL
17	ERODE	MPL GIRLS HR.SEC.SCHOOL KARUNKALPALAYAM	CAUVERY ROAD, KARUNGALPALAYAM
18	PUDUKOTTAI	GGHSS ILLUPPUR	Illuppur, Pudukottai Dt.
19	PUDUKOTTAI	GGHSS GANDARVAKKOTTAI	ARANMANAI STREET, GANDARVAKKOTTAI PUDUKKOTTAI DISTRICT
20	PUDUKOTTAI	GGHSS MANAMELKUDI	ECR MANAMELKUDI, MANAMELKUDI Taluk
21	RAMANATHAPURAM	GGHSS, PARAMAKUDI	No.1 AYYADURAI STREET, PARAMAKUDI
22	SALEM	GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, THARAMANGALAM	JALAGANDAPURAM MAIN ROAD NEAR PH,THARAMANGALAM
23	SALEM	GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, NANGAVALLI	GOVT GIRLS HSS, NANGAVALLI

24	VELLORE	GGHSS GURUVARAJAPET	VADAVANDAI STREET, GURUVARAJAPET, MIDDLE STREET, GURUVARAJAPET
25	VELLORE	GGHSS WALAJAPET	MBT ROAD, WALAJAPET
26	VELLORE	GGHSS KATPADI	CHITTOOR MAIN ROAD, KATPADI
27	VELLORE	GGHSS MADAVARAM	ALANGAYAM ROAD, MADAVARAM VILLAGE & PO, TIRUPATTUR TK&DT

List of Schools – 3. Automotive Trade

No.	District	School Name	Address
1	VILLUPURAM	GOVT.MODEL GIRLS HIGHER SECONDARY SCHOOL, KALLAKURICHI.	KALLAKURICHI, VILLUPURAM DISTRICT

List of Schools – 4. Beauty & Wellness Trade

No.	District	School Name	Address
1	CUDDALORE	GHSS, S.S. Kulam	MULLIGRAMPATTU MAIN ROAD, NELLIKUPPAM
2	CUDDALORE	GGHSS, Kurinjipadi	SKS NAGAR, KURINJIPADI
3	CUDDALORE	GGHSS, Kattumanarkoil	OMAMPULIYUR ROAD, KATTUMANNARKOIL, KATTUMANNARKOIL
4	KANCHIPURAM	GGHSS, PADAPPAI	ATHANANJCHERI VILLAGE, SALAMANGALAM, PADAPPAI
5	PUDUKOTTAI	GGHSS ILLUPPUR	ILLUPPUR, PUDUKOTTAI Dt.
6	PUDUKOTTAI	GGHSS GANDARVAKKOTTAI	ARANMANAI STREET, GANDARVAKKOTTAI PUDUKKOTTAI DISTRICT
7	PUDUKOTTAI	GGHSS MANAMELKUDI	ECR MANAMELKUDI, MANAMELKUDI Taluk
8	RAMANATHAPURAM	GGHSS, PARAMAKUDI	No.1 AYYADURAI STREET, PARAMAKUDI

9	SALEM	GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, THARAMANGALAM	JALAGANDAPURAM MAIN ROAD NEAR PH, THARAMANGALAM
10	VELLORE	GGHSS GURUVARAJAPET	VADAVANDAI STREET, GURUVARAJAPET, MIDDLE STREET, GURUVARAJAPET
11	VELLORE	GGHSS WALAJAPET	MBT ROAD, WALAJAPET
12	VELLORE	GGHSS KATPADI	CHITTOOR MAIN ROAD, KATPADI
13	VELLORE	GGHSS MADAVARAM	ALANGAYAM ROAD, MADAVARAM VILLAGE & PO, TIRUPATTUR TK & DT
14	CHENNAI	GOVT GIRLS HSS, SIDCO NAGAR, VILLIVAKKAM	4TH MAIN ROAD, SIDCO NAGAR, VILLIVAKKAM, CH - 49
15	COIMBATORE	M C G(G)HSS, Kottur	KAMATCHIAMMAN KOIL ST, KOTTUR
16	DINDIGUL	GGHSS NATHAM	Kottampatti Main Road, Natham
17	CHENGALPATTU	GGHSS, NANDHIVARAM	GGHSS, NELLIKUPPAM ROAD, NANDHIVARAM, GUDUVANCHERY
18	NAMAKKAL	GGHSS MALLASAMUDRAM	VAIYAPPAMALAI MAIN ROAD, MALLASAMUDRAM, MALLASAMUDRAM PO, TIRUCHENGODE TK, NAMAKKAL DT, PIN-637503
19	SIVAGANGAI	GOVT.(G)HR.SEC.SCHOOL, MANAMADURAI	Anbu nagar, sivagangai main road, Manamadurai
20	SIVAGANGAI	RM.RM.GOV.T.(G)HR.SEC.SCHOOL, SINGAMPUNARI.	KEELAKATTU ROAD, SINGAMPUNARI.
21	THANJAVUR	GHSS (GIRLS) - THANJAVUR	EAST MAIN STREET, THANJAVUR
22	THANJAVUR	GHSS GIRLS- PERAVURANI	SETHU ROAD, PERAVURANI
23	TIRUVALLUR	RMJ.G.G.HR SEC SCHOOL, TIRUVALLUR	VM NAGAR, TIRUVALLUR
24	TIRUVALLUR	GGHSS KAMARAJNAGAR, AVADI	NO.10, MAIN ROAD, KAMARAJ NAGAR, AVADI

List of Schools – 5. Food Processing Trade

No.	District	School Name	Address
1	DHARMAPURI	GBHSS MARANDHALLI	MARANDAHALLI, MARANDAHALLI
2	DHARMAPURI	GGHSS KAMBAINALLUR	Kambainallur, Irumathur Main Road
3	ERODE	GGHSS BHAVANI	143,OLD BUS STAND ,BHAVANI.
4	TIRUPUR	GOVERNMENT HIGHER SECONDARY SCHOOL, AVINASHI.	OLD BUS Stand NearAvinashi
5	ERODE	MPL GIRLS HR.SEC.SCHOOL KARUNKALPALAYAM	CAUVERY ROAD, KARUNGALPALAYAM
6	SALEM	GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, NANGAVALLI	GOVT GIRLS HSS, NANGAVALLI
7	TIRUVALLUR	RMJ.G.G.HR SEC SCHOOL,THIRUVALLUR	VM NAGAR, TIRUVALLUR
8	TIRUVALLUR	GGHSS KAMARAJNAGAR ,AVADI	NO.10, MAIN ROAD, KAMARAJ NAGAR, AVADI

List of Schools – 6. Healthcare Trade

No.	District	School Name	Address
1	CHENNAI	JGG GOVT GIRLS HSS VIRUGAMBAKKAM	NO-2, Kamarajar Salai, VIRUGAMBAKKAM, CHENNAI 92
2	TIRUNELVELI	AVVAIYAR G.GHSS-PAVOORCHATRAM	PAVOORCHATRAM, TIRUNELVELI
3	TIRUNELVELI	MPL. (G) HSS, PETTAI	THIRIPURA SUNDARI AMMAN KOIL STREET,KARUNKADU ROAD,NEAR POLICE STATION,PETTAI. M.N.P PALLIVASAL STREET,PETTAI
4	TIRUVANNAMALAI	GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, MELPALLIPATTU	Main road, melpallipattu, Tiruvannamalai
5	ARIYALUR	GGHSS Sendurai	SENDURAI, ARIYALUR DT

6	CHENGALPATTU	HSS.GGHSS,MADURANTAKAM	PARTHASARATHY STREET, MADURANTAKAM
7	MADURAI	GOVT GIRLS HR SEC SCHOOL, ALANGANALLUR	UNION OFFICE BACKSIDE, KARATTU THERU, ALANGANALLUR
8	MADURAI	GOVT GIRLS HR SEC SCHOOL, MELUR	Trichy main road, Melur
9	MADURAI	GOVT GIRLS HR SEC SCHOOL, ELUMALAI	SANTHANAMARIAMMAN KOVIL STREET, ELUMALAI
10	THOOTHUKUDI	G(G)HSS, Arumuganeri	ADAIKALAPURAM ROAD, ARUMUGANERI
11	VILLUPURAM	GOVT.MODEL GIRLS HIGHER SECONDARY SCHOOL, KALLAKURICHI.	KALLAKURICHI District

List of Schools – 7. Telecom Trade

No.	District	School Name	Address
1	MADURAI	GOVT GIRLS HR SEC SCHOOL, ALANGANALLUR	UNION OFFICE BACKSIDE, KARATTU THERU, ALANGANALLUR
2	MADURAI	GOVT GIRLS HR SEC SCHOOL, MELUR	Trichy main road, Melur
3	MADURAI	GOVT GIRLS HR SEC SCHOOL, ELUMALAI	SANTHANAMARIAMMAN KOVIL STREET, ELUMALAI

List of Schools – 8. Banking & Finance Trade

No.	District	School Name	Address
1	TIRUVANNAMALAI	GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, MELPALLIPATTU	Main road, melpallipattu, Tiruvannamalai

List of Schools - 9. Electronics Trade

No.	District	School Name	Address
1	CHENNAI	JGG GOVT GIRLS HSS VIRUGAMBAKKAM	NO-2,Kamarajar Salai, VIRUGAMBAKKAM, CHENNAI 92
2	KANCHIPURAM	GGHSS,PADAPPAI	ATHANANJCHERI VILLAGE, SALAMANGALAM,PADAPPAI
3	THIRUVARUR	GGHSS KOOTHANALLUR	VPM ROAD,KOOTHANALLUR

List of Schools - 10. Tourism Trade

No.	District	School Name	Address
1	TIRUNELVELI	AVVAIYAR G.GHSS- PAVOORCHATRAM	PAVOORCHATRAM
2	TIRUNELVELI	MPL. (G) HSS, PETTAI	THIRIPURA SUNDARI AMMAN KOIL STREET,KARUNKADU ROAD,NEAR POLICE STATION,PETTAI. M.N.P PALLIVASAL STREET,PETTAI