



# Bid Document

## NATIONAL COMPETITIVE BIDDING

FOR

**Supply, Installation and Commissioning of various ITI Trades  
Items for Power Grid Corporation of India Ltd. under CSR for  
Industrial Training Institute (ITI)-Gorakhpur (UP)**

**NIT No.: EdCIL/EIS-EPS/PGCIL/2025/2**

**Dated: 29.08.2025**

## **EdCIL (India) Limited**

**(A “MINI RATNA” Govt. of India Enterprise)**

**“EdCIL House”, Plot No.18A, Sector-16A, NOIDA – 201301 (UP), INDIA.**

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**This document is serially numbered from page number 01 to 79.**

## **DISCLAIMER**

The information contained in this Tender document (the "TENDER") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Authority or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this TENDER and such other terms and conditions subject to which such information is provided.

This TENDER is not an Agreement and is neither an offer nor invitation by the Authority to the prospective Bidders or any other person. The purpose of this TENDER is to provide interested parties with information that may be useful to them in making their financial offers (BIDs) pursuant to this TENDER. This TENDER includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This TENDER may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this TENDER. The assumptions, assessments, statements and information contained in the Bidding Documents, especially the Feasibility Report, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this TENDER and obtain independent advice from appropriate sources.

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## **ABBREVIATIONS**

AIOTA	All India Occupational Therapists' Association
BIFMA	Business and Institutional Trades Items Manufacturers Association
BOQ	Bill of Quantity
CPSE	Central Public Sector Enterprise
CV	Curriculum Vitae
DD	Demand Draft
DPR	Detailed Project Report
DSC	Digital Signature Certificate
EdCIL	Educational Consultants India Limited
EIS	Educational Infrastructure Services
EMD	Earnest Money Deposit
EPS	Educational Procurement Services
FDR	Fixed Deposit Receipt
GOI	Government of India
ICT	Information and Communication Technology
IGBC	India Green Building Council
ISO	International Organization for Standardization
LLP	Limited Liability Partnership
LOA	Letter of Award
MOE	Ministry of Education
MSME	Micro, Small & Medium Enterprises
NIT	Notice Inviting Tender
PBG	Performance Bank Guarantee
PMC	Project Management Consultancy

PMSU	Project Management Support Unit
PQ	Pre-Qualification
PSU	Public Sector Undertaking
RFP	Request for Proposal
SOW	Scope of Work
TOE	Tender Opening Event
TSG	Technical Support Group

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## CHAPTER-1 INTRODUCTION

EdCIL (India) Limited, a **Mini Ratna CPSE** (Central Public Sector Enterprise), was incorporated in 1981, under the Ministry of Education (MOE). It is an ISO 9001:2015 & 14001:2015 Certified Company. It is a continuously dividend paying and profit-making company and the only CPSE (Central Public Sector Enterprise) under the Ministry of Education to serve the education sector.

1. The company over its Four decade of existence has executed many projects and consultancies and has a large number of satisfied clients spanning across Govt. of India, State Governments, Foreign Missions, Autonomous Bodies, Centres of Excellence (IITs, IIMs, IIITs, IISERs etc.) and large corporates.
2. EdCIL offers a wide range of Information and Communication Technology (ICT) consultancy, Turnkey and Technology solutions in different segments of Education and Human Resource Development within the country and overseas. EdCIL currently runs Project Management Support Units (PMSUs) known as Technical Support Groups (TSGs) for Pan India projects of Ministry of Education like “Samagra Shiksha Abhiyan (SSA)”, “PM Poshan (PMP)”, “National Mission on Education through Information & Communication Technology (NMEICT)”, “Higher Education Statistics and Public Information System (HESPIS)”, “Rashtriya Uchchar Shiksha Abhiyan (RUSA), Rashtriya Madhyamik Shiksha Abhiyan (RMSA) etc.

3. EdCIL’s expertise is founded in the following areas:

**3.1. Educational Infrastructure Services (EIS):** EdCIL provides Educational Infrastructure Services (**Turnkey execution and Project Management Consultancy (PMC) from concept to commissioning**) services to the Educational Institutions.

**3.2. Educational Procurement Services (EPS):** EdCIL provides support & assistance in the **Procurement of educational aids** ranging from school kits to hi-tech laboratory equipment focusing on maximizing Total Cost of Ownership in educational and human resource development space.

**3.3. Advisory Services (AS):** EdCIL offers advisory services ranging from preparation of **Detailed Project Report (DPR)**, formulation for setting up of any Educational Institution, organizational restructuring, impact assessment studies and curriculum deigning etc. Following key services are offered by the Advisory vertical in the Education (School Chains and Higher education) and HR advisory space:

- Preparation of Concept notes & Detailed Project Reports (DPRs) (Greenfield and Brown field), for all domestic institutions across states and central ministries and for expansion of global institutions in select countries in South East Asia and the Middle East
- Organization Restructuring (sectoral/institutional)
- Improving Operational Efficiency
- Digitization Planning

- Training Design include teaching-learning resource development
- Impact assessment of two to three key schemes across different states
- Designing of new educational schemes

**3.4. Online Testing & Assessment Services:** EdCIL offers **online recruitment** services to various Government Departments/ Public Sector Undertakings, Educational Institutions in order to select and appoint executives for various organizations, on Pan-India Basis. This is a large and high growth vertical of the company with opportunities for further increase in market share in view of the large size of market both in India and overseas.

**3.5. Digital Education System (DES):** EdCIL has focused on all emerging areas of **IT/ICT** applications in the both **Schools and Higher education**, such as Wi-Fi and Network Solutions, ERP implementation, E-content preparation, Virtual Classrooms and Smart Campuses etc.

**3.6. Overseas Education Services (OES):** The following are the services specifically offered to high potential target markets covering mostly SAARC, Middle East and African nations:

- Placement of Overseas Students in select Indian Institutes (sponsored schemes as well as SFS segments)
- Placement of Indian faculty in overseas institutes.
- Student/faculty exchanges.

**3.7. Technical Support Group (TSG):** EDCIL provides project management services & support to extend operational support to Ministry of Education (MOE) in implementing several mission mode projects/ schemes in achieving the national objectives in the education spectrum.

**3.8. Study in India Programme:** MOE appointed EdCIL as executing agency for implementation of “Study in India”; the initiative aims to make India a preferred education hub for students all across the globe, by elevating its position in the global educational landscape.

4. The company has expertise and large network of alliance partners and tie-up with quality monitoring bodies to undertake skill building including Information and Communication Technology (ICT) training and Teachers training projects. The successful clients include:

#### **National**

Various Ministries; State Government; Statutory/ Autonomous Bodies/ Public Sector Undertakings; Private Sector;

#### **Overseas**

Alemaya Agricultural University, Ethiopia; Association of Professional Engineers, Scientists and Managers (APESMA), Australia, DEAKIN University, Australia; Arba Minch

Water Technology Institute, Ethiopia; Atilim University, Turkey; British Universities India Consortium, United Kingdom; New Zealand Education International Ltd. New Zealand; University of Kocaeli, Turkey; University of Witwatersrand, South Africa; Wellington Polytechnic, New Zealand etc.

5. EdCIL has executed several projects in above mentioned areas with international finance assistance viz., the World Bank, Asian Development Bank, African Development Bank and other international funding institutions.

## CHAPTER-2 NOTICE INVITING TENDER

(e-Tendering mode)

**EdCIL (INDIA) LIMITED**

(A Govt. of India Mini Ratna Category-I CPSE)

SECTOR 16A, NOIDA

**NIT No.: EdCIL/EIS-EPS/PGCIL/2025/2**

**Dated: 29.08.2025**

1. EdCIL (India) Limited on behalf of **Power Grid Corporation of India Ltd. Gorakhpur (UP)**, invites two packet open e-tender offers for the supply & Installation of Various ITI Trades items as per details given below:

<b>Name of work</b>	Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).
<b>Name of Organization</b>	EdCIL (INDIA) LTD
<b>Tender Type (Open/ Limited/ EOI/ Auction/ Single)</b>	Open
<b>Tender Category (Services/ Goods/ works)</b>	Goods
<b>Type/ Form of Contract (Work/ Supply)</b>	Supply
<b>Product Category (Civil/ Interior Works)</b>	ITI Trades Items
<b>No. of Covers (1/2/3/4)</b>	02 (Two Packet)
<b>Bid Validity days (180/120/90/60/30)</b>	90 days (from the last date of bid submission)
<b>Purchaser and Place of delivery</b>	Billing to be submitted to EdCIL (India) Ltd. Successful bidder shall be responsible for Supply, Installation and Commissioning of Trades Items at ITI Campus, Industrial Training Institute (ITI) at Vill.: Narkataha, P.S.Khajani, Block Piprauli Distt.: Gorakhpur-273212
<b>Duration of supply</b>	Thirty (30) Days
<b>On-site Warranty (including annual maintenance)</b>	Three-year Comprehensive warranty from the date of successful Commissioning & Handing over of all the Items.
<b>The Currency in which payment shall be made</b>	Indian Rupees (INR)
<b>Date of Issue/ Publishing</b>	29.08.2025
<b>Document Download/</b>	29.08.2025

<b>Sale Start Date</b>	
<b>Document Download/ Sale End Date</b>	08/09/2025 at 12:00 Hrs
<b>Last Date and Time for receipts of Bids</b>	08/09/2025 up to 12:00 Hrs.
<b>Date and Time of Opening of Technical Bids</b>	08/09/2025 at 12:30 Hrs.
<b>Date and Time of Opening of Financial Bids</b>	To be informed later
<b>Bid document Fee</b>	NIL
<b>Earnest Money Deposit</b>	<b>Rs. 5,00,000/- (Rs. Five Lakhs only)</b> In form of Demand Draft/ Bank Transfer favoring 'EdCIL India Limited' payable at Noida or as mentioned elsewhere in the tender conditions. EdCIL's bank account details for online transfer are enclosed at Annexure-XIX. Scanned copy of DD/ Bank Transfer to be uploaded with technical bid documents and original DD/ Bank transfer receipt shall be submitted as per the instructions to bidders. <b>MSME bidders are exempted from EMD submission.</b>
<b>Performance Security/ Bank Guarantee</b>	5% of the total work value from the successful bidder. Performance Security/ Bank Guarantee is required to be submitted within 7 days from the date of issue of LOA/ WO in the form of Bank Guarantee (issued from Nationalized/ Scheduled bank as per list enclosed at Annexure-XI.) Format for PBG is enclosed at Annexure-X.  This PBG shall remain valid for a period of <b>90 days beyond the completion and successful handing over of Trades items.</b>
<b>Address for Communication</b>	The Chief General Manager (EIS & EPS) EdCIL (India) Limited, 18 A, Sector-16A, Film City, Noida-U.P.-201 301
<b>Contact No.</b>	0120-4156001, 4156002, 4154003, 2970206, 2970207 Fax: 0120-2970209
<b>Email Address</b>	<a href="mailto:cgm.infracivil@edcil.co.in">cgm.infracivil@edcil.co.in</a> , <a href="mailto:eprocure@edcil.co.in">eprocure@edcil.co.in</a>

2. Tender document shall be downloaded from e-tendering portal link available at EdCIL Tender web page. Aspiring bidders who have not get registered in e-tendering portal should get register/ enroll before participating. Interested bidders are advised to go through instructions provided at "Chapter-5 Instructions for e-tendering."

3. No manual bids shall be accepted. All bids (both Technical and Financial) should be submitted in the e-tendering portal at relevant stages. However, all the credentials mentioned in clause 3.1 of Chapter-3 should be submitted offline, well before bid submission date & time.

4. Bidders are advised to visit the EdCIL Website/ e-tendering portal for getting themselves updated for information on this tender. Corrigendum and addendum may be issued on the changes required. Reply on pre-bid queries received by EdCIL shall be displayed on EdCIL website/ e-tendering portal. Bidders are advised to regularly visit web page and update themselves. The Pre-Bid queries, Corrigendum/ Addendum are the part of tender documents and Bidders are supposed to upload the same, duly signed as per the guidelines given in the tender document.

The Chief General Manager (EIS & EPS)  
EdCIL (India) Limited,  
18 A, Sector-16A, Noida-201 301  
Landline no.: 0120-4310840  
Email: [cgm.infracivil@edcil.co.in](mailto:cgm.infracivil@edcil.co.in),  
[eprocare@edcil.co.in](mailto:eprocare@edcil.co.in)  
Tel: +91120-4156001,002,4154003.

## CHAPTER-3 OFFLINE AND ONLINE BID SUBMISSION DOCUMENTS

### 3.1 Offline Submissions:

The bidder is requested to submit the hardcopy of the below mentioned documents offline to the under mentioned address before the start of Public Online Tender Opening Event in a Sealed Envelope at the address.

The envelope shall bear the project name, the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).

#### Address:

CGM (EIS & EPS)  
EdCIL (India) Limited  
18 A EdCIL House, Film City,  
Sector 16A, Noida, Uttar Pradesh 201301

- 1) **Original copy of EMD amount in the form of Demand Draft/ as applicable.**
- 2) **Original copy of the power-of-attorney.**

**Note:** The Bidder should also upload the scanned copies of all the above-mentioned original documents as Bid-Annexure during Online Bid-Submission.

### 3.2 Online Submissions:

The Online bids (complete in all respect) must be uploaded online in **Two** Envelopes as explained below:

<b>Envelope – 1</b> (Following documents to be provided as single PDF file) *file size shall be less than 5 MB each.			
<b>Sl. No.</b>	<b>Documents</b>	<b>Content</b>	<b>File Types</b>
1	Technical Bid	Technical Compliance Declaration as per Annexure-I	.PDF
2		Organisation Declaration Sheet as per Annexure-II	.PDF
3		Letter of Undertaking as per Annexure-III	.PDF
4		Self-Declaration of Non-Blacklisting as per Annexure-IV	.PDF
5		Power of Attorney as per Annexure V	.PDF
6		Letter of Bid Submission as per Annexure VI	.PDF
7		Annual Average Turnover as per Annexure VII	.PDF

8		Details of Similar Projects completed during last 5 years as per Annexure VIII	.PDF
9		Pre Contract Integrity Pact as per Annexure XII	.PDF
10		Original Equipment Manufacturer (OEM) Authorization Form as per Annexure XIII	.PDF
11		Complete tender document, Corrigendum/ Addendum/ Pre-Bid Minutes is also to be signed and uploaded.	.PDF
<b>Envelope-2</b>			
<b>Sl. No.</b>	<b>Documents</b>	<b>Content</b>	<b>File Types</b>
1.	Financial Bid	Financial bid submission form and Price bid as per Bid Forms (Form-I & II)	.XLSM

## CHAPTER-4 TERM OF REFERENCE & DEFINITIONS

Supplier/ Successful bidder/ Selected bidder	“Supplier” shall mean the person, firm or corporation whom the LOA/ Work Order/ Purchase Order is issued for Supply, Installation and Commissioning of Various ITI trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).
Authorized Signatory	The bidder’s representative (explicitly, implicitly, or through conduct) with the powers to commit the authorizing organization to a binding agreement. Also called signing officer/ authority having the Power of Attorney from the Competent authority of the respective Bidding firm.
Bid	“Bid” means the response to this document presented in Two Packets, Technical Cum Commercial Bid and Financial Bid, which are supplied with necessary documents and forms as given in Annexure, complete in all respect adhering to the instructions and spirit of this document.
Bidder	“Bidder” means any firm responding to Request for Proposal and who makes a Bid.
Contract	“The Contract” means the agreement entered into between EdCIL and the selected bidder(s) in terms of clauses mentioned
Day	“Day” means a working day as per rules of EdCIL.
EMD	Earnest Money Deposit
D.D	Demand Draft
EdCIL	EdCIL (India) Limited, Noida (A Govt. of India Enterprise)
PGCIL	Power Grid Corporation of India Ltd. Gorakhpur (UP)
PBG	Performance Bank Guarantee
Services	“Services” means the services to be delivered by the successful bidder and as required to run the project successfully as per the Contract.
TENDER/ RFP	“ <b>TENDER</b> ” means the Request for Proposals
Goods and Materials	“Goods and Materials” shall mean the articles, materials, equipment, Trades Items Items, related accessories, supplier’s drawings, data and other property and all services-including design, delivery, installation, inspection and maintenance support specified or required to complete the order and incidental thereto.
Order	“Order” shall mean the Purchase Order / Work Order/ LOA and its attachments and exhibits.
Consignee	“Consignee” shall mean Power Grid Corporation of India Ltd. Gorakhpur (UP) where the items are to be supplied, installed and commissioned.
EdCIL/ Purchaser	“Purchaser” shall mean EdCIL (India) Limited.
Client	Power Grid Corporation of India Ltd. Gorakhpur (UP)

## CHAPTER-5 INSTRUCTIONS FOR E-TENDERING

### 5.1 Instructions for Online Bid Submission:

- 5.1.1** E-tendering is new technology for conducting public procurement in a transparent and secured manner. As per Government of India's directives, EdCIL (India) Limited has adopted E-tendering.
- 5.1.2** For conducting electronic tendering, EdCIL (India) Limited has decided to use Electronic tender portal link available with detailed information on e-tendering process. This portal built using electronic tender's software is referred to as <http://www.tenderwizard.com/EDCIL>.
- 5.1.3** The bidders are required to submit soft copies of their bids electronically on <http://www.tenderwizard.com/EDCIL> e-tendering website, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the Tender Wizard E-Tendering Portal, preparing their bids in accordance with the requirements and submitting their bids online on the Tender Wizard E-Tendering Portal.
- 5.1.4** The scope of work to be tendered is available in the complete bid documents which can be viewed /downloaded from Tender Wizard E-Tendering Portal of <http://www.tenderwizard.com/EDCIL>. Both Technical Bid and Financial Bid will be submitted concurrently duly digitally signed in the website <http://www.tenderwizard.com/EDCIL>. No claim shall be entertained on account of disruptions in internet service being used by the bidders. Bidders are advised to upload their bids well in advance to avoid last minute technical snags.
- 5.1.5** All Corrigendum/ Amendment/ Corrections, if any, will be published on the website <http://www.tenderwizard.com/EDCIL> as well as on EdCIL's website.
- 5.1.6** It is mandatory for all the applicants to have class-III Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying agencies (Bidders can see the list of licensed Certifying Agencies from the link [www.cca.gov.in](http://www.cca.gov.in)) to participate in e-Procurement of EdCIL.
- 5.1.7** It is mandatory for the bidders to get their firm registered with e-procurement portal of EdCIL i.e. [www.tenderwizard.com/EDCIL](http://www.tenderwizard.com/EDCIL) to have user ID & password by submitting non-refundable annual registration charges as follows:

1	Registration charges for 1 year	Rs. 2,000/-
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(exclusive of taxes, levies, etc.) which can be paid online using the e-payment gateway to KEONICS through the portal address mentioned above. The registration so obtained by the prospective bidder shall be valid for one year from the date of its issue and shall be subsequently renewed.

(i) Participant shall safely keep their User ID and password, which will be issued by the service provider i.e. KEONICS Ltd. upon registration, and which is necessary for e-tendering.

(ii) Bidders are advised to change the password immediately on receipt of activation mail.

(iii) Bidders shall not disclose their User ID as well as password and other material information relating to the e-tendering to anyone and safeguard their secrecy.

**5.1.8** Submit your bids well in advance by relevant documents along with copy of EMD of tender submission deadline on **Tender Wizard E-Tendering Portal** <http://www.tenderwizard.com/EDCIL>, as there could be last minute problems due to internet timeout, breakdown, etc.

**5.1.9** Bids should be submitted only through Tender Wizard E-Tendering Portal and obtain the Tender Acknowledgement copy as proof of successful submission.

**5.1.10** Vendors are requested to contact Tender wizard Helpdesk for any information regarding E-tendering / training.

<b>EdCIL / Tender Wizard E-Tendering Portal Helpdesk</b>
Customer Support: <a href="tel:080-49352000">080-49352000</a> (Multiple Telephone lines) Emergency Mobile Numbers: <a href="tel:9686115318">9686115318</a> / <a href="tel:8800496478">8800496478</a> / <a href="tel:8800445981">8800445981</a> (Please contact in case of emergency during non-working hours.)
<b>To Tender Wizard</b> <a href="mailto:harishkumar.kb@etenderwizard.com">harishkumar.kb@etenderwizard.com</a> <a href="mailto:ambasa@etenderwizard.com">ambasa@etenderwizard.com</a> <a href="mailto:arijeet@etenderwizard.com">arijeet@etenderwizard.com</a> <a href="mailto:twhelpdesk963@gmail.com">twhelpdesk963@gmail.com</a> <a href="mailto:sandeep.g@etenderwizard.com">sandeep.g@etenderwizard.com</a> & cc to: <a href="mailto:eprocure@edcil.co.in">eprocure@edcil.co.in</a>

## **5.2 Preparation of Bids**

**5.2.1 Bidders should take into account any corrigendum/addendum published on the portal before submitting their bids.**

**5.2.2 Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.** Please note the number of covers in which the bid documents have to be submitted, the number of documents (including the names and content of each of the documents) that need to be submitted. Any deviations from these may lead to rejection of the bid.

**5.2.3 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, these can be in PDF format. Bid**

documents may be scanned with 100dpi with black and white option.

### 5.3 Submission of Bids

- 5.3.1** Bidders should log into the site well in advance for bid submission and complete all formalities of registration (at least two days in advance of the closing date) so that they upload the bid in time i.e. on or before the bid submission deadline. Bidders will be solely responsible for any delay in uploading of bid within the stipulated time.
- 5.3.2** The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 5.3.3** Bidder has to pay EMD as applicable through demand draft/ BG/ Direct Bank Transfer as per tender condition in favour of **“EdCIL (India) Ltd” payable at Noida** and enter details of the instruments. Original demand draft/BG for EMD are required to be submitted.
- 5.3.4** A standard Financial Bid form has been provided with the tender document to be filled in by all the bidders. Bidders are requested to note that they should submit their financial bids in the format provided and no other format is acceptable. If the financial bid format is found to be modified by the bidder, the bid will be rejected.
- 5.3.5** The server time will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 5.3.6** Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no., date & time of submission of the bid and all other relevant details.

### 5.4 Assistance to Bidders

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority. For any other tender related queries, bidders are requested to contact below given numbers/ email.

<b>EdCIL / Tender Wizard E-Tendering Portal Helpdesk</b>
Customer Support: <a href="tel:080-49352000">080-49352000</a> (Multiple Telephone lines) Emergency Mobile Numbers: <a href="tel:9686115318">9686115318</a> / <a href="tel:8800496478">8800496478</a> / <a href="tel:8800445981">8800445981</a> (Please contact in case of emergency during non-working hours.)
<b>To Tender Wizard</b> <a href="mailto:harishkumar.kb@etenderwizard.com">harishkumar.kb@etenderwizard.com</a> <a href="mailto:ambasa@etenderwizard.com">ambasa@etenderwizard.com</a> <a href="mailto:arijeet@etenderwizard.com">arijeet@etenderwizard.com</a> <a href="mailto:twhelpdesk963@gmail.com">twhelpdesk963@gmail.com</a> <a href="mailto:sandeep.g@etenderwizard.com">sandeep.g@etenderwizard.com</a> & cc to: <a href="mailto:eprocure@edcil.co.in">eprocure@edcil.co.in</a>

### **5.5 Offline Submissions: (As per Tender Requirement)**

The bidder is requested to submit documents as mentioned in **Clause 3.1**

### **5.6 Minimum Requirements at Bidder's End**

- Computer System having configuration with minimum Windows 7 or above, and Broadband connectivity.
- Digital Certificate(s)

## CHAPTER-6 INSTRUCTIONS TO BIDDERS

### 6.1 Due date

The tender has to be submitted before the due date & time as given in the NIT. The offers received after the due date and time shall not be considered.

### 6.2 Preparation of Bids

The offer/ bid shall be submitted in **two bid systems i.e. Technical Bid and Financial Bid**. The technical bid shall consist of all technical details along with commercial terms and conditions. Financial bid shall indicate item wise rate for the items mentioned in the technical bid in the given format.

### 6.3 Language of Proposal

The proposal prepared by the firm and all correspondence and documents relating to the RFP exchanged by the bidder and the Client, shall be written in the English language, provided that any printed literature furnished by the firm may be written in another language so long as accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

### 6.4 Cost of Bidding

The bidder shall bear all costs associated with the preparation and submission of its bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the client, and the client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

The firm is expected to carefully examine all instructions, forms, terms and specifications in the bid document. Failure to furnish all information required in the bid document or submission of a bid not substantially responsive to the bid document in every respect will be at the firm's own risk and may result in rejection of the bid.

### 6.5 EMD

The bidder should enclose EMD of the amount mentioned above in Earnest Money Deposit column in the form of Demand Draft/ Direct Bank Transfer.

**6.5.1** In case of Direct Bank Transfer, NEFT/RTGS to the bank details for the transfer of funds is as per Annexure-XIX.

**6.5.2** In case of Demand Draft, The Bidder should submit EMD through Demand Draft drawn in favour of "EdCIL (India) Limited" payable at Noida.

#### Note:

- **The Bid sent without EMD would be considered as UNRESPONSIVE and will not be considered.**

- Bidders registered with MSME/ NSIC and having valid registration certificate issued by MSME/ NSIC are exempted for submission of EMD.

## **6.6 Refund of EMD**

**6.6.1** The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized.

**6.6.2** Earnest money will be forfeited if the bidder unilaterally withdraws the offer, or unilaterally amends, impairs or rescinds the offer within the period of its validity.

**6.6.3** In Case of Successful Bidder, the EMD shall be refunded after submission of Performance Bank Guarantee from a Scheduled/ Nationalized bank operating in India as per list enclosed at Annexure-XI.

## **6.7 Acceptance/ Rejection of bids**

EdCIL reserves the right to reject any or all offers without assigning any reason.

EdCIL, based on the requirement without assigning any reason to the Bidder/s may split work/Scope/Bid offer in stages or in parts according to the need of work or for ease of execution of work. EdCIL reserves right to take decision according to requirement and no claim on whatsoever ground shall be entertained from the bidder. Final decision of EdCIL shall be binding on the bidder.

## **6.8 Performance Security**

**6.8.1** The successful bidder shall deposit Performance Bank Guarantee equivalent to **5% of contract value** to EdCIL within 7 days from the date of receipt of Letter of Acceptance/ LOA/ Work Order/ Purchase Order in the form of Bank Guarantee/ Cash. The Performance Bank Guarantee (PBG) should be issued from a Scheduled/ Nationalized Bank (as mentioned in Annexure XI) in favour of " EdCIL (India) Ltd. Noida " and to be valid for at least 90 days beyond the completion of work and successful handing over of Trades Items.

**6.8.2** This Performance Bank Guarantee will be retained throughout the currency of the contract and should be extended by the bidder from time to time, as required by EdCIL.

**6.8.3** PBG shall be returned to the successful bidder only after 90 days of the the completion of work and successful handing over of items. In case of any shortfall of any activity/ specification/ other terms and conditions of the contract, EdCIL reserves the right to recover damages or loss from the due payment and or by the encashment of PBG.

## **6.9 Amendment in Tender Document**

At any time up to the last date for receipt of RFP, EdCIL may, for any reason, whether at its

own initiative or in response to a clarification requested by a prospective firm, modify the Bid Document by amendment. **The amendment will be notified on e-tenderwizard portal.**

#### **6.10 Site Survey**

Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (as far as practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. Bidders shall be deemed to have full knowledge of the site whether they inspect it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

Bidders should make a comprehensive site survey in order to learn existing backbone infrastructure of the client in a large perspective so that the procured components are fully compatible with existing infrastructure.

The successful bidder has to carry out site survey at all locations and submit project schedule within 7 days from the date of award of the contract/ issue of Work Order.

## **CHAPTER-7 SCOPE OF WORK**

### **7.1 Introduction**

EdCIL (India) Limited has been entrusted by Power Grid Corporation of India Ltd. for Supply, Installation and Commissioning of Various ITI trades Items at Industrial Training Institute (ITI)-Gorakhpur (UP).

The selected Bidder shall perform the activities for Design, Supply, Installation, Testing, Commissioning of Various ITI trades Items at Industrial Training Institute (ITI)-Gorakhpur (UP), as per the scope of work and maintain the same until completion of Contract.

The scope will include:

### **7.2 Scope of Supply**

Supply of all items as per BOQ at Industrial Training Institute (ITI)-Gorakhpur (UP), with 3 years of OEM warranty.

- The successful bidder must not bid/supply any items that is likely to be declared end of sale/ support within five years from the date of supply. The bidder would have to replace any such item with latest or at least the equivalent configuration.

### **7.3 Inspection and tests**

- EdCIL reserves the right to inspect (Pre-Delivery Inspection) goods and any other equipment's before shipment at supplier's plant/ warehouse to check whether the trade items/goods/ equipment's are in conformity with the technical specifications as mentioned in tender BOQ.
- The acceptance test (if required) will be conducted by the EdCIL, their consultant or other such person nominated by the EdCIL at its option at suppliers' location in the presence of supplier's representatives. The acceptance will involve trouble free operation and ascertaining conformity with the ordered specifications and quality. There should not be any additional charges for carrying out acceptance test. The supplier should maintain Quality of the trades Items as per the BOQ and specifications. No defect, malfunction, partial or complete failure of any part of the item is expected to occur. The Supplier should maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the EdCIL, the successful completion of the test specified.
- In the event of the trades Items failing to pass the acceptance test, a period not exceeding one week will be given to rectify the defects and to clear the acceptance test, failing which the EdCIL reserve the right to get the trades Items /item replaced by the Supplier at no extra cost to the EdCIL.
- Successful conduct and conclusion of the acceptance test for the installed trades Items /goods and item should also be the responsibility and at the cost of the Supplier.

#### **7.4 Delivery and Documents**

Delivery of all the goods at Industrial Training Institute (ITI)-Gorakhpur (UP) should be made within a **stipulated time of 30 (thirty) days** from the date of issuance of Purchase Order/ LOA. The successful bidder to provide absolute supply schedule within 7 days from the receipt of Purchase Order. Within 24 hours of dispatch, the supplier should notify EdCIL and the insurance company by e-mail the full details of the shipment including contract number, railway receipt number/ AAP etc. and date, description of goods, quantity, name of EdCIL, invoice etc. Till Client/ EdCIL takes over/ receives the items/ goods, the supplier should be responsible to keep the same in safe custody and the charges (if any) to be borne by the supplier. The successful bidder will be responsible for all equipment supplied till these are successfully installed and commissioned at the designated place. The supplier should mail the following documents to EdCIL with a copy to the insurance company:

- a) Copy of the Supplier invoice showing Purchase Order/ Contract number, description of goods, quantity, unit price, total amount **along with E way Bills**.
- b) Insurance Certificate.
- c) Manufacturer's/Supplier's warranty certificate.
- d) Inspection Certificate issued by EdCIL/ nominated inspection agency and subsequently accepted by Client, if any.
- e) Supplier's factory inspection report; if any.
- f) Certificate of Origin (if possible by the beneficiary);
- g) Two copies of the packing list identifying the contents of each package.

The above documents should be received by EdCIL before arrival of the Goods (except where the Goods have been delivered directly to EdCIL with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

#### **7.5 Liquidated Damages**

The timely delivery is the essence of this tender. Liquidated damages will be applicable at the rate of One percent (@1% per week or part thereof for undelivered portion of BOQ items subject to a maximum of 10% of the cost of Purchase order for any reason whatsoever attributed to failure of tenderer. EdCIL will have the right to cancel the order, place order on alternative source besides levying the liquidated damages as above.

#### **7.6 Insurance and Transportation**

- a) The selected Bidder shall be responsible for acquiring comprehensive insurance including transit insurance, liability insurance and any other insurance for all the items/ equipment till the delivery and commissioning at Respective delivery warehouses along with Insurance against fire, theft, damages and loss of all property

owned by the Executing Agency at the construction site, if any extending to third party liability.

- b) For delivery of goods at the end client's location, the insurance should be obtained by the Supplier in an amount equal to 110% of the value of the goods from "supplier location to end client location" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance should be valid for a period of **not less than 3 months** after the completion of installation and commissioning
- c) The Supplier should make all arrangements towards safe and complete delivery at End Clients Location. Such responsibility on part of the supplier will include taking care of insurance, freight, octroi, state level permits etc. as applicable.
- d) The supplier should also take care of transit insurance, comprehensive insurance or any other insurance as required which may have direct bearing on the delivery of the items / equipment at End Client's location.
- e) It is the total responsibility of supplier to complete all formalities to transit of goods from the place of dispatch to End Clients Location.
- f) The successful bidder should ensure that no person can engage in the business of a common carrier unless he has been granted a certificate of registration to do so for supply of items at End Client's Location.
- g) The transportation of goods through unregistered common carrier is illegal. The successful bidder should ensure to comply with the latest carriage by Road Act and any other relevant laws.
- h) Further, Group Personnel Accident Insurance covering the Executing Agency's employees, operating from the site as per the Executing Agency's established practices. Workman's Compensation Insurance, covering employee's / contract workers of the Executing Agency covered under Workman's Compensation Act and any other mandatory insurance governed by the prevailing laws of Central or State government shall be taken care of by the selected bidder.
- i) All costs related to insurance shall be borne by the selected Bidder for goods supplied under the Agreement against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery etc. A copy of Insurance Certificate should be provided along with the delivery challan before shipping of the equipment.
- j) The supplier will keep EdCIL informed about various stages of deliveries & installation.

## **7.7 Packing Instructions**

Each package will be marked on three sides with proper paint/ indelible ink, the following:

- a) Item Nomenclature

- b) Order/Contract No.
- c) Country of Origin of Goods
- d) Supplier's Name and Address
- e) Consignee details
- f) Packing list reference number
- g) All packing should be strong enough to withstand rough handling during loading unloading and transporting. Fragile articles should be packed with special precaution and should bear the marking like Fragile, handle with care, This side up etc. All delicate surfaces of items/ goods should be carefully protected and painted with protective paint/ compound and wrapped to prevent rusting and damage.
- h) Attachments and spare parts and all small pieces should be packed with adequate protections and wherever possible should be sent along with the major items. Each item should be tagged so as to identify it with the main item and part number and reference number should be indicated.
- i) All protection and threaded fittings should be suitably protected and covers should block the openings.

#### **7.8 Unloading and Unpacking**

Unless specified otherwise in the purchase order, Unloading and storage of the same at the designated place should be undertaken by the supplier. The Unpacking of the materials should also be arranged by Supplier.

#### **7.9 Site Preparation**

- a) The supplier should inform to EdCIL about the site preparation, if any, needed for the installation of items, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the items, which the Institute should arrange before the arrival of the items to ensure its timely installation and smooth operation thereafter.
- b) The supplier should visit the Institute and see the site where the items is to be installed and should offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.

#### **7.10 Scope of Installation & commissioning**

- a) The supplier is required to undertake the installation and demonstration of all the items as per approved layout within 15 days of the arrival of materials at Industrial Training Institute (ITI)-Gorakhpur (UP). The L.D. clause may be the same as per the supply of materials.

- b) The successful agency has to arrange for technician, other manpower, tools etc for installation and commissioning of the goods supplied by the agency.
- c) **Any structure, permanent or temporary, dismantled or destroyed during the execution of the work shall be refilled/remade or restored to its previous condition by the successful bidder at its own cost.**
- d) In case of any mis-happening/ damage to items and supplies during the carriage of supplies from the origin of items to the installation site, the supplier has to replace it with new items /supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. Client/ EdCIL will not be liable to any type of losses in any form.
- e) As part of commissioning of the delivered equipment, the selected Bidder shall depute its technically qualified representative(s) to facilitate in the conduct of inspection of 100% of the delivered quantity in presence of EdCIL/ Client's representative. For commissioning, the inspection shall be done against the compliance checklist of the product features given in the RFP along with complete documentation.
- f) Against the commissioning of all the items, the selected Bidder shall get an Installation and Commissioning Sign-off receipt from authorized representative of the EdCIL/ Client. The bidder shall submit invoices along with the list of serial numbers of all the equipment supplied and corresponding Commissioning Sign-off receipt from the EdCIL/ Client. The damaged/defective equipment, if any, shall be taken back by the selected Bidder's representative and the corresponding serial numbers shall neither be included in the serial number list enclosed with invoice nor will the cost of returned equipment be reflected in the submitted invoice.

#### **7.11 Warranty and Maintenance Support Services**

- a) Comprehensive Warranty should be for a minimum period of **three (03) year** from date of successful installation & handing over of Goods at the Industrial Training Institute (ITI)-Gorakhpur (UP). The Supplier should, in addition, comply with the performance guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier should at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as shall be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests.
- b) The warranty should be comprehensive on site with responsibility of the agency to ensure minimum number of Engineers/technical qualified persons responsible for attending the warranty queries/issues received from client. Supplier should give written information (about the Engineers/ technical representative name and cell numbers) before handing over of the Goods to EdCIL and to the end client's nominated representative/s to attend the issues related to the warranty of the goods supplied under the contract.

- c) EdCIL/Client should promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier should immediately within 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Supplier should take over the replaced parts/goods at the time of their replacement. No claim whatsoever should lie on EdCIL for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the supplier having been notified fails to remedy the defects within 02 days, EdCIL should proceed to take such remedial action as should be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which EdCIL should have against the supplier under the contract.
- d) The Selected Bidder is required to provide a next business day warranty service from OEM for the requisite items supplied under the contract for a period of 3 years (at sole discretion of client). Records of all calls/ emails/ visits made to the service centre shall be kept in a computerized system for easy tracking of complaints.
- e) The period of warranty for all items shall commence after successful installation and commissioning sign-off with PowerGrid.
- f) Timely servicing/ rectification of defects during warranty period: after having been notified of the defects/ service requirement during warranty period. The Supplier has to complete the required service/ rectification within 2 days, time limit. If the Supplier fails to complete service/ rectification with defined time limit, a penalty of 0.5% of unit price of the product shall be charged as penalty for each week of delay from the Supplier, the Supplier can deposit the penalty with the buyer directly else the buyer shall have a right to recover all such penalty amount from the performance security (PBG). Cumulative penalty cannot exceed more than 10% of the total contract value after which the buyer shall have the right to get the service/ rectification done from alternate sources at the risk and cost of the Supplier besides forfeiture of PBG. the Supplier shall be liable to reimburse the cost of such service / rectification to the buyer.
- g) The bidder has to submit escalation matrix for the complaint's resolution and support.

#### **7.12 Incidental Services**

The incidental services also include:

- a) Furnishing of 01 set of detailed operations & maintenance manual.
- b) Arranging the shifting/moving of the item to their location of final installation within ITI campus at the cost of Supplier through their Indian representatives.

#### **7.13 User list**

Brochure detailing technical specifications and performance must be provided.

#### **7.14 Manuals and Drawings**

- a) Before the goods and items are taken over by the Client, the Supplier should supply operation and maintenance manuals. These should be in such details as will enable client to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
- b) The Manuals should be in the ruling language (English) in such form and numbers as stated in the contract.
- c) Unless and otherwise agreed, the goods/ items should not be considered to be completed for the purpose of taking over until such manuals and drawing have been supplied to EdCIL.

## CHAPTER-8 ELIGIBILITY CRITERIA AND BID EVALUATION

### 8.1 Bid Evaluation

#### 8.1.1 Bid Evaluation Process

The bid evaluation shall consist of the following phases:

- 1) Phase I– Evaluation of Technical bid in accordance to the Pre-Qualification criteria and other tender compliances.
- 2) Phase II - Evaluation of Financial bid

Note: - It is mandatory for the bidder to qualify all the Pre – qualification stages. Only technically qualified bidders shall be considered for opening of their Financial Bids and evaluation thereof.

### 8.2 Evaluation of Technical Bids

Bidder has to upload all documentary evidence in support of the following mentioned Eligibility Criteria. In the absence of such supporting documents, as mentioned against each criterion, the bid will be rejected summarily. The financial bid opening will be carried out for only those bidders who qualify in the Technical bid.

#### 8.2.1 PRE-QUALIFICATION CRITERIA:

a) The minimum pre-qualification criteria for the bidders to be eligible for this RFP process are specified below. Technical Bid response/s not meeting the minimum pre-qualification criteria will be rejected as soon as such proposals are received and will not be considered for Technical evaluation.

(Documents must be provided in support of the following PQ Criteria otherwise bids will be summarily rejected)

S. no.	Pre-Qualification/Eligibility Criteria	Supporting Documents required
1	The bidder must be a Company (Ltd. Or Pvt. Ltd.)/Proprietary /Partnership Firms/LLP registered with Statutory Authorities in India for the last <b>Five years</b> from the date of NIT.	Copy of certificate of incorporation/ Partnership deed/Memorandum/ Article of Association/ Registration certificate with Registrar of companies and any other legally valid supporting document
2	The bidder, offering to the supply of items related to workshop such as Fitter, Electrician, Surveyor & Draughtsman, which the bidder does not manufacture or otherwise produce, the bidder has to provide Manufacturer's Authorization Certificate preferably as per	In case of OEM participating as a bidder, a power of attorney issued by the company's Director/ Board of Directors in favour of the authorized signatory for this tender to be submitted along with the bid.

	format at <b>Annexure XII</b> . <i>Bids submitted without authorization certificate will be summarily rejected. Authorization certificate from OEM is essential for supply under scope of work.</i>	Latest Authorization letter from OEM to the Bidder authorizing to do business on OEM's behalf for supplies and services mentioned in this tender as associate or authorized business partner for OEM's Manufactured items.
<b>3</b>	<p>The average annual turnover of the bidder firm should be minimum <b>Rs. 10 Crores</b> (Rs. Ten crore only) during the last three financial years (2022-23, 2023-24 &amp; 2024-25). In this regard, the bidder should submit copies of audited Balance sheets including profit and loss accounts for the last three financial years as above.</p> <p>The agency should have a positive net worth from last 3 FY as above. A registered CA's certificate indicating turnover statement for the relevant period is also to be accompanied.</p>	<p>Certificate from the Chartered Accountant and copy of audited balance sheets/P&amp;L Accounts for the last three years.</p> <p>Net worth certificates also to be submitted.</p> <p>Financials as well as CA certificate, Certifying the turnover &amp; net worth should be submitted.</p>
<b>4</b>	<p>Bidders must have successfully executed during the last five completed financial year (2020-21, 2021-22, 2022-23, 2023-24, 2024-25) at least one or more supply, installation of Machines, Tools &amp; Equipment items orders from start to finish for the following:</p> <p>One single order of Supply and Installation of Machines, Tools &amp; Equipment items having value of <b>Rs 2 Crore (Rs. Two Crore)</b> (OR) Two orders of Supply and Installation of Machines, Tools &amp; Equipment items having value of <b>Rs. 1.50 Crore (Rs. One Crore Fifty Lakhs)</b> (OR) Three orders of Supply and Installation of Machines, Tools &amp; Equipment items having value of <b>Rs. 90 Lakh (Rs. Ninety Lakhs)</b></p>	<p>Copies of work orders and completion certificate issued by the client.</p> <p>In case of non-availability of completion certificate, Self-attested final bill copy submitted by the bidder to the client can be submitted as proof of completion of work/ Installation. Email from client regarding on-going or completion status of project should also be submitted.</p>
<b>5</b>	<p>At Least One Order of value of <b>Rs. 90 Lakh</b> should be for Supply of Machines, Tools &amp; Equipment Items to Central Govt./ State Govt./ PSU's/ Autonomous bodies/ Govt. Premier Institutions such as IIT's/ NIT's/ IIIT's/ Central Universities/ Govt. Institutions/ CBSE affiliated Schools/ Government schools/Government ITI's etc. <b>during last five years.</b></p>	<p>Copies of work orders and completion certificate issued by the client.</p> <p>In case of non-availability of completion certificate, Self-attested final bill copy submitted by the bidder to the client can be submitted as proof of completion of work/ Installation. Email from client regarding on-going or completion status of project should also be submitted.</p>

<b>6</b>	<p>Certifications: The OEM should have the following valid certificates,</p> <ul style="list-style-type: none"> <li>a) ISO 9001:2015 – Quality Management system</li> <li>b) ISO 14001:2015- Environment Management System</li> <li>c) ISO 45001:2018 – Occupational Health and Safety Management System</li> </ul>	<p>Self-attested copies of these certificates should be submitted with the technical bid.</p>
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Technical bids will also be reviewed for compliance with the necessary instructions, terms and conditions, scope of work, formats etc. as outlined in this tender.

Notwithstanding anything stated above, the EdCIL reserves the right to assess bidder’s capability and capacity to perform the contract, should circumstances warrant such an assessment in the overall interest of the EdCIL/ Client.

### **8.3 Evaluation of Financial bids**

- a) The Financial bid of only those Bidders who are found technically eligible shall be opened. The financial bids shall be opened in the presence of representative of technically eligible Bidders, who may like to be present. EdCIL shall inform the date, place and time for opening of financial bids.
- b) Financial bids will be inspected to ensure their conformity to the format provided in the tender document.
- c) If there is any discrepancy between words and figures in any part of the financial bid, the amount indicated in words will prevail.
- d) The lowest evaluated Financial Proposal (L-1) will be declared as successful Bidder.

### **8.4 Certifications**

Copies of certifications as mentioned above at the Pre-Qualification/ minimum eligibility criteria should be submitted with the technical bid.

## CHAPTER-9 KEY CONTRACT TERMS

### 9.1 Payment Terms

- i) 80% on delivery of Equipment in good conditions and to the entire satisfaction of the EdCIL.
- ii) 15% on Installation, commissioning & successful Handing over of Equipment in good conditions and to the entire satisfaction of the EdCIL/Client.
- iii) 5% payment shall be released on completion of Warranty Period (3 years) of supplied items/ material etc as per contract. This 5% payment will remain as security during the warranty period.

\*This 5% payment may be released against the submission of an equivalent Bank Guarantee (issued from Nationalized/ Scheduled bank as per list enclosed at Annexure-XI) for a period of 03 years from the successful Handing over of Trades Items Items in good conditions and to the entire satisfaction of the EdCIL/Client.

**Note:**

- a) The ownership of supply shall be with EDCIL/ PowerGrid, however EdCIL will process the Invoice and payment shall be released to the supplier by EDCIL after receipt of advance amount from PowerGrid from time to time.
- b) Valid GST invoice should be prepared as Bill to EDCIL India Limited quoting EDCIL's GST NO and Ship to PowerGrid.

### 9.2 Force Majeure

The Supplier should not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

- I. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events shall include, but are not limited to, acts of EdCIL either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- II. If a Force Majeure situation arises, the Supplier should promptly notify EdCIL in writing of such conditions and the cause thereof. Unless otherwise directed by EdCIL in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and should seek all reasonable alternative means for performance not prevented by the Force Majeure event.

### 9.3 Risk Purchase Clause

In event of failure of supply of the items/ goods within the stipulated delivery schedule, EdCIL/ purchaser has all the right to purchase the items/ goods from the other source on the total risk of the supplier under risk purchase clause.

#### **9.4 Delayed Delivery**

If the delivery is not made within the due date for any reason, the Committee will have the right to impose Liquidated damages (LD) @1% per week and the maximum deduction of 10% of the contract value/ rate. Once the maximum is reached, EdCIL has the right to terminate the contract and encash the submitted performance guarantees.

#### **9.5 Rates**

- I. The rate should be quoted in per unit (with breakup) and must include all packing, delivery, installation, commissioning charges etc. The offer/bid should be exclusive of taxes and duties, which will be paid as applicable. However, the percentage of taxes and duties should be clearly indicated. The inter se merit position of the bids however shall be decided based on the composite rate of the product including taxes, transportation, Warranty & AMC with all other incidental expenses indicated.
- II. The rates must be quoted in the Performa given in Financial Bid failing which the Bid would be treated as unresponsive. Any discount or any other offers affecting the package rate must be mentioned in Financial Bid only. Discount or any other offers affecting the Package rate mentioned at any other place of the bid other that Financial Bid will not be considered.
- III. Price information shall not be part of Technical Bid.

#### **9.6 Rates in Figures and Words**

Rates Quoted by the Bidder in tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the bidder shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the bidder or it does not correspond with the rates written either in figures or in words then the rates quoted by the bidder in words shall be taken as correct. Where the rates quoted by the bidder in figures and in words tally but the amount is not worked out correctly, the rates quoted by the Bidder will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s) and amount blank, it will be presumed that the Bidder has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

In the case of any tender where unit rate of any item/ items appears unrealistic, such tender/ item(s) will be considered as unbalanced and in case the tender is unable to provide satisfactory explanation such a tender/ item(s) is liable to be disqualified and rejected.

## 9.7 Notices

- Any notice given by one party to the other pursuant to this contract/ order should be sent to the other party in writing or FAX or e-mail and confirmed in writing to the other party's address.
- A notice should be effective when delivered or on the notice's effective date, whichever is later.

For the purpose of all communications, the following should be the address :

### **Chief General Manager (EIS & EPS)**

EdCIL (India) Limited,

18 A, Sector-16A,

Noida, Uttar Pradesh -201 301

Tel: 91-120-4156001/ 02, 4154003, 2970206/ 07

## 9.8 Arbitration/ Resolution of Disputes

The dispute resolution mechanism to be applied pursuant should be as follows:

- a. Any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre ("IIAC") in accordance with the India International Arbitration Centre (Conduct of Arbitration) Regulations ("IIAC Regulations") for the time being in force, which regulations are deemed to be incorporated by reference in this clause.
- b. The place/seat of the arbitration shall be New Delhi, India.
- c. The Tribunal shall consist of one arbitrator.
- d. The law governing the arbitration agreement shall be Indian Law.
- e. The language of the arbitration shall be English.
- f. The governing law of the Contract shall be Indian Law.
- g. Arbitration cost to be borne by the Supplier.
- h. Each of the parties agree that notwithstanding that the matter may be referred to Arbitrator as provided herein, the parties shall nevertheless pending the resolution of the controversy or disagreement continue to fulfil their obligation under this Agreement so far they are reasonably able to do so.

## **9.9 Right to Use Defective Goods**

**9.9.1** If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Client/ EdCIL should have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Client's operation.

**9.9.2** Replacement of Goods broken, damaged or short: In the event of any material or part thereof found broken or damaged or received short during transit or during installation or Commissioning or testing at site, before commissioning in service the suppliers should replace the same free of cost. However, Client/ EdCIL will recover amount equivalent to the cost of such damaged/ broken/ short-supplied materials and will repay when actual replacement is given.

**9.9.3** Substitution and Wrong Supplies: Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods should be returned to the supplier at their own cost and risk.

## **9.10 Supplier Integrity**

The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.

## **9.11 Training**

The Supplier is required to provide training to the designated Client's technical and end user personnel to enable them to effectively operate the total item.

## **9.12 Governing Language**

The contract should be written in English language. English language version of the Contract should govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, should be written in the same language.

## **9.13 Applicable Law**

The Contract should be interpreted in accordance with the laws of the Union of India and all disputes should be subject to place of jurisdiction. The place of jurisdiction would be New Delhi (Delhi) INDIA.

## **9.14 Taxes**

Suppliers should be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods/ Services. EdCIL shall only make payment towards GST charged in the invoices and shall not make any payment towards any taxes (other than GST) or any other incidental charges payable by the supplier

for supply of material up to the place of delivery.

#### **9.15 Application Specialist**

The Tenderer should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office.

#### **9.16 Spare Parts**

The Supplier should be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- a) Such spare parts as EdCIL should elect to purchase from the Supplier, providing that this selection should not relieve the Supplier of any warranty obligations under the Contract; and
- b) In the event of termination of production of the spare parts:
  - Advance notification to EdCIL of the pending termination, in sufficient time to permit EdCIL to procure needed requirements; and following such termination, furnishing at no cost to EdCIL, the blueprints, drawings and specifications of the spare parts, if requested.
- c) Supplier should carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components should be supplied as promptly as possible but in any case within six months of placement of order.

#### **9.17 Product Life**

The Models offered should strictly conform to the specifications given in the product literature and these models should be supported for a minimum period of 5 years including warranty period. The Models proposed/ marked for withdrawal from the market and the models under quality testing should not be offered.

In addition to the above, if any additional/ enhanced configuration is suggested in view of technological changes, it may be furnished as optional feature with/without cost duly explaining the additional utility of the offered model in both the technical offer document as well as Commercial Offer document. However, the basic quote should be confined only to the configuration/ model offered for.

#### **9.18 Defective supply of items**

- a) If any of the items supplied by the Tenderer is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the items or its part. The rates of such items should be refunded by the Tenderer with 18% interest if such

payments for such items have already been made.

- b) All damaged or unapproved goods should be returned at successful bidder's cost and risk and the incidental expenses incurred thereon should be recovered from the successful bidder. Defective part in items, if found before installation and/or during warranty period, should be replaced within 30 days on receipt of the intimation from this office at the cost and risk of successful bidder including all other charges. In case successful bidder fails to replace above item as per above terms & conditions, EdCIL should consider "Banning" the supplier.

#### **9.19 Termination for Default**

EdCIL should, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

- a. If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by EdCIL; or
- b. If the Supplier fails to perform any other obligation(s) under the Contract.
- c. If the Supplier, in the judgment of EdCIL has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- d. For the purpose of this Clause:
  - **“Corrupt practice”** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
  - **“Fraudulent practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid rates at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;”
  - In the event EdCIL terminates the Contract in whole or in part, EdCIL should procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier should be liable to EdCIL for any excess costs for such similar Goods or Services. However, the Supplier should continue the performance of the Contract to the extent not terminated.
- e. In case supplier fails to submit the PBG within stipulated time, EdCIL reserves the right to terminate the contract without any further notice.

#### **9.20 Termination for convenience**

The EdCIL reserves the right to terminate the contract at any time without assigning any reason thereof.

### **9.21 Training of Personnel**

The supplier should be required to undertake to provide the technical training to the personnel involved in the use of the items at the Institute premises, immediately after completing the installation of the items for a minimum period of one week at the supplier's cost.

### **9.22 Disputes and Jurisdiction**

Any legal disputes arising out of any breach of contract pertaining to this tender should be settled in the court of competent jurisdiction located within New Delhi.

### **9.23 Award of Contract**

- a) EdCIL reserves the right to accept or reject any proposal and to annul the bidding process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the Bidders. In case of annulment, all proposals submitted and specifically, proposal securities shall be promptly returned to the Bidder.
- b) EdCIL has the right to review at any time prior to award of contract that the qualification criteria, as specified elsewhere in this tender document are still being met by the Bidder whose offer has been determined as first rank. A proposal shall be rejected if the qualification criteria is no longer met by the Bidder whose offer has been determined as first rank.

### **9.24 Negotiations**

Normally Negotiations are not allowed. However, if required, for price justification and work methodology discussions may be held at the address indicated in the Data Sheet. Representatives available for discussions on behalf of the Bidder must have written authority to present technical, financial and other terms and conclude a legally binding agreement.

### **9.25 Acknowledgement**

It is hereby acknowledged that bidder have gone through all the conditions mentioned above and bidder agree to abide by them.

**ANNEXURE-I**

**TECHNICAL COMPLIANCE DECLARATION SHEET**

We hereby confirm that we are complying with the technical specifications as specified in the tender document and the offer is submitted in accordance with the technical requirements. All relevant documents in support of our claims are enclosed at the following pages:

Signature of Bidder: \_\_\_\_\_

Name of Bidder: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Mobile: \_\_\_\_\_

## ORGANISATION DECLARATION SHEET

## &lt;&lt; Bidder's Organization Letter Head &gt;&gt;

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

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, We/ OEM has agreed to support the project on regular basis with technology/ product updates and extend support for the warranty.

The rates quoted in the financial bids are subsidized due to academic discount given to EdCIL INDIA LTD.

We, further specifically certify that our organization has not been Blacklisted/ De Listed/ Debarred or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS OF THE Vendor/ Manufacturer/ Agent
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 TIN Number	
7 PAN Number	
(In case of on-line payment of EMD) 8 UTR No. (For EMD)	
9 Kindly provide bank details of the bidder in the following format: a) Name of the Bank	
b) Account Number	

c) Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful bidder	
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**(Signature of the Tenderer)**

**Name:** \_\_\_\_\_

**Seal of the Company**

**LETTER OF UNDERTAKING**

**(ON THE LETTER HEAD OF THE BIDDER)**

To

Chief General Manager (EIS & EPS)  
EdCIL (India) Limited (EdCIL)  
EdCIL House, 18 A, Sector-16 A,  
NOIDA – 201301 (U.P.), India

Sir,

**SUBJECT- Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).**

This bears reference to EdCIL Bid No. **EdCIL/EIS-EPS/PGCIL/2025/2** Dated \_\_\_\_\_. We, hereby, accept all the terms and conditions for submitting bid as mentioned in this Bid Document.

We hereby certify that no terms and conditions have been stipulated by us in the Financial Bid.

We warrant that the services do not violate or infringe upon any patent, copyright, trade secret or other property right of any other person or other entity. We agree that we shall not prevent EdCIL from any claim or demand, action or proceeding, directly or indirectly resulting from or arising out of any breach or alleged breach of any of the terms & conditions of bid document and contract.

The above document is executed on (date) \_\_\_\_\_ at (place) \_\_\_\_\_ and we accept that if anything out of the information provided by us is found wrong, our bid/ work order shall be liable for rejection.

Thanking you,  
Yours faithfully,

Name of the Bidder \_\_\_\_\_

Authorized Signatory \_\_\_\_\_

Seal of the Organization \_\_\_\_\_

Date:

Place:

**SELF-DECLARATION – NON-BLACKLISTING**

<<<on a non-judicial stamp paper of Rs. 100/->>>

This is to confirm that we M/s \_\_\_\_\_ (give full address) have not been declared neither **failed to perform on any Agreement, nor have been expelled from any project or Agreement nor any Agreement terminated** for breach by the us (Agency) in any of the Central/ State Government/ PSUs/ Autonomous Bodies or by any other Client in India, in last five year before release of advertisement.

If the above information found false at any stage after the placement of Work Order/ Agreement, EdCIL (India) Limited (EdCIL), 18-A, Sector 16-A, Noida will have full right to cancel the Contact and forfeit the Performance Guarantee. All the direct and indirect cost related to the cancellation of the order will be borne by us besides any legal action by EdCIL which shall be deemed fit at that point of time.

Authorized Signatory

***Note: The undertaking regarding the non-blacklisting of firm is to be submitted on a non-judicial stamp paper of Rs. 100/- (Rupees Hundred only).***

**POWER OF ATTORNEY**

Know all men by these presents, we ..... (name of firm and address of the registered office) do hereby constitute, nominate, appoint and authorize Mr./ Ms. .... son/ daughter/ wife of ..... and presently residing at ....., who is presently employed with /retained by us and holding position of ..... as our true and lawful attorney.

(hereinafter referred to as the “Authorized Representative”) to do in our name and on our behalf, all such acts, deeds and things are as necessary or required in connection with or incidental to submission of our proposal for and selection as the <project title> for the <name of the client> (EdCIL) ..... project, proposed to be developed by the ..... (the “client” (EdCIL)) including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre bid and other conferences and providing information /responses to the client, representing us in all matters before the Client (EdCIL), signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with the client (EdCIL) in all matter in connection with or relating to or arising out of our Proposal for the said project /or upon award thereof to us till the entering into of the Agreement with the client (EdCIL).

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawful done or caused to be done by our said Authorized Representative pursuant to and in exercise of the powers conferred by this power and Attorney and that all acts, and things done by our said Authorized Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

[IN WITNESS WHEREOF WE ..... THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON

THIS ..... DAY OF .....2025.

For ..... (Name and registered address of client (EdCIL))

(Signature, name, designation, and address)

Witness:

1. (Signature, name and address)
2. (Signature, name and address)

Notarized

Accepted

.....

(Signature, name, designation, and address of the attorney)

Notes:

1. The mode of the execution of the power of Attorney shall be in accordance with the procedure, if any, lay down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under seal affixed in accordance with the required procedure.
2. Wherever required, the applicant should be submitted for verification the extract of the charter documents and other documents such as a resolution/Power of Attorney in favor of the person executing this Power of Attorney for delegation of power hereunder on behalf of the applicant.
3. For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power and Attorney is being issued. However, the Power of Attorney provided by the applicants from countries that have signed The Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy it is carries a conforming Apostle certificate.

## LETTER OF BID SUBMISSION

To,

Chief General Manager (EIS & EPS),  
EdCIL (India) Limited,  
EdCIL House, 18A, Sector- 16A,  
NOIDA- 201 301 (U.P)

**SUBJECT- Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).**

***-Submission of Bid -***

Sir,

Having examined the details given in Press Notice, Notice Inviting Bid & Bid Document for the above work, I/we hereby submit the relevant information.

1. I/ We hereby certify that all the statements made and information supplied in the enclosed form \_\_\_\_\_ and accompanying statements are true and correct.
2. I/ we certify that we have not changed/ altered any word/ sentence or any figure in number/s or words appearing the original tender document uploaded by EdCIL on the designated web page for e-tendering. In case, if a fraudulent activity is found at any stage between tender submission to final closure of the tender/ contract, our candidature/ bid/ contract shall be immediately cancelled and EMD/ Performance security along with the due amount towards the work executed or advance shall be forfeited. EdCIL will not entertain any claim or entertain any reason for this intentional act. EdCIL may go for legal action against the bidder for recovering any one or all damages caused to EdCIL or its client on this account.
3. I/ We have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
4. I/ We submit the following **certificates** in support of our suitability, technical knowledge and capability for having successfully completed the following works:

S. No.	Name of Work	Certificate From

5. Earnest Money Deposit amounting to Rs. ----- in the form of DD/ Pay Order No. ----- dated ----- issued by ----- Bank is submitted.
6. Demand Draft of Rs. \_\_\_\_\_ towards Bid document cost (if applicable).

7. We confirm that each page of our submission including all supporting documents bears signature with date, name of the signatory, designation of the signatory and firm seal.

Enclosures:

Date of Submission:

Signature of Bidder

Name of the Bidder: \_\_\_\_\_

Designation: \_\_\_\_\_

Seal of the Organization: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

**ANNEXURE-VII****ANNUAL AVERAGE TURNOVER**

<b>Sl. No.</b>	<b>Financial Year</b>	<b>Annual Turnover, Rs.</b>	<b>Net Worth, Rs.</b>	<b>Net Profit, Rs.</b>
1.	2022-23			
2.	2023-24			
3.	2024-25			
<b>Total</b>				
<b>Average</b>				

Note: Certificate from Statutory Auditors / Chartered Accountant certifying above information for all three years to be enclosed.

**Signature with Seal of the Chartered Accountant**

**Signature with Seal of the Bidder**

**UDIN No:**

**ANNEXURE-VIII**

**DETAILS OF SIMILAR PROJECTS COMPLETED DURING LAST 5 YEARS**

List of similar projects for whom the Bidder has undertaken such work during last seven years (must be supported with work orders)

<b>S. No</b>	<b>Name of the Client with address</b>	<b>Name of the Project and brief description</b>	<b>Description &amp; Quantity of ordered items</b>	<b>Value (Incl. Tax)</b>	<b>Date of award</b>	<b>Date of Completion</b>	<b>Name of Contact Person and other details</b>
1.							
2.							
3.							
4.							
5.							
6.							
7							
8							

Signature of Bidder

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Contact No. : \_\_\_\_\_

**ANNEXURE-IX**

**LIST OF APPLICATION SPECIALIST/ SERVICE ENGINEER FOR WARRANTY SUPPORT**

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.			
Name of the organization	Name of Contact Person	Designation	Contact No.

Signature of Bidder

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Contact No. : \_\_\_\_\_

**PERFORMANCE BANK GUARANTEE FORMAT**

Name of the Bank: \_\_\_\_\_

To

EdCIL (India) Limited, Noida

In consideration of the Chairman and Managing Director, EdCIL acting through \_\_\_\_\_ (Designation & address of Contract Signing Authority), (hereinafter called “**EdCIL (India) Limited**” having agreed under the terms and conditions of agreement/ Contract Acceptance letter No. \_\_\_\_\_ dt \_\_\_\_\_ Made between \_\_\_\_\_ (Designation & address of contract signing Authority) and \_\_\_\_\_ (here in after called “the said Agency” for the work \_\_\_\_\_ (here in after called “the said agreement”) having agreed for submission of a irrevocable Bank Guarantee Bond for ₹ \_\_\_\_\_ ( ₹ \_\_\_\_\_ only) as a performance security Guarantee from the Agency for compliance of his obligations in accordance with the terms & conditions in the said agreement.

1. We \_\_\_\_\_ (Indicate the name of the Bank) hereinafter referred to as the Bank, undertake to pay to the EdCIL (India) Limited an amount not exceeding ₹ \_\_\_\_\_ ( ₹ \_\_\_\_\_ only) on demand by the EdCIL (India) Limited.
  
2. We \_\_\_\_\_ (Indicate the name of the bank, further agree that ( and promise) to pay the amounts due and payable under this guarantee without any demur merely on a demand from the EdCIL (India) Limited through the CGM, EdCIL (India) Limited or \_\_\_\_\_ (Designation & Address of contract signing authority), stating that the amount claimed is due by way of loss or damage caused to or would be caused or suffered by the EdCIL (India) Limited by reason of any breach by the said Agency of any of the terms of conditions contained in the said agreement or by reason of the Agency failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹ \_\_\_\_\_ ( ₹ \_\_\_\_\_ Only).
  
3. (A) We \_\_\_\_\_ (indicate the name of Bank ) further undertake to pay to the EdCIL (India) Limited any money so demanded notwithstanding any dispute or dispute raised by the Agency in any suite or proceeding pending before any court or Tribunal relating to liability under this present being absolute and unequivocal.  
  
(B) The payment so made by us under this Performance Guarantee shall be a valid discharge of our liability for payment there under and the Agency shall have no claim against us for making such payment.

4. We \_\_\_\_\_ (Indicate the name of bank) to further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the EdCIL (India) Limited under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged by \_\_\_\_\_

(Designation & Address of contract signing authority) on behalf of the EdCIL (India) Limited certify that the terms and conditions of the said agreement have been fully and properly carried out by the said Agency and accordingly discharges this guarantee.

- 5 (a) Notwithstanding anything to the contrary contained herein the liability of the bank under this guarantee will remain in force and effect until such time as this guarantee is discharged in writing by the EdCIL (India) Limited or until (date of validity/ extended validity) whichever is earlier and no claim shall be valid under this guarantee unless notice in writing thereof is given by the EdCIL (India) Limited within validity/ extended period of validity of guarantee from the date aforesaid.

(b) Provided always that we \_\_\_\_\_ (indicate the name of the Bank) unconditionally undertakes to renew this guarantee or to extend the period of guarantee form year to year before the expiry of the period or the extended period of the guarantee, as the case shall be on being called upon to do so by the EdCIL (India) Limited If the guarantee is not renewed or the period extended on demand, we \_\_\_\_\_ (indicate the name of the Bank) shall pay the EdCIL (India) Limited the full amount of guarantee on demand and without demur.

6. We \_\_\_\_\_ ( indicate the name of Bank ) further agree with the EdCIL (India) Limited that the EdCIL (India) Limited shall have the fullest liberty without our consent and without effecting in any manner out of obligations hereunder to vary any of the terms and conditions of the said contract from time to time or to postpone for any time or from time to time any to the powers exercisable by the EdCIL against the said Agency and to forbear or enforce any of the terms and conditions of the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Agency for any bearance act or omission on the part of the EdCIL (India) Limited or any indulgence by the EdCIL (India) Limited to the said Agency for by any such matter or thing whatsoever under the law relating to sureties for the said reservation would relive us from the liability.

7. This guarantee will not be discharged by any change in the constitution of the Bank or the Agency.

8. We, \_\_\_\_\_ (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the EdCIL (India) Limited in writing.

9. This guarantee shall be valid up to (Date of Completion plus Handholding Period). Unless extended on demand by EdCIL (India) Limited Notwithstanding anything to the contrary contained hereinbefore, our liability under this guarantee is restricted to Rs..... (Rs.....only) unless a demand under this guarantee is made on us in writing on or before..... we shall be discharged from our liabilities under this guarantee thereafter.

Dated:           the                   Day of                   For

(indicate the name of bank)

Signature of Banks Authorized official

Witness                                   (Name)\_\_\_\_\_

Designation with Code No. -----

1   Full Address-----

2.

**LIST OF AUTHORISED BANKS FOR BG**

Following banks are permissible for accepting Bank Guarantees:

**SCHEDULED PUBLIC SECTOR BANKS**

<b>Sr. No</b>	<b>Name of the Bank</b>
1	Bank of Baroda
2	Bank of India
3	Bank of Maharashtra
4	Canara Bank
5	Central Bank of India
6	Indian Bank
7	Indian Overseas Bank
8	Punjab & Sind Bank
9	Punjab National Bank
10	State Bank of India
11	UCO Bank
12	Union Bank of India

**SCHEDULED PRIVATE SECTOR BANKS**

<b>Sr. No</b>	<b>Name of the Bank</b>
1	HDFC Bank Ltd
2	ICICI Bank Ltd
3	Axis Bank Ltd
4	Kotak Mahindra Bank Ltd
5	IndusInd Bank Ltd

**PROFORMA PRE CONTRACT INTEGRITY PACT**

**GENERAL**

This pre-contract Agreement (hereinafter called the Integrity Pact) is made on \_\_\_ day of the month of .... 2025, between, on one hand, acting through Shri/Smt. \_\_\_\_\_, Designation, EdCIL (India) Limited (hereinafter called the “BUYER”/ “EdCIL” interchangeably, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part

**AND**

M/s \_\_\_\_\_ represented by Shri \_\_\_\_\_, Chief Executive Officer (hereinafter called the “BIDDER/Seller” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the EdCIL proposes to procure services towards “\_\_\_\_(TITLE OF THE TENDER)-----” for its clients and BIDDER/ Seller is willing to offer the said services and related items as referred to in the Bid document no. .... Dated ..... 2025.

WHEREAS the BIDDER is a private company /public company / Government undertaking / partnership / registered expert agency, constituted in accordance with the relevant law in the matter and the EdCIL is a Public Sector Undertaking under Ministry of Education performing its functions.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence / prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:

Enabling the EdCIL to obtain the desired services as referred to in the Bid document no. .... dated .....2025 at a competitive rate in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement and Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the EdCIL will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

**1. Commitments of EdCIL**

1. The EdCIL undertakes that no official of the EdCIL, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or

immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

2. The BUYER will, during the pre-contract stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
  3. All the officials of the EdCIL will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the EdCIL with full and verifiable facts and the same is prima facie found to be correct by the EdCIL, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the EdCIL and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the EdCIL the proceedings under the contract would not be stalled.

**3. Commitments of Bidders**

The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

1. The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the EdCIL, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
2. The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the EdCIL or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with the Government.
3. Bidders shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.

4. BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
5. The BIDDER further confirms and declares to the EdCIL that the BIDDER is the original manufacturer/integrator/authorized government sponsored export entity and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the EdCIL or any of its functionaries, whether officially or unofficially to the award to the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation, as the case shall be for satisfactory performance of the proposed terms of Bidder.
6. The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the EdCIL or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
7. The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
8. The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
9. The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the EdCIL as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
10. The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
11. The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
12. If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the EdCIL, or alternatively, if any relative of an officer of the EdCIL has financial interest/ stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of Bid.
13. The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the EdCIL.

#### **4. PREVIOUS TRANSGRESSION**

1. The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this integrity pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the bid process.
2. The BIDDER agrees that if it makes incorrect statement on this subject. BIDDER can be disqualified from the Bid process or the contract, if already awarded, can be terminated for such reason.

#### **5. EARNEST MONEY DEPOSIT**

1. While submitting Technical bid, the BIDDER shall deposit an amount of Rs. .... as Earnest Money with the EdCIL through Account Payee Bank Draft or a Pay Order in favour of EdCIL (India) Limited.
2. The instrument for Security Deposit made shall be valid up to the specified period and the bidder shall be liable to keep the said instrument valid for such extended period as the case shall be for satisfactory performance of the terms of Bidder above referred till the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the EdCIL, including warranty period, whichever is later.
3. In case of the successful bidder a clause would also be incorporated in the Article pertaining of Performance Bond in the corresponding Contract governing such agreement that the provisions of Sanctions for Violation shall be applicable for encashment of Performance Bank Guarantee deposited towards forfeiture of said amount in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing such sanction.
4. No interest shall be payable by the EdCIL to the BIDDER on Earnest Money Deposit for the period of its currency.

#### **6. SANCTIONS FOR VIOLATIONS**

1. Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the EdCIL to take all or any one of the following actions, wherever required:
  - i. To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
  - ii. The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit / Performance Bond (Bank Guarantee) (after the contract is signed) shall stand

forfeited either fully or partially, as decided by the EdCIL and the BUYER (EdCIL) shall not be required to assign any reason therefore.

- iii. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
  - iv. To recover all sums already paid by the EdCIL, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR as the case shall be. If any outstanding payment is due to the BIDDER from the EdCIL in connection with any other contract for any other stores or on any account whatsoever and by whatsoever name called, such outstanding payment could also be utilized to recover the aforesaid sum and interest thereto.
  - v. To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the EdCIL, along with interest.
  - vi. To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the EdCIL resulting from such cancellation/rescission and the EdCIL shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
  - vii. To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which shall be further extended at the discretion of the EdCIL.
  - viii. To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
  - ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the EdCIL with the BIDDER, the same shall not be opened.
  - x. Forfeiture by way of encashment of Performance Bond in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
2. The EdCIL will be entitled to take all or any of the actions mentioned at Para 6.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of any offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
  3. The decision of the EdCIL to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER.

However, an Independent Monitor(s) shall be appointed by EdCIL, in case of breach of the provisions of the pact.

## **7. INDEPENDENT MONITORS**

1. An Independent monitor (s) shall be appointed by EdCIL, in case of breach of the provisions of the pact.
2. The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
3. The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
4. Both the parties accept that the Monitors have the right to access all the documents relating to the project / procurement, including minutes of meetings.
5. As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the EdCIL.
6. The BIDDER(s) accept that the Monitor has the right to access without restriction to all Project documentation of the EdCIL including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Sub-bidders. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Sub-bidder(s) with confidentiality.
7. The EdCIL will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.
8. The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department/within 8 to 10 weeks from the date of reference or intimation to him by the EdCIL / BIDDER and, shall the occasion arise, submit proposals for correcting problematic situations.

## **8. FACILITATION OF INVESTIGATION**

In case of any allegation of violation of any provisions of this Pact or payment of commission, the EdCIL or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

## **9. LAW AND PLACE OF JURISDICTION**

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the EdCIL.

**10. OTHER LEGAL ACTIONS**

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that shall follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

**11. VALIDITY**

1. The validity of this Integrity Pact shall be governed by the terms of the NIT No. \_\_\_\_\_ towards complete execution of the contract to the satisfaction of both the EdCIL and the BIDDER/Seller, including warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract awarding the Bidder with successful bidder.

2. Shall one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

12. The parties hereby sign this Integrity Pact at \_\_\_\_\_ on \_\_\_\_\_.

EdCIL (India) Limited

BIDDER

Name of the Officer :

CHIEF EXECUTIVE OFFICER

Designation:

Witness:

Witness

a) \_\_\_\_\_

1. \_\_\_\_\_

b) \_\_\_\_\_

2. \_\_\_\_\_

(The Pre Contract Integrity Pact shall be modified based in line with the conditions of the Bid Documents).

**ORIGINAL EQUIPMENT MANUFACTURER (OEM) AUTHORIZATION FORM**

(General Proforma)

No. \_\_\_\_\_ dated \_\_\_\_\_

To,

\_\_\_\_\_

Dear Sir/Madam:

Bid No. \_\_\_\_\_

We \_\_\_\_\_ who are established and reputed manufacturer of \_\_\_\_\_ (name and description of goods offered) having factories at \_\_\_\_\_ (address of factory) with factory registration no. \_\_\_\_\_ do hereby authorize M/s \_\_\_\_\_ (Name and address of Agent) to submit a bid, and sign the contract with you for the goods manufactured by us against the above bid.

We hereby extend our full warranty as per the required conditions of Contracts, for the goods and services offered for supply by the above firm against this Invitation for Bid. We further certify that we shall support vendor with all related spares and maintenance during the entire contract period including the period of warranty and AMC (if applicable); as per tender and we also declare that the product proposed in this contract will not be end of support till the contract period.

We also certify that the proposed products meet the technical & functional requirements & also products quoted are of latest version (the release date should not be more than one year).

Yours faithfully,

(Name): \_\_\_\_\_

(Name of manufacturers): \_\_\_\_\_

**Note: This letter of authority should be on the letterhead of the manufacturer or OEM and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.**

TENDER COMPLIANCE SHEET

***\*\*Technical Specifications shall be as per BOQ.***

**CONTRACT FORM**

**THIS AGREEMENT** made the ..... day of ..... 2025 between .....EdCIL (hereinafter called "the Purchaser") on behalf of Power Grid Corporation of India Ltd. Gorakhpur (UP) of the one part and ..... (Name & address of Supplier) ..... (Hereinafter called "the Supplier") of the other part:

**WHEREAS** the Purchase is desirous that certain Goods and ancillary services viz. .... (Brief Description of Goods and Services) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of ..... (Contract Prize in words and Figures) (Hereinafter called "the Contract Rate")

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and constructed as part of this Agreement, viz.,
  - [a] The Price Schedule submitted by the Bidder;
  - [b] The Schedule of Requirements;
  - [c] The Terms & Conditions
  - [d] EdCIL's Notification of Award/ Purchase Order
3. In consideration of the payments to be made by EdCIL to the Supplier as hereinafter mentioned, the Supplier hereby covenants with EdCIL to provide the goods and services and to remedy defects herein in conformity in all respects with the provisions of the Contract.
4. EdCIL hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract rates or such other sum as shall become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services, which shall be supplied/ provided by the Supplier, are as under:

<b>S. No.</b>	<b>Brief Description of Goods &amp; Services</b>	<b>Quantity to be supplied</b>	<b>Unit Rate</b>	<b>Total Rate</b>	<b>Delivery Terms</b>

**TOTAL VALUE:**

**DELIVERY SCHEDULE:**

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

Signed, Sealed and Delivered by the

said ..... (For EdCIL)

in the presence of .....

Signed, Sealed and Delivered by the

said ..... (For the Supplier)

in the presence of .....

**DELIVERY CERTIFICATE**

(to be completed by EdCIL/ Client)

1. The items mentioned as per details given below, have been physically verified by way of opening the cartons/packing and verifying the items/ goods supplied and model of the items/ goods. It is certified and acknowledged that the same have been received at this Institution in good condition.

Sl. No.	Sl. No. (As per Work Order)	Description of items	Origin	Model & Make	Quantity

Please make appropriate column, as per requirement.

2. The items as per details given below was/were received in damaged conditions and therefore are not acceptable. These damaged goods/ items have been returned to the supplier and supplier is required to supply the new item in lieu of damaged one.

**Details of the Goods/ items received in objectionable condition**

Sl. No.	Sl. No. (As per Work Order)	Description of items	Origin	Model & Make	Quantity

Date: \_\_\_\_\_

(Signature of the issuing official)

(Authorized Official, Client)

Name \_\_\_\_\_

Designation \_\_\_\_\_

Rubber Seal of the Institution

Received the Acknowledgement Certificate

Date: \_\_\_\_\_

Signature of Supplier or his Authorized Representative

Name: \_\_\_\_\_

### INSTALLATION CERTIFICATE

*(to be completed and issued by EdCIL/ Client)*

1. The following goods/ items, supplied by the Supplier at this Institute have been successfully installed by the Supplier.

Sl. No.	Sl. No. (As per Work Order)	Description of Items with specifications	Origin	Model & Make	Quantity

2. The Supplier has fulfilled his contractual obligations related to supply & installation of the items.

or

3. The Supplier has not fulfilled his contractual obligation with regard to following. (Mention here **deviation**, if any, related to successful installation.)

(a)

(b)

(c)

Date:

(Signature of the issuing official)  
(Authorized Official, Client)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Rubber Seal of the Institution

Received the Acceptance Certificate

Date:

Signature of Supplier or his Authorized Representative

Name: \_\_\_\_\_

**HANDING OVER CERTIFICATE**

The following goods, supplied by the Supplier at ITI, Gorakhpur have been successfully installed, commissioned and handed over by the supplier.

Sl. No.	Description of items	Serial No of Device (Wherever possible)	Make	Model	Quantity
1					

**Remarks:**

\_\_\_\_\_

\_\_\_\_\_

**Signature of Supplier or its representative**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

Rubber Seal: \_\_\_\_\_

**Signature of Client official**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

Rubber Seal of the institution

**Verified by EdCIL representative.**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date : \_\_\_\_\_

**ANNEXURE-XIX****MANDATE FOR ELECTRONIC FUND TRANSFER THROUGH RTGS**

1	Name of the Grantee Organization	EdCIL (India) Limited
2	Address of the Grantee organization	EdCIL House, Plot No. 18A, Sector-16A, Noida- 201301
3	Telephone No	0120-2512001-006, FAX- 0120-2515372
4	Particular of Bank Account	
A	Bank Name	State Bank of India
B	Branch Name & Address	(00691) New Delhi Main Branch-11, Parliament Street, New Delhi, NCT of Delhi - 110001
C	City of the Bank Branch	Delhi
D	9 Digit MICR Code Number of Branch	110002087
E	Type of Account	Current Account
F	BSR code of Bank (4 Digit code)	0000691
G	Account Number (15-digit code (in digit))	36830596465
H	Account Number (15-digit code (in words))	Three Six Eight Three Zero Five Nine Six Four Six Five
I	IFSC Code	SBIN0000691
J	Customer ID	829441
K	Whether this branch is RTGS enabled	Yes

**FINANCIAL BID**  
**(To be uploaded separately)**

## **FINANCIAL BID**

### **Instructions to Bidders**

- 1.** Financial Bid shall be submitted with full price details.

Financial Bid shall contain only the prices duly filled in as per the format given in Schedule of Rates provided in the tender document.

- 2.** The Bidder should quote for all the items listed in this document. In case, the Bidder/s does not quote for all the items, the Bid shall be treated as incomplete and shall be rejected summarily.
- 3.** The Items to be supplied/ installed/ commissioned at Industrial Training Institute (ITI)- Gorakhpur (UP). The rate shall be inclusive of all charges including transportation (as per the location), packing, loading and unloading (at designated location), storage and Insurance etc. and nothing shall be paid extra.
- 4.** The bid shall be evaluated on total value of all items as shown in summary and supply order shall be placed to a bidder as a composite bid.
- 5.** The prices quoted by the bidder shall be fixed for the quantity mentioned for the duration of the contract and shall not be subject to adjustment on any account. Price should be firm for any positive or negative variation in quantities up to 100%.
- 6.** Price bid has to be filled online on EdCIL's E-tendering Portal. In case, the financial bid documents are not complete in all respect the same should be treated as incomplete at financial bid stage and shall be considered non-responsive

**FINANCIAL BID SUBMISSION LETTER**

<<On Bidder's Letter head>>

**To,**

**Chief General Manager (EIS & EPS),  
EdCIL (India) Limited,  
EdCIL House, 18A, Sector- 16A,  
NOIDA- 201 301 (U.P)**

**SUBJECT-** Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).

Sir/Madam,

We, the undersigned, offer to provide "Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP) " services in accordance with your RFP dated \_\_\_\_\_ subsequent corrigendum (if any). Our attached financial proposal is attached in a sealed cover. This amount is including of all the taxes. Details of taxes are provided in the financial bid format.

**1. PRICE AND VALIDITY**

- All the rates mentioned in our bid are in accordance with the terms as specified in the detailed terms of reference documents. All the rates and other terms and conditions of this Bid are valid for the entire duration of the contract.
- We hereby confirm that we understand that all the applicable taxes shall be including in the prices mentioned in the Financial Bid.

**2. QUALIFYING DATA**

We confirm having submitted the information as required by the detailed terms of reference document. We are not submitting any assumptions or conditions with our financial proposal as it is all inclusive proposal. EdCIL reserves the right to reject our proposal in case of any discrepancy or conditions found with our proposal.

**3. BID PRICE**

We declare that our Bid Price is for the entire scope of the work as specified in the detailed terms of reference document. Our bid prices are mentioned in the submitted Financial Bid.

Our Financial Bid shall be binding upon us subject to expiration of the validity period of the Proposal.

We understand you are not bound to accept any proposal you receive. We hereby declare that our bid is made in good faith, without collusion or fraud and the information contained in the bid is true and correct to the best of our knowledge and belief.

Thanking you,

(Authorized Signatory of Bidder)

Signature:

Name:

Designation:

Address:

Seal:

Date:

## FORM-1

### Summary of Financial Bid

(to be uploaded online in excel sheet provided with the tender document):

PowerGrid ITI Workshop Cost Summary		
Sl.	Particular	Amount (Inclusive of Tax) (Rs.)
1	Fitter	-
2	Electrician	-
3	Surveyor	-
4	Draughtsman	-
5	Computer Hardware & Network M.	-
6	Others	-
	<b>Total</b>	-

Note:

1. Unit price should include the **cost of warranty for 03 year** and freight and other charges such as loading/unloading, storage etc.
2. In case of discrepancy between unit price and total amount, the unit price shall prevail.
3. Bids shall be evaluated based on total amount with taxes.
4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.
5. All the electrical items should be purchased with "Star rating" as available in market. So that the power consumption may be reduced.

(Authorized Signatory of the bidder)

Signature:

Name:

Designation:

Address:

Seal:

Date:

**FORM-2**  
**(FINANCIAL BID)**  
**BILL OF QUANTITIES (To be filled as per Excel Sheet)**



EdCIL (India) Limited  
(A Govt. of India Mini Ratna Enterprises)  
'EdCIL House', Plot No. 18A, Sector- 16A  
NOIDA – 201301 (UP), INDIA



**PRICE BID**

**FORM-1**

<b>NIT NUMBER</b>	EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025
<b>NAME OF WORK</b>	Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).
<b>NAME OF FIRM/BIDDER</b>	
<b>GST NUMBER</b>	

**PGCIL ITI Workshop Cost Estimate**

Sl.	Particular	Estimated Amount (Rs.)
1	Fitter	₹ 0
2	Electrician	₹ 0
3	Surveyor	₹ 0
4	Draughtsman	₹ 0
5	Computer Hardware & Network M.	₹ 0
6	Others	₹ 0
	<b>Total</b>	<b>₹ 0</b>
	<b>Total Amount (Inclusive of taxes) (in Words):</b>	

Note:

1. Unit price should include the cost of warranty for 03 year and freight and other charges such as loading/unloading, storage etc.
2. In case of discrepancy between unit price and total amount, the unit price shall prevail.
3. Bids shall be evaluated based on total amount with taxes.
4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.
5. All the electrical items should be purchased with "Star rating" as available in market. So that the power consumption may be reduced.

# FITTER

## PRICE BID (FORM-2)

FITTER									
PRICE BID (FORM-2)									
NIT NUMBER	EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025								
NAME OF WORK	Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).								
NAME OF FIRM/BIDDER									
GST NUMBER									
<b>LIST OF TOOLS AND EQUIPMENT (For batch of 20candidates)</b>									
BOQ S. No.	Name of the Tool & Equipment	Specification	Make	Quantity (No.)	Unit Price (Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
<b>A. TRAINEES TOOL KIT (For each additional unit trainees tool kit SL. 1-18 is required additionally)</b>									
F1	Steel Rule with metric & British graduation	150 mm, Stainless steel	Omega/Sharp	21		₹ 0		₹ 0	₹ 0
F2	Try Square.	150 mm blade	Kundan/Crystle	21		₹ 0		₹ 0	₹ 0
F3	Caliper inside spring type.	150 mm	Sagar/Bharat	21		₹ 0		₹ 0	₹ 0
F4	Caliper hermaphrodite spring type	150 mm	Sagar/Bharat	21		₹ 0		₹ 0	₹ 0
F5	Caliper outside spring type	150 mm	Sagar/Bharat	21		₹ 0		₹ 0	₹ 0
F6	Divider spring type	150 mm	Sagar/Bharat	21		₹ 0		₹ 0	₹ 0
F7	Scriber	150 mm	Sagar/Bharat/Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F8	Centre Punch	10 mm and Length - 120 mm	Sagar/Bharat/Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F9	Screw driver	150mm insulated flat type	Venus/Pye/Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F10	Chisel cold flat	20 mm X 150 mm High carbon steel	Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F11	Hammer ball peen with handle	450 grams (1 lb)	Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F12	Hammer ball peen with handle.	220 grams (1/2 lb)	Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F13	File flat - second cut	250 mm	Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F14	File flat smooth	250 mm.	Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F15	File half round second cut	150 mm.	Pye/Tapia/ Freemans/JK	21		₹ 0		₹ 0	₹ 0
F16	Hacksaw frame fixed type	300 mm	Jolly/Hira	21		₹ 0		₹ 0	₹ 0
F17	Safety goggles.		Zoom	21		₹ 0		₹ 0	₹ 0
F18	Dot punch	100 mm	Sagar/Bharat	21		₹ 0		₹ 0	₹ 0
<b>B.1 INSTRUMENTS AND GENERAL SHOP OUTFIT - For 2 (1+1) units no additional items are required</b>									
<b>INSTRUMENTS</b>									
F19	Steel Rule Graduated both in Metric and English Unit	300 mm Stainless steel	Omega/Sharp	4		₹ 0		₹ 0	₹ 0
F20	Straight edge steel	300 mm or above	Standard Quality	2		₹ 0		₹ 0	₹ 0
F21	Spirit Level metal Type - 2	300 mm Basic Length Accuracy 0.1mm/Meter	Standard Quality	1		₹ 0		₹ 0	₹ 0
F22	Stud Extractor EZY - out	Set of 8	Standard Quality	2		₹ 0		₹ 0	₹ 0
F23	Combination Set	300 mm	Insize/Precision /MITUTOYO	2		₹ 0		₹ 0	₹ 0
F24	Micrometer outside.	0 - 25 mm	Insize/Precision /MITUTOYO	2		₹ 0		₹ 0	₹ 0
F25	Micrometer outside.	25 - 50 mm	Insize/Precision /MITUTOYO	2		₹ 0		₹ 0	₹ 0
F26	Micrometer outside.	50 - 75 mm	Insize/Precision /MITUTOYO	2		₹ 0		₹ 0	₹ 0
F27	Micrometer inside with extension rods.	Accuracy 0.01 mm with extension rods up to 150 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0
F28	Vernier caliper	150 mm	Insize/Precision /MITUTOYO	4		₹ 0		₹ 0	₹ 0
F29	Vernier height gauges	0 - 300 mm with least count = 0.02 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0
F30	Vernier bevel protractor Blade with Acute Angle Attachment	300 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0
F31	Screw pitch gauge Metric	0.25 to 6 mm	Standard Quality	1		₹ 0		₹ 0	₹ 0
F32	Wire gauge, metric standard.		Omega/Crystle	1		₹ 0		₹ 0	₹ 0
<b>B 2 GENERAL SHOP OUTFIT</b>									
F33	Surface plate C./Granite with Stand and Cover	600 x 600 mm	Luthra	1		₹ 0		₹ 0	₹ 0
F34	Marking table (Mild steel)	900X900X900 mm	Luthra	1		₹ 0		₹ 0	₹ 0
F35	Universal scribing block.	220 mm	Bharat/Sagar	2		₹ 0		₹ 0	₹ 0
F36	V-Block pair with clamps	150 x 100 x 100 mm	Bharat/Sagar	2		₹ 0		₹ 0	₹ 0
F37	Angle plate	150 X 150 X 250 mm	Luthra	2		₹ 0		₹ 0	₹ 0
F38	Punch letter set.	3 mm	Bharat/Sagar	1		₹ 0		₹ 0	₹ 0

F39	Punch number set.	3 mm	Bharat/Sagar	1		₹ 0		₹ 0	₹ 0
F40	Portable hand drill (Electric)	0 to 13 mm Capacity	Bosch/Black & Deccar	1		₹ 0		₹ 0	₹ 0
F41	Drill twist straight shank	3 mm to 12 mm by 0.5 mm H.S.S.	JK/Mirinda	2		₹ 0		₹ 0	₹ 0
F42	Drill twist Taper shank	8 mm to 20 mm by 0.5 mm H.S.S.	JK/Mirinda	2		₹ 0		₹ 0	₹ 0
F43	Taps and dies complete set in box.	Whitworth	Humma/Metro	1		₹ 0		₹ 0	₹ 0
F44	Taps and dies complete set	5, 6, 8, 10 & 12mm set of 5	Humma/Metro	2		₹ 0		₹ 0	₹ 0
F45	File knife edge smooth	150 mm	JK/Taparia	4		₹ 0		₹ 0	₹ 0
F46	File feather edge smooth	150 mm	JK/Taparia	4		₹ 0		₹ 0	₹ 0
F47	File triangular smooth	200 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F48	File round second cut	200 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F49	File square second cut	250 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F50	Feeler gauge	Gauge Feeler / Thickness - 0.05 mm to 0.3 mm by 0.05 and 0.4 mm to 1 mm by 0.1 mm - 13 leaves	Insize/Precision	1		₹ 0		₹ 0	₹ 0
F51	File triangular second cut.	200 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F52	File flat second cut safe edge.	300 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F53	File flat bastard	200 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F54	File flat bastard.	300 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F55	File Swiss type needle	Set of 12, Length = 150 mm	JK/Taparia	2		₹ 0		₹ 0	₹ 0
F56	File half round second cut.	250 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F57	File half round bastard.	250 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F58	File round bastard.	250 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F59	File hand second cut.	150 mm	JK/Taparia	10		₹ 0		₹ 0	₹ 0
F60	File card./Wire Brush	3"x5" size, brass or steel wire	Standard Quality	10		₹ 0		₹ 0	₹ 0
F61	Oil Can	250 ml	Prima/Kapson	2		₹ 0		₹ 0	₹ 0
F62	Pliers combination insulated	150 mm	Venus/Pye	2		₹ 0		₹ 0	₹ 0
F63	Wooden handle forged Soldering iron copper bit.	230V, 250 W, 350 gm	Standard Quality	2		₹ 0		₹ 0	₹ 0
F64	Blow Lamp	0.5 litre	Prabhat/Std	2		₹ 0		₹ 0	₹ 0
F65	Spanner- Double Ended	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	TAPARIA/Venus/Ambitech	1		₹ 0		₹ 0	₹ 0
F66	Spanner adjustable	150 mm	TAPARIA/Venus/Ambitech	2		₹ 0		₹ 0	₹ 0
F67	Interchangeable ratchet socket set	12 mm driver, sized 10-32 mm set of 18 socket & attachments.	TAPARIA/Venus/Ambitech	1		₹ 0		₹ 0	₹ 0
F68	Double Ended tubular Box spanner set with Tommy bar.	A/F 6-25 mm set of 10 Tommy Bar Dia. 6, 8, 10, 12.	TAPARIA/Venus/Ambitech	1		₹ 0		₹ 0	₹ 0

F69	Glass magnifying	75 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0
F70	Clamp toolmaker	5 cm and 7.5 cm set of 2.	Standard Quality	2		₹ 0		₹ 0	₹ 0
F71	Clamp "C"	100 mm	TAPARIA/Venus/Ambitech	2		₹ 0		₹ 0	₹ 0
F72	Clamp "C"	200 mm	TAPARIA/Venus/Ambitech	2		₹ 0		₹ 0	₹ 0
F73	Hand Reamer set (Taper pin straight flute)	Nominal Dia. 6, 8, 10, 12, 16mm	Standard Quality	1		₹ 0		₹ 0	₹ 0
F74	Machine Reamer parallel (Helical flute)	12 - 16mm set of 5.	Standard Quality	1		₹ 0		₹ 0	₹ 0
F75	Scraper flat	150 mm	Standard Quality	10		₹ 0		₹ 0	₹ 0
F76	Scraper triangular	150 mm	Standard Quality	10		₹ 0		₹ 0	₹ 0
F77	Scraper half round	150 mm	Standard Quality	10		₹ 0		₹ 0	₹ 0
F78	Chisel cold crosscut& diamond point.	9 mm X 150 mm	Standard Quality	10		₹ 0		₹ 0	₹ 0
F79	Chisel cold flat	9 mm X 100 mm	Venus/Taparia	10		₹ 0		₹ 0	₹ 0
F80	Chisel cold round nose	9 mm X 100 mm	Standard Quality	10		₹ 0		₹ 0	₹ 0
F81	Drill chuck with key	12 mm.	Standard Quality	1		₹ 0		₹ 0	₹ 0
F82	Pipe wrench	400 mm	Venus/ANT	1		₹ 0		₹ 0	₹ 0
F83	Pipe vice	100 mm	Humma/Std	1		₹ 0		₹ 0	₹ 0
F84	Adjustable pipe die set BSP	cover pipe size 1" or 3/4"	Standard Quality	1		₹ 0		₹ 0	₹ 0
F85	Wheel dresser (One for 4 units) Star/Dresser with Holder	Length 150 mm, diamond point	Standard Quality	1		₹ 0		₹ 0	₹ 0
F86	Machine vice - Swivel Base	100 mm	Lion/Apex	1		₹ 0		₹ 0	₹ 0
F87	Machine vice - Swivel Base	125 mm	Lion/Apex	1		₹ 0		₹ 0	₹ 0
F88	Sleeve drill Morse	No. 0 - 1, 1 - 2, 2 - 3, 3 - 4, 4 - 5	Standard Quality	1		₹ 0		₹ 0	₹ 0
F89	Vice bench	150 mm	Lion/Apex	20		₹ 0		₹ 0	₹ 0
F90	Bench working. (Fitter)	2400 x 1200 x 900 mm	Standard Quality	4		₹ 0		₹ 0	₹ 0
F91	Almirah.	1800 x 900 x 450 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0
F92	Lockers with 8 drawers (standard size).	One locker for each trainee	Standard Quality	3		₹ 0		₹ 0	₹ 0
F93	Metal rack	1820 x 1820 x 450 cm	Standard Quality	1		₹ 0		₹ 0	₹ 0
F94	Black board with easel.	4x6 feet Non Magnetic type	Standard Quality	1		₹ 0		₹ 0	₹ 0
F95	Fire extinguisher (For 4 Units)	CO2 type, 3 kg capacity	Standard Quality	2		₹ 0		₹ 0	₹ 0
F96	Fire buckets	Standard size	Standard Quality	4		₹ 0		₹ 0	₹ 0
F97	Machine vice.	100mm	Lion/Apex	2		₹ 0		₹ 0	₹ 0
F98	Wing compass.	254 mm or 300 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0
F99	Hand hammer with handle.	1000 gm	Standard Quality	1		₹ 0		₹ 0	₹ 0
F100	Torque wrench (Standard/Ratchet type)	14 to 68 Nm	Macmaster/Std	1		₹ 0		₹ 0	₹ 0
F101	Power tools for fastening	Capacity 10-18mm	Bosch	1		₹ 0		₹ 0	₹ 0
F102	Different Profile gauges (Plate type) - For demonstration	Metric standard	Standard Quality	4		₹ 0		₹ 0	₹ 0
F103	Knurling tool (Diamond, straight & Diagonal)		Standard Quality	1		₹ 0		₹ 0	₹ 0
F104	Indexable boring bar with inserts	1" shank	Standard Quality	4		₹ 0		₹ 0	₹ 0
F105	Machine maintenance manual for Lathe, Pedestal grinder, Drill machine, Power saw		Standard Quality	1		₹ 0		₹ 0	₹ 0
F106	Temperature gauge	Range 0 - 150°C	Standard Quality	1		₹ 0		₹ 0	₹ 0
F107	Dowel pin (straight)	Dia. - 1" Length - 4" (Mat: Stainless Steel)	Standard Quality	1		₹ 0		₹ 0	₹ 0
F108	Standard Tap screws	M3, M4, M5, M6, M8, M10, M12, M14, M16	Standard Quality	1		₹ 0		₹ 0	₹ 0
F109	Lapping plate	Dia. - 6"	Luthra	2		₹ 0		₹ 0	₹ 0
F110	Medium carbon Heat treated alloy steel Metric Studs and bolts along with nuts (for display) of standard length (May be manufactured in-house)	M6, M8, M10, M12, M14, M16 (Standard)	Standard Quality	2		₹ 0		₹ 0	₹ 0
F111	Caps screws	M6, M8, M10, M12	Standard Quality	2		₹ 0		₹ 0	₹ 0
F112	Drill gauges	Letter drill gauge (A to Z), Number drill gauge (1 to 60), Metric drill gauge (1.5mm to 12.5mm, 30 holes)	Standard Quality	2		₹ 0		₹ 0	₹ 0
F113	Cast Iron Globe Valve (Flanged type)	150NB, Class# 150 Flange: ANSI125-B16.1	Standard Quality	2		₹ 0		₹ 0	₹ 0
F114	C.I. Sluice / Gate valve (flanged type)	150NB, Class# 150 Flange: ANSI125-B16.1	Standard Quality	2		₹ 0		₹ 0	₹ 0
F115	Stop cock	25NB (2-way, Threaded end)	Standard Quality	2		₹ 0		₹ 0	₹ 0
F116	M.S. Pipe	150NB, Sch.40, ERW, IS:1239 (Length)	Standard Quality	10		₹ 0		₹ 0	₹ 0

F117	G.I. Pipe	25mm, Sch.40, ERW (Length)	Standard Quality	10		₹ 0		₹ 0	₹ 0	
F118	Slip-on Forged steel Flange	150NB, ANSI-B16.5, Class#150	Standard Quality	4		₹ 0		₹ 0	₹ 0	
F119	Bolt & Nut with washer (May be manufactured in-house)	M20x2.5x90Long (part thread - Hex. Head)	Standard Quality	20		₹ 0		₹ 0	₹ 0	
F120	Pipe threading die with handle	Ratchet type Die head of 1/2", 3/4" and 1"	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F121	Jigs & Fixture (sample)-For demonstration (May be manufactured in-house)		Standard Quality	1		₹ 0		₹ 0	₹ 0	
F122	Pulleys (for V-belt or Flat belt)	to fit on 50mm dia. Shaft with key slot	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F123	Steel keys (May be manufactured in-house)	to fit with key slot of shaft & pulley	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F124	Damaged old spur gear	to fit 50mm dia. Shaft	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F125	V-belt and Flat belt	to fit on pulley	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F126	Packing gasket	PTFE gasket roll small size	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F127	Washer, clutch, keys, jib, cotter & circlip	minimum 25mm size, carbon steel material	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F128	Hollow punch	Straight Shank Hollow Punch Sets 5-12mm	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F129	Drill Drift (May be manufactured in-house)	200mm hardened and black finish	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F130	Bearing different types	each type of diameter 25mm (min.)	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F131	Lifting sling	8mm Nominal Dia. Single leg sling	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F132	Bearing extractor	Universal gear puller 2 or 3 jaws adjustable	Ambitech/Taparia	1		₹ 0		₹ 0	₹ 0	
F133	Pulley extractor	- do -	Ambitech/Taparia	1		₹ 0		₹ 0	₹ 0	
<b>C. TOOLS FOR ALLIED TRADE - SHEET METAL WORKER</b> (Note: - Those additional items are to be provided for the Allied Trade Training where the Sheet Metal trade does not exist.)								₹ 0	₹ 0	₹ 0
F134	Trammel	300 mm	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F135	Pocker		Standard Quality	2		₹ 0		₹ 0	₹ 0	
F136	Prick punch	100 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F137	Mallet.	Dia. 100 mm X 150 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F138	Aviation Snips straight Cut	300 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F139	Flat headed hammers with handle.		Standard Quality	2		₹ 0		₹ 0	₹ 0	
F140	Planishing hammer.		Standard Quality	2		₹ 0		₹ 0	₹ 0	
F141	Snip bent Left Cut	250 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F142	Stake hatchet with Leg.	300 X 200 X 20 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0	
F143	Stake grooving.	100 X 100 X 300 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0	
<b>D. 1 MODIFIED LIST OF TOOLS FOR THE 2ND YEAR FOR FITTER TRADE</b>										
<b>INSTRUMENT</b>										
F144	Slip Gauge as Johnson metric set.	87 Pieces Set	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F145	Gauge snap Go and Not Go	25 to 50 mm by 5 mm, Set of 6 pieces	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F146	Gauge plug	Single ended 5 to 55 by 5 mm. Set of 11 pcs.	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F147	Gauge telescopic set.	8 - 150 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F148	Dial test indicator on stand	0.01 mm least count	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F149	Sine bar	125 mm	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F150	Dial Vernier caliper. (Universal type)	0 - 300 mm, LC 0.05 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F151	Screw thread micrometer with interchangeable. Pitch anvils for checking metric threads 60.	0 - 25 mm LC 0.01 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F152	Depth micrometer. 0-25 mm	Accuracy 0.01 mm with standard set of extension rods up to 200 mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F153	Digital vernier caliper.	0 - 150 mm with least count 0.02mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F154	Digital Micrometer outside.	0 - 25 mm L.C. 0.001 mm.	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F155	Comparators Gauge - Dial Indication with Stand and Bracket.	LC 0.01mm	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F156	Engineer's try square (knife-edge)	150 mm Blade	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F157	Surface roughness comparison plates	N1 - N12 Grade	Standard Quality	1		₹ 0		₹ 0	₹ 0	
F158	Digital Vernier caliper	0 - 200 mm L.C. 0.01 mm (Optional)	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
F159	Vernier Bevel protector	Range 360deg, L.C. : 5min(150mm blade)	Insize/Precision /MITUTOYO	1		₹ 0		₹ 0	₹ 0	
<b>GENERAL SHOP OUTFIT</b>								₹ 0	₹ 0	₹ 0

F160	Carbide Wear Block.	1 mm - 2 mm		Standard Quality	2		₹ 0		₹ 0	₹ 0
F161	Lathe tools H.S.S. tipped set.			Standard Quality	2		₹ 0		₹ 0	₹ 0
F162	Lathe tools bit.	6 mm x 75 mm HSS/Carbide		Standard Quality	2		₹ 0		₹ 0	₹ 0
F163	Lathe tools bit.	8 mm x 75 mm HSS/Carbide		Standard Quality	2		₹ 0		₹ 0	₹ 0
F164	Lathe tools bit.	10 mm x 75 mm HSS/Carbide		Standard Quality	2		₹ 0		₹ 0	₹ 0
F165	Arm strong type tool bit holder.	Right hand		Standard Quality	2		₹ 0		₹ 0	₹ 0
F166	Arm strong type tool bit holder.	Left hand		Standard Quality	2		₹ 0		₹ 0	₹ 0
F167	Arm strong type tool bit holder.	Straight		Standard Quality	2		₹ 0		₹ 0	₹ 0
F168	Stilson wrenches/pipe wrench	250 mm		Venus/Ambitech	2		₹ 0		₹ 0	₹ 0
F169	Pipe cutter wheel type.	6 mm to 25 mm		Inder/Std	1		₹ 0		₹ 0	₹ 0
F170	Pipe bender machine spool type with stand manually operated.	up to 25 mm cold bending		Standard Quality	1		₹ 0		₹ 0	₹ 0
F171	Adjustable pipe chain tonge to take pipes	up to 300 mm		Standard Quality	1		₹ 0		₹ 0	₹ 0
F172	Adjustable spanner.	380 mm long		Venus/Ambitech	1		₹ 0		₹ 0	₹ 0
<b>E. GENERAL MACHINERY INSTALLATION</b>							₹ 0		₹ 0	₹ 0
F173	SS and SC centre lathe (all geared) with minimum specification	<p>Lathe Machine Specification</p> <ul style="list-style-type: none"> <li>• Height of centers – Minimum 150 mm,</li> <li>• Centre distance – Minimum 750 mm</li> <li>• Max Swing over bed – Minimum 350 mm</li> <li>• Max Swing over carriage Minimum 200mm</li> <li>• Width of bed – Minimum 200 mm</li> <li>• Distance between centers – Minimum 750 mm</li> <li>• Spindle speed - 12 min (from 32 to 1200 rpm)</li> <li>• Spindle Bore Dia – 35mm or more</li> <li>• Feed: longitudinal - 18 from 0.05 to 2.50 mm/rev</li> <li>• Feed: cross – 18 from 0.01 to 0.50 mm/rev</li> <li>• Main motor - 3/1500 kW/rpm</li> <li>• Power of coolant motor - Minimum 60 w</li> <li>• Motor capacity minimum 5.5 KW</li> <li>• Four jaw independent chuck of min.</li> <li>• 150 mm diameter</li> <li>• Three jaw self centering chuck</li> <li>• minimum 150 mm</li> <li>• Tailstock spindle gradual (marking scale)</li> <li>• Tailstock base off set gradual</li> </ul> <p>Features :</p> <p>Induction harden Bed way, one-piece complete stand Auto feed system Built in coolant tank with motorized Coolant System Metallic covers for rear splash guard, chuck guard and tool guard. Telescopic covers for guide way are not mandatory</p>		Standard Quality	2		₹ 0		₹ 0	₹ 0
F174	Pillar Type Drilling machine	Sensitive 0-20 mm cap. with swivel table motorized with chuck & key.		Standard Quality	1		₹ 0		₹ 0	₹ 0
F175	Drilling machine bench	Sensitive 0-12 mm cap motorized with chuck and key.		Steco	2		₹ 0		₹ 0	₹ 0
F176	D.E. pedestal Grinding machine with wheels rough and smooth	2 H.P.-3Phase-415V, 1500 rpm,250 dia. wheel		Standard Quality	1		₹ 0		₹ 0	₹ 0
<b>G. LIST OF TOOLS &amp; ACCESSORIES FOR PNEUMATICS AND HYDRAULICS</b>							₹ 0		₹ 0	₹ 0
F177	Compressor unit	suitable for Pressure: 8 bar, Delivery: 50 lpm (or more), Reservoir capacity: 24 Litres (or more), 230V, 50 Hz, with pressure regulator and water separator			1		₹ 0		₹ 0	₹ 0
F178	Pneumatic Trainer Kit, each consisting of the following matching components and accessories:	<b>Please Quote in this row for complete unit (1 Complete Set)</b>		Standard Quality	1					
	I. Single acting cylinder	Max. stroke length 50 mm, Bore dia. 20 mm		Standard Quality	1					
	II. Double acting cylinder	Max. stroke length 100 mm, Bore dia 20 mm, magnetic type		Standard Quality	1					
	III. 3/2-way valve	manually-actuated, Normally Closed		Standard Quality	2					
	IV. 3/2-way valve	pneumatically-actuated, spring return		Standard Quality	1					
	V. One-way flow control valve			Standard Quality	2					
	VI. 5/2-way valve	with manually-operated switch		Standard Quality	1					
	VII. 5/2-way valve	pneumatically-actuated, spring return		Standard Quality	1					
	VIII. 5/2-way pneumatic actuated valve	double pilot		Standard Quality	1					
	IX. 3/2-way roller lever valve	direct actuation Normally Closed		Standard Quality	2					
	X. Shuttle valve (OR)			Standard Quality	1		₹ 0		₹ 0	₹ 0
	XI. Two-pressure valve (AND)			Standard Quality	1					
	XII. Pressure gauge	0-16 bar		Standard Quality	1					
	XIII. Manifold with self-closing	NRV, 6-way		Standard Quality	1					
	XIV. Pushbutton station for electrical signal input	with 3 illuminated momentary-contact switches (1 NO + 1 NC) and 1 illuminated maintained- contact switch (1 NO + 1 NC), Contact load 2A		Standard Quality	1					
	XV. Relay station	with 3 relays each with 4 contact sets (3NO+1NC or Change-over type), 5 A		Standard Quality	1					
	XVI. 3/2-way single solenoid valve	with LED		Standard Quality	1					
	XVII. 5/2-way single solenoid valve	with manual override and LED		Standard Quality	1					
	VIII. 5/2-way double solenoid valve	with manual override and LED		Standard Quality	1					
	XIX. Power supply unit,	Input voltage 85 – 265 VAC, Output voltage: 24 V DC, Output current: max. 4.5 A, short-circuit-proof.		Standard Quality	1					
	XX. Profile plate, Anodised Aluminium	1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the pneumatic workstation)		Standard Quality	1					

F179	Pneumatic Workstation with 40 square mm aluminium profile legs, wooden work surface, and one pedestal drawer unit having 5 drawers, each with handles and individual locks, on metallic full panel drawer slide:	(1) Worktable – Size (Approx.) L1200mmxW900mmxH900 mm, with four castor wheels including two lockable wheels at the front side, (2) Drawer – Size (Approx.) – L460mmxW495mm xH158mm each, and overall size of Drawer unit (Approx.) L470mmxW495mmxH825m m and (3) Drawer slide height (Approx.) 85mm.	Standard Quality	1	₹ 0	₹ 0	₹ 0
F180	Carrier for mounting components, such as PB & relay boxes.		Standard Quality	1	₹ 0	₹ 0	₹ 0
F181	Cut section model for pneumatic components	The sectioned parts to be complete in itself to demonstrate the internal construction details. - The Cut section model components should be mounted on a suitable frame. - The model shall have a detachable transparent fabric sheet all around for protection against dust and moisture List of Componentets: 1. Filter 2. Oil/Water Separator 3. Ball Valve 4. Unloader Valve, 5. Solenoid Valve, 6. Relay Valve, 7. Air Drier 8. Filter/Regular/Lubricator(FRL)	Standard Quality	1	₹ 0	₹ 0	₹ 0
F182	Hydraulic Trainer Kit, each consisting of the following matching components and accessories:	<b>Please Quote in this row for complete unit (1 Complete Set)</b>	Standard Quality	1			
	I. Hydraulic Power pack	with (1) external gear pump having a delivery rate of 2.5 lpm, (approx.) @ 1400 rpm operating pressure 60 bar, coupled to a single-phase AC motor (230 V AC) having start capacitor and ON/OFF switch and overload protection, (2) pressure relief valve adjustable from 0 – 60 bar, (3) oil reservoir, ≥5 litres capacity having sight glass, drain screw, air filter, and P and T ports.	Standard Quality	1			
	II. Pressure relief valve	pilot-operated	Standard Quality	1			
	III. Drip tray, steel	size 1160 mm x 760 mm.	Standard Quality	1			
	IV. Pressure Gauge	Glycerin-damped, Indication range of: 0 – 100 bars	Standard Quality	1			
	V. Four-Way distributor	with five ports, equipped with a pressure gauge	Standard Quality	1			
	VI. Double acting hydraulic cylinder	with a control cam, Piston diameter16 mm, Piston rod diameter10 mm, Stroke length 200 mm.	Standard Quality	1			
	VII. Suitable Weight	for vertical loading of hydraulic cylinder	Standard Quality	1			
	VIII. Mounting kit for weight	for realizing pulling and pushing load.	Standard Quality	1	₹ 0	₹ 0	₹ 0
	IX. 3/2-way directional control valve	with hand lever actuation.	Standard Quality	1			
	X. 4/2-way directional control valve	with hand lever actuation.	Standard Quality	1			
	XI. 4/3-way directional control valve	closed-centre position, with hand lever actuation.	Standard Quality	1			
	XII. Non-return valve.		Standard Quality	1			
	XIII. Pilot-operated check valve	Pilotto open.	Standard Quality	1			
	XIV. One-way flow control valve	Withintegrated check valve.	Standard Quality	1			
	XV. T-Connector with self-sealing coupling nipples (2 Nos.) and quick coupling socket (1 No.).		Standard Quality	2			
	XVI. Profile plate,	Anodised Aluminium, 1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the Hydraulic workstation)	Standard Quality	1			
F183	Hydraulic Workstation with 40 square mm aluminium profile legs, wooden work surface, and one pedestal drawer unit having 5 drawers, each with handles and individual locks, on metallic full panel drawer slide.	(1) Worktable – Size (Approx.) L1200mmxW900mmxH900 mm, with four castor wheels including two lockable wheels at the front side, (2) Drawer – Size (Approx.) – L460mmxW495mm xH158mm each, and overall size of Drawer unit (Approx.) L470mmxW495mmxH825m m and (3) Drawer slide height (Approx.) 85mm.	Standard Quality	1	₹ 0	₹ 0	₹ 0
F184	Cut-section models for hydraulic components		Standard Quality	1	₹ 0	₹ 0	₹ 0
<b>Total</b>				<b>890</b>	<b>₹ 0</b>	<b>₹ 0</b>	<b>₹ 0</b>
<b>Note:</b>							
1. Unit price should include the cost of warranty for 03 year and freight and other charges such as loading/unloading, storage etc.							
2. In case of discrepancy between unit price and total amount, the unit price shall prevail.							
3. Bids shall be evaluated based on total amount with taxes.							
4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.							
5. All the tools and equipment should be as per BIS specification.							
6. All the electrical items should be purchased with "Star rating" as available in market.							
So that the power consumption may be reduced.							

# Electrician

PRICE BID (FORM-2)

NIT NUMBER		EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025							
NAME OF WORK		Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).							
NAME OF FIRM/BIDDER									
GST NUMBER									
List of Tools & Equipment ELECTRICIAN (for batch of 20 candidates)									
BOQ S. No.	Name of the Tool & Equipment	Specification	Make	Quantity (No.)	Unit Price (Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
A. TRAINEES TOOL KIT (For each additional unit trainees tool kit Sl. 1-12 is required additionally)									
E1	Measuring Steel Tape	5 meter	Freeman	21		₹ 0		₹ 0	₹ 0
E2	Combination Plier Insulated	200 mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E3	Screwdriver Insulated	4mm X 150 mm, Diamond Head	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E4	Screwdriver Insulated	6mm X 150 mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E5	Electrician screwdriver thin stem insulated handle	4mm X 100 mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E6	Heavy Duty Screwdriver insulated	5mm X 200 mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E7	Electrician Screwdriver thin stem insulated handle	4mm X 250 mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E8	Punch Centre	9mm X 150 mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E9	Knife Double Bladed Electrician	100 mm	Standard Quality	21		₹ 0		₹ 0	₹ 0
E10	Neon Tester	500 V	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E11	Steel Rule Graduated both in Metric and English Unit	300 mm with precision of 1/4th mm	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
E12	Hammer, cross peen with handle	250 grams	Venus/Pye/Taparia	21		₹ 0		₹ 0	₹ 0
B. SHOP TOOLS & EQUIPMENT – For 2 (1+1) units no additional items are required									
(i) List of Tools & Accessories									
E13	Hammer, ball peen With handle	500 grams	Venus/Pye/Taparia	4		₹ 0		₹ 0	₹ 0
E14	Pincer	150 mm	Standard Quality	4		₹ 0		₹ 0	₹ 0
E15	C- Clamp	200 mm and 100 mm	Taparia/BST	2		₹ 0		₹ 0	₹ 0
E16	Spanner Adjustable drop forged, SS	150 mm & 300mm	Venus/ANT	2		₹ 0		₹ 0	₹ 0
E17	Blow lamp brass	0.5 ltr	Prabhat	1		₹ 0		₹ 0	₹ 0
E18	Chisel Cold	25 mm X 200 mm	Taparia/Venus	2		₹ 0		₹ 0	₹ 0
E19	Chisel firmer with wooden Handle	6 mm X 200 mm	Natraj/Bharat	2		₹ 0		₹ 0	₹ 0
E20	Allen Key alloy steel	1.5-10 mm (set of 9)	Taparia/Venus	1		₹ 0		₹ 0	₹ 0
E21	Grease Gun	0.5 ltr. Capacity	Kapson/prima	1		₹ 0		₹ 0	₹ 0
E22	Bradawl		Standard Quality	2		₹ 0		₹ 0	₹ 0
E23	Pully Puller with 3 legs	150 mm & 300mm	Taparia/Ambika	1		₹ 0		₹ 0	₹ 0
E24	Bearing Puller (inside and outside)	200 mm	Taparia/Ambika	1		₹ 0		₹ 0	₹ 0
E25	Pipe vice Cast Iron with hardened jaw open type	100 mm	Humma/BST	2		₹ 0		₹ 0	₹ 0
E26	Scissors blade, SS	200mm	Standard Quality	4		₹ 0		₹ 0	₹ 0
E27	Scissors blade, SS	150 mm	Standard Quality	2		₹ 0		₹ 0	₹ 0
E28	Crimping Tool	1.5 sq mm to 16 sq mm	Jaipson	2		₹ 0		₹ 0	₹ 0
E29	Crimping Tool	16 sq mm to 95 sq mm	Jaipson	2		₹ 0		₹ 0	₹ 0
E30	Wire Cutter and Stripper	150 mm	Venus/Pye	4		₹ 0		₹ 0	₹ 0
E31	Mallet hard wood	0.50 kg	Standard Quality	4		₹ 0		₹ 0	₹ 0

E32	Hammer Extractor type	250 grams	Venus/Pye	4		₹ 0	₹ 0	₹ 0
E33	Hacksaw frame	Adjustable 300 mm Fixed 150 mm	Jolly/Hira	2		₹ 0	₹ 0	₹ 0
E34	Try Square	150 mm blade	Kundan/Kranti	4		₹ 0	₹ 0	₹ 0
E35	Outside Calliper	150 mm spring type	Bharat/Sagar	2		₹ 0	₹ 0	₹ 0
E36	Inside Calliper	150 mm spring type	Bharat/Sagar	2		₹ 0	₹ 0	₹ 0
E37	Divider	150 mm spring type	Bharat/Sagar	2		₹ 0	₹ 0	₹ 0
E38	Pliers long nose insulated	150 mm	Venus/Pye	4		₹ 0	₹ 0	₹ 0
E39	Pliers flat nose insulated	200 mm	Venus/Pye	4		₹ 0	₹ 0	₹ 0
E40	Pliers round nose insulated	100 mm	Venus/Pye	4		₹ 0	₹ 0	₹ 0
E41	Tweezers	150 mm	Standard Quality	4		₹ 0	₹ 0	₹ 0
E42	Snip Straight and Bent heavy duty	250 mm	Standard Quality	2		₹ 0	₹ 0	₹ 0
E43	D.E. metric Spanner Double Ended	6 - 32 mm	Venus/Ambika	2		₹ 0	₹ 0	₹ 0
E44	Drill hand brace	0-100mm	Standard Quality	4		₹ 0	₹ 0	₹ 0
E45	Drill S.S. Twist block	2 mm, 5 mm and 6 mm set of 3	JK/Mirinda	2		₹ 0	₹ 0	₹ 0
E46	Plane cutters	50 mm X 200mm	BST/STD	2		₹ 0	₹ 0	₹ 0
E47	Smoothing cutters	50 mm X 200mm	BST/STD	2		₹ 0	₹ 0	₹ 0
E48	Gauge, wire imperial stainless steel marked in SWG & mm	Wire Gauge - Metric	Omega/Crystle	3		₹ 0	₹ 0	₹ 0
E49	File flat	200 mm 2nd cut with handle	JK/Taparia	6		₹ 0	₹ 0	₹ 0
E50	File half round	200 mm 2nd cut with handle	JK/Taparia	4		₹ 0	₹ 0	₹ 0
E51	File round	200 mm 2nd cut with handle	JK/Taparia	4		₹ 0	₹ 0	₹ 0
E52	File flat rough	150 mm with handle	JK/Taparia	4		₹ 0	₹ 0	₹ 0
E53	File flat bastard	250 mm with handle	JK/Taparia	4		₹ 0	₹ 0	₹ 0
E54	File flat smooth	250 mm with handle	JK/Taparia	4		₹ 0	₹ 0	₹ 0
E55	File Rasp, half round	200 mm bastard with handle	JK/Taparia	4		₹ 0	₹ 0	₹ 0
E56	Copper bit soldering iron.	0.25 kg	Standard Quality	2		₹ 0	₹ 0	₹ 0
E57	De soldering Gun	Heat proof nozzle, PVC type, 250mm	Tony/Soldron	2		₹ 0	₹ 0	₹ 0
E58	Hand Vice	50 mm jaw	Lion/Apex	4		₹ 0	₹ 0	₹ 0
E59	Table Vice	100 mm jaw	Lion/Apex	5		₹ 0	₹ 0	₹ 0
E60	Oil Can	250 ml	Prima/Kapson	2		₹ 0	₹ 0	₹ 0
E61	Contactors & auxiliary contacts	3 phase, 415 Volt, 25 Amp with 2 NO and 2 NC	Standard Quality	2		₹ 0	₹ 0	₹ 0
E62	Contactors & auxiliary contacts.	3 phase, 415 volt, 32 Amp with 2 NO and 2 NC	Standard Quality	2		₹ 0	₹ 0	₹ 0
E63	Limit Switch	Limit Switch, Liver operated 2A 500v, 2-contacts	Standard Quality	2		₹ 0	₹ 0	₹ 0
E64	Rotary Switch	16 A/440v	Standard Quality	2		₹ 0	₹ 0	₹ 0
E65	Relay- a. Cut out Relays b. Reverse current	a. 16A, 440V b. 16A, 440V c. 16A, 440V d. 360V-440V	Standard Quality	2		₹ 0	₹ 0	₹ 0
E66	Pin Type, shackle type, egg type & suspension type insulators including hardware fitting		Standard Quality	2		₹ 0	₹ 0	₹ 0
E67	Hydrometer		Standard Quality	2		₹ 0	₹ 0	₹ 0
E68	Hand Drill Machine	0-6 mm capacity	Standard Quality	2		₹ 0	₹ 0	₹ 0
E69	Portable Electric Drill Machine	0-12 mm capacity 750w, 240v with chuck and key	Bosch/Black & Deccar	1		₹ 0	₹ 0	₹ 0
E70	Load Bank ( Lamp / heater Type)	6 KW, 3Ph	Standard Quality	1		₹ 0	₹ 0	₹ 0
E71	Brake Test arrangement with two spring balance rating	0 to 25 kg	Standard Quality	1		₹ 0	₹ 0	₹ 0
E72	Laboratory Type Induction Coil	1000 W	Standard Quality	2		₹ 0	₹ 0	₹ 0

E73	Out Side Micrometer	0 - 25 mm least count 0.01mm	Insize/Precision	2		₹ 0		₹ 0	₹ 0
E74	Thermometer Digital	0° C - 150° C	Standard Quality	1		₹ 0		₹ 0	₹ 0
E75	Series Test Lamp	230V, 60W	Standard Quality	4		₹ 0		₹ 0	₹ 0
E76	Knife Switch DPDT fitted with fuse terminals	16 Amp	Standard Quality	4		₹ 0		₹ 0	₹ 0
E77	Knife Switch TPDT fitted with fuse terminals	16 Amp/ 440 V	Standard Quality	4		₹ 0		₹ 0	₹ 0
E78	Miniature circuit Breaker	16 amp	Standard Quality	2		₹ 0		₹ 0	₹ 0
E79	Earth Plate	60cm X 60cm X 3.15mm Copper Plate 60cm X 60cm X 6mm GI Plate	Standard Quality	1		₹ 0		₹ 0	₹ 0
E80	Earth Electrode	Primary Electrode 2100x28x3.25mm Secondary Cu Strip 20x5mm	Standard Quality	1		₹ 0		₹ 0	₹ 0
E81	MCCB	100Amps, Triple pole	Standard Quality	1		₹ 0		₹ 0	₹ 0
E82	ELCB and RCCB	25Amps, double pole and 25Amps, double pole, Idn 30 mA	Standard Quality	1		₹ 0		₹ 0	₹ 0
E83	Fuses	HRC Glass Rewire Type	Standard Quality	4		₹ 0		₹ 0	₹ 0
E84	Rheostat (Sliding type)	0 - 25 Ohm, 2 Amp 0 - 300 Ohm, 2 Amp 0 - 1 Ohm, 10Amp	Standard Quality	1		₹ 0		₹ 0	₹ 0
E85	Capacitors	Electrolytic Ceramic Polyester film Variable Dual run	Standard Quality	2		₹ 0		₹ 0	₹ 0
E86	Various Electronic components	Resistors, Diode, Transistor, UJT, FET, SCR, DIAC, TRAIAC, IGBT, Small transformer etc. (each)	Standard Quality	14		₹ 0		₹ 0	₹ 0
E87	Various Lamps	Halogen Incandescent Lamp Fluorescent tube HP mercury vapor Lamp High-pressure sodium Lamp Low-pressure sodium Lamp LED (1 Each)	Standard Quality	6		₹ 0		₹ 0	₹ 0
E88	Plug socket Piano Switch Lamp Holder	230 V, 5 A	Standard Quality	2		₹ 0		₹ 0	₹ 0
E89	Cables: Twisted Pair Non-Metallic Sheathed Cable Underground Feeder Cable Ribbon	1 mtr each	Standard Quality	1		₹ 0		₹ 0	₹ 0
E90	Bus bar with brackets	1 mtr each	Standard Quality	3		₹ 0		₹ 0	₹ 0
E91	Rubber mat	2' x 4' x 1"	Standard Quality	2		₹ 0		₹ 0	₹ 0
E92	Electrician Helmet	Yellow Colour	Standard Quality	2		₹ 0		₹ 0	₹ 0
E93	RCC Pole with accessories (MS angle iron, 'C' clamp, stay insulator etc.) and materials	6 Mtr	Standard Quality	1		₹ 0		₹ 0	₹ 0
E94	Safety Belt	Standard quality	Standard Quality	2		₹ 0		₹ 0	₹ 0
<b>(ii) List of Equipment</b>									
E95	Ohm Meter: Series Type & Shunt Type, portable box type	50/2000-ohm analog Ohm Meter: Series Type & Shunt Type Technical Specification Measuring range:200mohm, 2ohm, 20ohm, 200ohm, 2kohm, 20kohm 200kohm Output current: 100mA at 200mohm, 2ohm : 10mA at 20ohm : 1mA at 200ohm : 100microA at 2kohm, 20kohm : 10microA at 200kohm Resolution: 10micro ohm at 200mohm, 2ohm : 0.1micro ohm at 20ohm : 1mohm at 200ohm : 10mohm at 2kohm : 100mohm at 20kohm : 1ohm at 200kohm Open circuit voltage: <1.0V at 200mohm, 2ohm, 20ohm : <4.0V at 200ohm, 2kohm, 20kohm, 200kohm Power requirement: 220 VAC +10% , 50 Hz Weight : 3.0Kg Approx. Dimensions (mm): 280(L) x 220(B) x 90(H) Standard Accessories :	Standard Quality	2		₹ 0		₹ 0	₹ 0
E96	Digital Multi Meter	DC 200mv -1000v, 0 -10A & AC 200mv- 750v, 0-10A, resistance 0-20 MΩ and 3 1/2 digit Digital Multi Meter Technical Specifications: DC Voltage range :200mV, 2V, 20V, 200V, 600V Accuracy : +(0.5% + 4 Digit) DC Current range : 200mA, 2mA, 20mA, 200mA, 10A Accuracy : +(1.5% + 3 Digit) AC Voltage range : 200V, 600V Accuracy : +(1.2% + 10 Digit) Resistance range : 200ohm, 2Kohm, 20Kohm, 200Kohm, 20Mohm Accuracy : +(0.8% + 5 Digit) Input impedance : 1M ohm Sampling Rate : 3s AC Frequency Response : 40 ~ 200Hz Power requirement : Battery 9V (Included) Standard Accessories : Probes, Batteries, Instruction manual	Standard Quality	9		₹ 0		₹ 0	₹ 0
E97	A.C. Voltmeter M.I. analog, portable box type housed in Bakelite case	Multi range 75 V - 150V - 300V - 600V	Standard Quality	3		₹ 0		₹ 0	₹ 0
E98	Milti Voltmeter centre zero analog, portable box type housed in Bakelite case	100 - 0 - 100 mV	Standard Quality	2		₹ 0		₹ 0	₹ 0
E99	Ammeter MC analog, portable box type housed in Bakelite case	0 - 500 mA, 0-5 A, 0-25 A	Standard Quality	2		₹ 0		₹ 0	₹ 0

E100	AC Ammeter MI, analog, portable box type housed in Bakelite case	0 - 1 A, 0-5 A, 0-25 A	Standard Quality	2		₹ 0	₹ 0	₹ 0
E101	Kilo Wattmeter Analog	0-1.5-3KW, pressure coil rating- 240v/440v, current rating-5A/10A Analogue, portable type Housed in Bakelite case	Standard Quality	2		₹ 0	₹ 0	₹ 0
E102	Digital Wattmeter	230 V, 1 KW, 50 Hz	Standard Quality	2		₹ 0	₹ 0	₹ 0
E103	A.C. Energy Meter	Single Phase, 10 A, 240 V induction type	Standard Quality	2		₹ 0	₹ 0	₹ 0
E104	A.C. Energy Meter	Three Phase, 15 A , 440 V induction type	Standard Quality	2		₹ 0	₹ 0	₹ 0
E105	Power Factor Meter Digital	440 V, 20 A, Three Phase portable box type	Standard Quality	2		₹ 0	₹ 0	₹ 0
E106	Frequency Meter	45 to 55 Hz	Standard Quality	2		₹ 0	₹ 0	₹ 0
E107	Magnetic Flux Meter	0-500 testa	Standard Quality	2		₹ 0	₹ 0	₹ 0
E108	Lux meter	lux meter LCD read out 0.05 to 7000 lumens with battery.	Standard Quality	2		₹ 0	₹ 0	₹ 0
E109	Tachometer Analog	Analog Type - 10000 RPM	Standard Quality	1		₹ 0	₹ 0	₹ 0
E110	Tachometer Digital	Digital Photo Sensor Type - RPM 10000 Tachometer Technical Specification : Measuring range : Photo/Laser : 5-99,999 RPM : Contact : 5-19,999 RPM, 0.05-999.9m/min (0.2-6.560ft/min) Measuring distance: Photo/Laser : max.2.0 meters Measuring angle: Photo/Laser : 600 : Contact : 1200 Resolution :0.1 RPM (< 1000 RPM), 1.0RPM (>1000 RPM) Accuracy : ±0.05% +1 digit Laser output: <1mW, Class II Sampling time: 1 secretary. (over 6 RPM)	Standard Quality	1		₹ 0	₹ 0	₹ 0
E111	Tong Tester / Clamp Meter	0 - 100 A (Digital Type) Tong Tester / Clamp Meter Technical Specification : DC Voltage range : 400, 600V Accuracy : +1.0% AC Voltage range : 400, 600V Accuracy : + 1.5% AC Current range : 40, 400A Accuracy : + 2.0% Resistance : 400ohms Accuracy : + 1.0% Clamp size : 28mm (max.) Battery : 1.5V x 2 (Included)	Standard Quality	2		₹ 0	₹ 0	₹ 0
E112	Megger	Analog - 500 V	Standard Quality	1		₹ 0	₹ 0	₹ 0
E113	3- point D.C. Starter	For 2.5 KW DC motor 3-point D.C. starters Technical Specifications: 3 Point DC motor starter is essential for over load protection, no volt protection, starting huge current protection Type : 3 Point Terminals : (L,A,F)are available from starter. These 3 terminal L(line),A(armature),F(field) must b connected to supply Terminal, motor armature terminal, and shunt field terminal Protection : Coil for overload protection and switch for over current protection	Standard Quality	1		₹ 0	₹ 0	₹ 0
E114	4- point D.C. Starter	For 2.5 KW DC motor 4-point D.C. starters Technical Specifications: 4 Point DC motor starter is essential for over load protection, no volt protection, starting huge current protection Type : 4 Point Terminals : (L,A,F)are available from starter. These 3 terminal L(line),A(armature),F(field) must b connected to supply Terminal, motor armature terminal, and shunt field terminal Protection : Coil for overload protection and switch for over current protection	Standard Quality	1		₹ 0	₹ 0	₹ 0
E115	Wheat Stone Bridge with galvanometer and battery	Wheat Stone Bridge with galvanometer & battery Technical Specification Series Arm : Four decade dial in steps of 1000W, 100W, 10W, 1W . Ratio Arm : The ratio arm of bridge are capable of Selecting multiplying factor of 0.001, 0.01, 0.1, 1, 10, 100,1000 for resistance measurement & varley loop test & ratio M10, M100, M1000 for Murray loop test. One selectable switch with option for Murray (M) loop & For resistance/Varley (VR) loop test. One galvanometer fitted inside the box with option of external or internal galvanometer with terminal . Two press keys provided marked as initial & final. Two toggle switches are provided one for internal or external battery and other for direct or shunted sensitivity of galvanometer.	Standard Quality	1		₹ 0	₹ 0	₹ 0
E116	Single Phase Variable Auto Transformer	0 - 270 V, 10Amp (Air cooled) Variable Auto Transformer Technical Specifications: Variable Auto Transformer 0-270VAC Input Single Phase 230V Output Voltage 0-270VAC Output Current 10Amps	Standard Quality	2		₹ 0	₹ 0	₹ 0
E117	Phase Sequence Indicator	3 Phase, 415 V	Standard Quality	2		₹ 0	₹ 0	₹ 0
E118	Growler	230 V, 50 Hz, Single Phase, Adjustable jaws, Testing armature with ampere meter and testing probes.	Standard Quality	1		₹ 0	₹ 0	₹ 0
E119	AC Starters: -	For A.C Motors of 2 to 5 H.P. a. Resistance type starter b. Direct online Starter c. Star Delta Starter- Manual d. Star Delta Starter – Semi automatic e. Star Delta Starter – Fully automatic f. Star Delta Starter - Soft starter g. Auto Transformer type	Standard Quality	1		₹ 0	₹ 0	₹ 0

E120	Oscilloscope Dual Trace	<ul style="list-style-type: none"> <li>• DC ~ 30MHz</li> <li>• Inbuilt 6 Digit seven segment display frequency counter (30MHz)</li> <li>• Dual channel, X Y mode</li> <li>• 6" display cathode ray tube, sensitivity triggering up to 1mV/division</li> <li>• TV synchronous separation circuit to observe stable TV signal</li> <li>• Polarity reversal, CH 1 Sync output</li> </ul> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• CRT : 6" Rectangular screen with internal graticule, 8 x 10 Div (1Div=1cm)</li> </ul> <p>Vertical Deflection</p> <ul style="list-style-type: none"> <li>• Vertical Operation Mode : CH1, CH2, ADD, ALT, CHOP (CH1, CH2)</li> <li>• Sensitivity : 5mV/div to 5V/div +3%, 1mV/div to 1V/div +5% (x5), 10 steps</li> <li>• Rise time : &lt;17.2ns</li> </ul> <p>Input Impedance : 1Mohm</p> <ul style="list-style-type: none"> <li>• Max. Input voltage : 250V (DC+AC peak value) at 1kHz (250V, DC+AC)</li> <li>• Input coupling : AC, DC, GND</li> <li>• Polarity selection : + (CH2 only)</li> <li>• Display mode : 1, 10, X-Y</li> </ul> <p>Horizontal Deflection</p> <ul style="list-style-type: none"> <li>• Sweep time : 0.2microsec/div to 0.2s/div</li> <li>• Sweep expansion : x10</li> <li>• Accuracy : 3%</li> </ul> <p>Trigger System</p> <ul style="list-style-type: none"> <li>• Triggering mode : Auto, NORM, TV-V, TV-H</li> </ul>	Standard Quality	1	₹ 0	₹ 0	₹ 0
E121	Function Generator	<p>2 to 200 KHz, Sine, Square, Triangular, 220 V, 50 Hz, Single Phase</p> <p>DDS Function (Arbitrary) Generator</p> <p>Features:</p> <ul style="list-style-type: none"> <li>-Two same function output</li> <li>-Using Direct Digital Synthesis (DDS) Technology</li> <li>-Up to 25MHz frequency range for main waveforms</li> <li>-High accuracy frequency counter</li> <li>-Arbitrary Setting of start and stop of frequency sweep output</li> <li>-15 Different type output waveform</li> <li>-16 x 2 LCD display</li> <li>-PC Interface using Software</li> <li>-USB Host / Device</li> </ul> <p>Technical Specification:</p> <p>CH1, CH2</p> <p>Output Frequency</p> <ul style="list-style-type: none"> <li>-Sine wave : 0Hz-25MHz</li> <li>-Square wave : 0Hz-1MHz</li> <li>-Triangle wave : 0Hz-1MHz</li> <li>-Sawtooth : 0Hz-1MHz</li> <li>-Arbitrary Waveform : 0Hz-1MHz</li> <li>-TTL Digital signal wave : 0Hz-1MHz</li> </ul> <p>No. of Channels : 2</p> <p>Output wave : Sine, Square, Pulse, Ramp, Noise, Arb, TTL Digital signal waveform</p> <p>Wavelength : 1024 bit</p> <p>Sampling Rate : 200MSa/s</p> <p>Vertical Resolution : 8 Bits</p> <p>Frequency Min Resolution : 10mHz</p> <p>Frequency Error : 10ppm</p> <p>Frequency Stability : <math>\pm 1 \times 10^{-6}</math></p>	Standard Quality	1	₹ 0	₹ 0	₹ 0
E122	Soldering Iron	25-Watt, 65 Watt and 120-Watt, 230 Volt	Standard Quality	2	₹ 0	₹ 0	₹ 0
E123	Temperature controlled Soldering Iron	50-Watt, 230 Volt	Standard Quality	2	₹ 0	₹ 0	₹ 0
E124	Discrete Component Trainer	Discrete Component (for diode and transistor circuit) with regulated power supply +5, 0-5 V, +12, 0-12 V	Standard Quality	1	₹ 0	₹ 0	₹ 0
E125	Linear I.C. Trainer	Linear I.C. Trainer with regulated power supply 1.2V to 15V PIC socket 16pin and 20 pins with bread board	Standard Quality	1	₹ 0	₹ 0	₹ 0
E126	Digital I.C. Trainer	Digital I.C. Trainer 7 segment display and bread board	Standard Quality	1	₹ 0	₹ 0	₹ 0
E127	Domestic Appliances -		Standard Quality				

	a. Electric Induction plate	a. 1500 Watt, 240V	Standard Quality	1		₹ 0		₹ 0	₹ 0
	b. Electric Kettle	b. 1500 Watts, 240V	Standard Quality	1		₹ 0		₹ 0	₹ 0
	c. Electric Iron	c. Automatic - 750 W, 240 V	Standard Quality	1		₹ 0		₹ 0	₹ 0
	d. Immersion Heater	d. 1500 Watt, 240V	Standard Quality	1		₹ 0		₹ 0	₹ 0
	e. A.C. Ceiling Fan and AC Table Fan	e. 68-Watt, 230 V	Standard Quality	1		₹ 0		₹ 0	₹ 0
	f. Geysers (Storage type)	f. 10 litre	Standard Quality	1		₹ 0		₹ 0	₹ 0
	g. Mixture & Grinder	g. 750 W, 240 V	Standard Quality	1		₹ 0		₹ 0	₹ 0
	h. Washing Machine Semi-Automatic	h. 5 Kg.	Standard Quality	1		₹ 0		₹ 0	₹ 0
	i. Motor Pump set	i. 1 HP, 1 Phase, 240 V	Standard Quality	1		₹ 0		₹ 0	₹ 0
E128	Oil Testing Kit	Oil Testing Kit 230 V, single phase 50 Hz 60 VA output 0-60 KV Variable	Standard Quality	1		₹ 0		₹ 0	₹ 0
E129	Inverter with Battery	1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	Standard Quality	1		₹ 0		₹ 0	₹ 0
E130	Voltage Stabilizer	AC Input - 150 - 250 V, 600 VA AC Output - 240 V, 10 A	Standard Quality	1		₹ 0		₹ 0	₹ 0
E131	DC Power Supply	0 - 30 V, 5 A  DC Power Supply Technical Specifications: Output Voltage : 0 – 110VDC Output Current : 100mA ~ 5A Digital Display : 3 digit display for voltage & current Power requirement : 220 VAC +10% , 50 Hz Weight : 10Kg Approx. Standard Accessories : Power cable, instruction manual	Standard Quality	1		₹ 0		₹ 0	₹ 0
E132	Battery Charger	0 - 6 - 9 - 12 - 24 - 48 V, 30amp	Standard Quality	1		₹ 0		₹ 0	₹ 0
E133	Current Transformer	415 V, 50Hz, CT Ratio 25 / 5 A, 5VA  Current Transformer Test Set secondary rated for 5Amp. Which are intended to be used on 50 Hz. Technical Specification : The Current Transformer Test set provides the following components- 1. Separate terminals to connect standard C.T. and Test C.T. secondaries. 2. Ratio error and phase angle error display 3. Range selecting Switch 4. Polarity check indicator 5. Ammeter to measure current injected in percentage 6. Null detector with sensitivity control 7. Terminals to connect burden box on both std. & under test 8. Aux. power supply to energise electronic null detector 9. High permeability magnetic core 10. Secondary current selector 1A. or 5A Current Transformer Test Set Scope of Experimentation: Draw Magnetising Curve for a Protective CTs, and Check knee Point Voltage	Standard Quality	1		₹ 0		₹ 0	₹ 0
E134	Potential Transformer	415 V, 50Hz, PT Ratio, 440V/110V, 10VA	Standard Quality	2		₹ 0		₹ 0	₹ 0
E135	Solar panel with Battery	18 Watt	Standard Quality	1		₹ 0		₹ 0	₹ 0
E136	I5 AND I7 COMPUTER OR latest VERSION	2.8 GHz & above, 1 GB RAM, 80 GB HDD, DVD Combo Drive, 19/21" Monitor, optical scroll mouse, multimedia keyboard, 32 bit LAN card with UPP port, necessary Drivers, etc. OR	Standard Quality	1		₹ 0		₹ 0	₹ 0
E137	Ink jet/ laser printer	Network Heavy duty laser printer ( print , scan & copy) for staff / laser jet printer	Standard Quality	1		₹ 0		₹ 0	₹ 0

C. Shop Machinery - For 4 (2+2) units no additional items are required										
						₹ 0			₹ 0	₹ 0
E138	D.C. Shunt Generator with control panel	D.C. Shunt Generator with control panel, equipped with knife blade switch, fuse for generator, Ammeter 20 DC Amp, voltmeter 300 DC V, AC voltmeter connected throw rotary switch, 3 AC ammeter, 2.5 KW, 220V & 3phase Squirrel cage Induction Motor, 5HP, 440V with control panel & star delta starter, AC DC power indicator should be mounted on panel, well marked Socket and banana plug should be provided on panel for connection of motor and generator, installation, fixing bolts, foundation bolts and flexible coupling	Standard Quality	1		₹ 0			₹ 0	₹ 0
E139	Motor-Generator (AC to DC)	Squirrel Cage Induction Motor with star delta starter and directly coupled to DC shunt generator and switch board mounted with regulator, air breaker, ammeter, voltmeter, knife blade switches and fuses, set complete with case iron and plate, fixing bolts, foundation bolts and flexible coupling. Induction Motor rating: 7.5 HP, 415V, 50 cycles, 3 phases. DC Shunt Generator rating: 5 KW, 440V (Output voltage varies 110-440v)	Standard Quality	1		₹ 0			₹ 0	₹ 0
E140	D.C. Compound Generator with control panel including fitted rheostat, voltmeter, ammeter and breaker	D.C. Compound Generator with control panel including fitted rheostat, voltmeter, ammeter and breaker, 2.5 KW, 220V & 3phase Squirrel cage Induction Motor, 5HP, 440V, with control panel & star delta starter	Standard Quality	1		₹ 0			₹ 0	₹ 0
E141	DC Series Motor coupled with spring balance load	2.5 KW, 220 Volts	Standard Quality	1		₹ 0			₹ 0	₹ 0
E142	DC Shunt Motor	2.5 KW, 220 V	Standard Quality	1		₹ 0			₹ 0	₹ 0
E143	DC compound Motor with starter and switch	2.5 KW ,220 volts	Standard Quality	1		₹ 0			₹ 0	₹ 0
E144	Motor Generator(DC to AC) set consisting of - Shunt Motor with starting compensator and switch directly	Shunt Motor rating: 5 HP, 440V AC Generator rating : 3-Phase, 4 wire, 3.5 KVA, 400/230 Volts, 0.8 pf, 50cycles	Standard Quality	1		₹ 0			₹ 0	₹ 0
E145	AC Squirrel Cage Motor with star delta starter and triple pole iron clad switch fuse with Mechanical Load.	5 HP, 3-Phase, 415 V, 50 Hz	Standard Quality	1		₹ 0			₹ 0	₹ 0
E146	AC phase-wound slip ring Motor with starter switch	5 HP, 440 V, 3 Phase, 50 Hz	Standard Quality	1		₹ 0			₹ 0	₹ 0
E147	Universal Motor with starter/switch	240 V, 50 Hz, 1 HP	Standard Quality	1		₹ 0			₹ 0	₹ 0
E148	Synchronous motor with accessories like starter, excitation arrangements.	3 Phase, 3 HP, 440V, 50Hz, 4 Pole	Standard Quality	1		₹ 0			₹ 0	₹ 0
E149	Thyristor /IGBT controlled D.C. motor drive with tachogenerator feedback arrangement	1 HP	Standard Quality	1		₹ 0			₹ 0	₹ 0
E150	Thyristor/IGBT controlled A.C. motor drive with	VVVF control 3 Phase, 2 HP	Standard Quality	1		₹ 0			₹ 0	₹ 0
E151	Single phase Transformer, core type, air cooled	1 KVA , 240/415 V, 50 Hz	Standard Quality	2		₹ 0			₹ 0	₹ 0
E152	Three phase transformer, shell type oil cooled with Delta/ Star	3 KVA , 415/240 V, 50 Hz	Standard Quality	1		₹ 0			₹ 0	₹ 0
E153	Electrical Machine Trainer –	Suitable for demonstrating the construction and functioning of different types of DC machines and AC machines (single phase and three phase). Should be fitted with friction brake arrangement, dynamo meter, instrument panel and power supply unit	Standard Quality	6		₹ 0			₹ 0	₹ 0
E154	Diesel Generator Set with changeover switch, over current breaker and water/ air-cooled with armature, star-delta	7.5 KVA, 415 volt or higher rating	Standard Quality	1		₹ 0			₹ 0	₹ 0
E155	Used DC Generators-series, shunt and compound type for overhauling practice	Each	Standard Quality	1		₹ 0			₹ 0	₹ 0
E156	Pillar Electric Drill Machine Motorized	12-20 mm Capacity, 1HP, 440V, 3 phase, Induction Motor with DOL starter, Bench Type	Standard Quality	1		₹ 0			₹ 0	₹ 0
E157	Motorised Bench Grinder	1 HP, 3 phase, 440V with DOL starter, Double side with smooth and rough wheel with Tool Base	Standard Quality	1		₹ 0			₹ 0	₹ 0
E158	A.C. Series type Motor	1 HP, 240 V, 50 Hz	Standard Quality	1		₹ 0			₹ 0	₹ 0
E159	Single Phase Capacitor Motor with starter switch	1 HP, 240 V, 50 Hz	Standard Quality	1		₹ 0			₹ 0	₹ 0
E160	Manual Motor coil Winding Machine	With step arbor	Standard Quality	1		₹ 0			₹ 0	₹ 0
E161	Ceiling fan coil Winding Machine	250V, 50 Hz, 1-Φ, with speed control	Standard Quality	1		₹ 0			₹ 0	₹ 0
E162	Primary current injection set	220V, 50 Hz, 1-Φ, output current - 200 A (min) with timer	Standard Quality	1		₹ 0			₹ 0	₹ 0

E163	Stepper Motor with Digital Controller	Stepper Motor with Digital Controller Microprocessor based stepper motor controller : with a bifilar 2 phase D.C. stepping motor. The stepping motor can be programmed in three parameters namely 1. Speed 2. No. of steps. 3. Direction. It is specially designed low cost yet sophisticated control lab kit the microprocessor system consist of 8085 A CPU 8155 scratch pad and 8279 key board display controller and EPROM The monitor programme in EPROM is used to enter application programme for stepper motor controller. The unit which houses the stepper motor is designed to demonstrate the basic principles of stepper motor with manual switching. The same contains power amplifiers and Regulated power supply with Stepper motor Power amplifier alongwith regulated power driving the stepper motor. Arrangement for manual operation of stepper motor control.	Standard Quality	1		₹ 0	₹ 0	₹ 0
E164	Shaded Pole Motor	Fractional HP, 240 V, 50 Hz	Standard Quality	1		₹ 0	₹ 0	₹ 0
E165	Smart Meter	1 Phase - Smart Energy Meter 3 Phase - Smart Energy Meter	Standard Quality	1		₹ 0	₹ 0	₹ 0
E166	EV Charger	3 phase input	Standard Quality	1		₹ 0	₹ 0	₹ 0
E167	EV Charger (Home)	1 Phase input	Standard Quality	1		₹ 0	₹ 0	₹ 0
<b>D. Shop Floor Furniture and Materials - For 2 (1+1) units no additional items are required</b>								
E168	Working Bench	2.5 m x 1.20 m x 0.75 m	Standard Quality	4		₹ 0	₹ 0	₹ 0
E169	Wiring Board	3-meter x1 meter with 0.5 meter projection on the top	Standard Quality	1		₹ 0	₹ 0	₹ 0
E170	Fire Extinguisher CO2	2 KG	Standard Quality	2		₹ 0	₹ 0	₹ 0
E171	Fire Buckets	Standard size	Standard Quality	2		₹ 0	₹ 0	₹ 0
<b>Grand Total</b>				<b>595</b>		<b>₹ 0</b>	<b>₹ 0</b>	<b>₹ 0</b>
<b>Note:</b>								
<p>1. Unit price should include the cost of warranty for 03 year and freight and other charges such as loading/unloading, storage etc.</p> <p>2. In case of discrepancy between unit price and total amount, the unit price shall prevail.</p> <p>3. Bids shall be evaluated based on total amount with taxes.</p> <p>4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.</p> <p>5. All the tools and equipment should be as per BIS specification.</p> <p>6. All the electrical items should be purchased with "Star rating" as available in market.</p> <p>So that the power consumption may be reduced.</p>								

# Surveyor

## PRICE BID (FORM-2)

<b>NIT NUMBER</b>	<b>EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025</b>
<b>NAME OF WORK</b>	<b>Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).</b>
<b>NAME OF FIRM/BIDDER</b>	
<b>GST NUMBER</b>	

### List of Tools and Equipment

#### Surveyor (For batch of 24 candidates)

BOQ S. No.	Name of the Tool & Equipment	Specification	Make	Quantity (No.)	Unit Price (Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
<b>A. TOOLS, EQUIPMENT &amp; GENERAL OUTFIT</b>									
SUR1	Abney level	Standard Make	Standard Quality	1		₹ 0		₹ 0	₹ 0
SUR2	Box sextant	Standard Make	Standard Quality	1		₹ 0		₹ 0	₹ 0
SUR3	Binocular	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR4	Scientific calculator	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR5	Computing scales two hectares	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR6	Computing scales five hectares	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR7	Offset scale for cadastral survey	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR8	Metal cross staff- box type	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR9	Metal cross staff- open type	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR10	Engineer's chain	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR11	Dumpy level	Standard Make	Standard Quality	6		₹ 0		₹ 0	₹ 0
SUR12	Auto level	Standard Make	Standard Quality	6		₹ 0		₹ 0	₹ 0
SUR13	Fire extinguisher	Standard Make	Standard Quality	1		₹ 0		₹ 0	₹ 0
SUR14	Gunter's chain	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR15	Height indicators	Standard Make	Standard Quality	8		₹ 0		₹ 0	₹ 0
SUR16	Tracing board with lamp	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR17	Leveling staff –	4M	Standard Quality	13		₹ 0		₹ 0	₹ 0
SUR18	Metric chain-	30 m & 20 m	Standard Quality	5		₹ 0		₹ 0	₹ 0
SUR19	Magnifying glass	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR20	Magnet bar (for magnetizing through compass needles)	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR21	Pen knife	Standard Make	Standard Quality	5		₹ 0		₹ 0	₹ 0
SUR22	Prismatic compass	Standard Make	Standard Quality	5		₹ 0		₹ 0	₹ 0
SUR23	Planimeter	Digital	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR24	Plane table with stand, accessories & water proofing cover	Standard Make	Standard Quality	8		₹ 0		₹ 0	₹ 0
SUR25	Telescopic alidade	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR26	Indian pattern clinometers	Standard Make	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR27	Ranging rod	2 m	Standard Quality	44		₹ 0		₹ 0	₹ 0
SUR28	Offset rod	Standard Make	Standard Quality	5		₹ 0		₹ 0	₹ 0
SUR29	Optical square	Standard Make	Standard Quality	5		₹ 0		₹ 0	₹ 0
SUR30	Railway curves-	Set of 50 in a box	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR31	Survey plotting scale-	8 scales with offset scale in box (Set)	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR32	Stencil set	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0
SUR33	Fibre glass tape	30 m	Standard Quality	12		₹ 0		₹ 0	₹ 0
SUR34	Steel tape	30 m	Standard Quality	12		₹ 0		₹ 0	₹ 0
SUR35	Steel band	30 m	Standard Quality	2		₹ 0		₹ 0	₹ 0
SUR36	Surveyor's umbrella	Standard Make	Standard Quality	4		₹ 0		₹ 0	₹ 0

SUR37	Theodolite transit	Telescope with Transit Capability Full vertical rotation to measure both vertical and horizontal angles Technical Specifications: Telescope Magnification 20x to 30x, Length of Telescope 200 – 250 mm, Least Count (Angle Measurement) 15" or better, Field of View ≥ 2°, Vertical Circle Diameter Approx. 80 mm, Material Rust-proof metallic body with durable coating, Heavy-Duty Tripod Adjustable , aluminum/wooden legs with locking screws, Plumb Bob For vertical centering over station mark, Carrying Case Cushioned, shock resistant box with secure latches	Standard Quality	5		₹ 0	₹ 0	₹ 0
SUR38	Computer	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher. RAM:-4 GB DDR-III or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor (Min. 17 Inch.) Licensed Operating System and Antivirus compatible with trade related software	Standard Quality	5		₹ 0	₹ 0	₹ 0
SUR39	software	Nos	Standard Quality	12		₹ 0	₹ 0	₹ 0
SUR40	Total station	Graphic LCD display on both side.Multy function key board on both side. Able to interchange data between GPS and Total station without any data conversion. Minimum 8 hours rechargeable li-ion battery .Poles and Prism 2Nos each	Standard Quality	2		₹ 0	₹ 0	₹ 0
SUR41	DGPS-latest version	Standard Make	Standard Quality	2		₹ 0	₹ 0	₹ 0
SUR42	Hand GPS-latest version	Handheld, Screen size minimum 5.6 cm, warranty 1 yr, Battery life upto 24 hrs with USB charger,	Standard Quality	2		₹ 0	₹ 0	₹ 0
SUR43	A3 size Printer-	Colour	Standard Quality	1		₹ 0	₹ 0	₹ 0
SUR44	Supplying, installation, testing and commissioning of online 3 phase UPS System with 30 minutes back up including batteries, interconnecting cables, battery racks etc	24 Per KVA 20,000 480,000 4.80, IT LAB (10 com) - 3 KVA , T3 Workshop (24 comp)-7.2 KVA Admin (10 comp) - 3 KVA Server Room - 10 KVA TOTAL - 23.2 KVA As per CPWD PAR 2019	Standard Quality	10		₹ 0	₹ 0	₹ 0
SUR45	Echo Sounder		Standard Quality	1		₹ 0	₹ 0	₹ 0
SUR46	Current Meter		Standard Quality	1		₹ 0	₹ 0	₹ 0
<b>Total</b>				<b>236</b>		<b>₹ 0</b>	<b>₹ 0</b>	<b>₹ 0</b>
<b>Note:</b>								
<p>1. Unit price should include the cost of warranty for 03 year and freight and other charges such as loading/unloading, storage etc.</p> <p>2. In case of discrepancy between unit price and total amount, the unit price shall prevail.</p> <p>3. Bids shall be evaluated based on total amount with taxes.</p> <p>4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.</p> <p>5. All the tools and equipment should be as per BIS specification.</p> <p>6. All the electrical items should be purchased with "Star rating" as available in market.</p> <p>So that the power consumption may be reduced.</p>								

## DRAUGHTSMAN CIVIL

### PRICE BID (FORM-2)

NIT NUMBER		EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025							
NAME OF WORK		Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).							
NAME OF FIRM/BIDDER									
GST NUMBER									
List of Tools & Equipment									
DRAUGHTSMAN CIVIL (for Batch of 24 Candidates)									
BOQ S. No.	Name of the Tool & Equipment	Specification	Make	Quantity (No.)	Unit Price (Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
<b>A. TRAINEES TOOL KIT</b>									
DR1	Box drawing instrument	containing one 15 cm compass with pin point, pin point & lengthening bar, one pair spring bows, rotating compass with interchangeable ink and pencil points, drawing pens with plain point & cross point, screw driver and box of leads.(0.2,0.3,0.4 mm).	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR2	Protractor celluloid	15 cm semi- circular.	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR3	Scale card board-	metric set of eight A to H in a box 1: 1,1:2, 1:2:5, 1: 5, 1:10, 1:20, 1:50, 1:100,1:200, 1:500, 1:1000,1:2000,1:1250, 1:6000, 1:38 1/3, 1:66 2/3	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR4	Scales plotting box wood 6 metric scales	30 cms long with offset scales.	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR5	Set square transparent	20 cm, 2 mm thick with bevelled edges 45 degree .	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR6	Set square celluloid	25 cm, 2mm thick with bevelled edges 60 degrees.	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR7	T-Square	750mm/Mini drafter/ Parallel Bar	Standard Quality	25		₹ 0		₹ 0	₹ 0
DR8	Template -Architects and builders		Standard Quality	25		₹ 0		₹ 0	₹ 0
<b>B. GENERAL MACHINERY SHOP OUTFIT</b>									
DR9	Geometrical models (wooden/plastic)	04 Set (04 Models each) i) Cube 08 cm sides. ii) Rectangular parallel piped 8cm x 15cm iii) Sphere 8cm dia. iv) Right circular cone 8 cm dia base and 15 cm vertical height v) Square pyramid 8cm side base and 15 cm vertical height vi) Cylinder 8 cm dia. 15 cm height. vii) Prisms triangular 8 cm sides triangle and 15 cm length. viii) Prism hexagonal 8 cm side's hexagon and 15 lengths	Standard Quality	4		₹ 0		₹ 0	₹ 0
DR10	Templates – Circle, Ellipse, furniture, etc.		Standard Quality	4		₹ 0		₹ 0	₹ 0
DR11	French curves	transparent plastic set of 12	Standard Quality	4		₹ 0		₹ 0	₹ 0
DR12	Flexible curves	80 cm long	Standard Quality	4		₹ 0		₹ 0	₹ 0
DR13	Radius curve	3 mm to 15 mm	Standard Quality	4		₹ 0		₹ 0	₹ 0
DR14	Brass parallel rulers in a case		Standard Quality	4		₹ 0		₹ 0	₹ 0
DR15	Calculator Scientific (Non-programmable)		Standard Quality	4		₹ 0		₹ 0	₹ 0
DR16	Proportional dividers	15 cm	Standard Quality	4		₹ 0		₹ 0	₹ 0
<b>C. LIST OF SURVEYING INSTRUMENTS</b>									
DR17	Land measuring	30 metres with two handles	Standard Quality	4		₹ 0		₹ 0	₹ 0
DR18	Steel tape	30 meters long in a leather case	Standard Quality	4		₹ 0		₹ 0	₹ 0
DR19	Ranging rod wooden fitted iron	2 mt. long	Standard Quality	24		₹ 0		₹ 0	₹ 0
DR20	Steel arrow, wooden peg, wooden mallet, hammer	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
DR21	Prismatic compass with stand	110 mm dia. (set)	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR22	Plane table	with stand with accessories – alidade, trough compass, spirit level (6”), U – fork, plumb bob, etc (set)	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR23	Telescopic Alidade	(set)	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR24	Dumpy Level with all accessories	(set)	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR25	Auto level With all accessories		Standard Quality	2		₹ 0		₹ 0	₹ 0
DR26	Levelling staff	4 mt. leading to 5 mt. telescopic type (telescopic-1 and straight pieces- 2)	Standard Quality	3		₹ 0		₹ 0	₹ 0
DR27	Transit Theodolite with stand with all accessories	(set)	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR28	Digital Theodolite	latest model With all accessories (Features:-Based on laser technology. Two large LCD panel with easy to read. Automatically compensates tilt in two direction and compensates vertical angles. High integrated electronic board and IC elements)	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR29	Instrument for Total Station with latest model, With all accessories	Graphic LCD display on both side. Multy function key board on both side. Able to interchange data between GPS and Total station without any data conversion. Minimum 8 hours rechargeable li-ion battery .Poles and Prism 2Nos each	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR30	Hand held GPS	(latest model) with standard specification	Standard Quality	2		₹ 0		₹ 0	₹ 0

D. COMPUTER LAB						₹ 0		₹ 0	₹ 0
DR31	Personal computer	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher, RAM:-4 GB DDR-III or Higher, Wi-Fi Enabled, Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor (Min. 17 Inch. Licensed Operating System and Antivirus compatible with trade related software.	HP/Dell/Lenevo	24		₹ 0		₹ 0	₹ 0
DR32	Laptop	latest configuration	HP/Dell/Lenevo	2		₹ 0		₹ 0	₹ 0
DR33	CAD software	(user)	Standard Quality	24		₹ 0		₹ 0	₹ 0
DR34	Plotter	A1 size	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR35	Printer	(A3 Laser jet) with scanner (multipurpose)	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR36	Server work station with latest		Standard Quality	1		₹ 0		₹ 0	₹ 0
DR37	Broad Band connection		Standard Quality	1		₹ 0		₹ 0	₹ 0
DR38	UPS	Supplying, installation, testing and commissioning of online 3 phase UPS System with 30 minutes back up	Standard Quality	24		₹ 0		₹ 0	₹ 0
DR39	DLP Projector	2000 lumens or higher	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR40	First Aid Box	Standard	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR41	Screen for Projector	motorized	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR42	Fire Extinguisher	CO2 Fire Extinguisher - 4.5KG-1no	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR43	Air Conditioner	Number	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR44	Wall Clock	Standard make	Standard Quality	1		₹ 0		₹ 0	₹ 0
DR45	Document Camera / Visualiser	Standard make	Standard Quality	2		₹ 0		₹ 0	₹ 0
DR46	Smart Board / Inter Active Board	Standard make	Standard Quality	2		₹ 0		₹ 0	₹ 0
		<b>Total</b>		<b>397</b>		<b>₹ 0</b>		<b>₹ 0</b>	<b>₹ 0</b>

**Note:**

1. Unit price should include the cost of warranty for 03 year and freight and other charges such as loading/unloading, storage etc.
2. In case of discrepancy between unit price and total amount, the unit price shall prevail.
3. Bids shall be evaluated based on total amount with taxes.
4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.
5. All the tools and equipment should be as per BIS specification.
6. All the electrical items should be purchased with "Star rating" as available in market. So that the power consumption may be reduced.
7. Internet facility is desired to be provided in the class room.

## COMPUTER HARDWARE & NETWORK MAINTENANCE

### PRICE BID (FORM-2)

<b>NIT NUMBER</b>	<b>EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025</b>
<b>NAME OF WORK</b>	<b>Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).</b>
<b>NAME OF FIRM/BIDDER</b>	
<b>GST NUMBER</b>	

**List of Tools & Equipments**  
**COMPUTER HARDWARE & NETWORK MAINTENANCE (for batch of 24 Candidates)**

BOQ S. No.	Name of the Tool & Equipment	Specification	Make	Quantity (No.)	Unit Price (Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
<b>A. TRAINEES TOOL KIT</b>									
CH1	Connecting screw driver	100 mm	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH2	Neon tester	500 V.	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH3	Screw driver set	(set of 5)	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH4	Insulated combination pliers	150 mm	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH5	Insulated side cutting pliers	150 mm	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH6	Long nose pliers	150mm	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH7	Soldering iron	25W.240V.	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH8	Electrician knife		Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH9	Tweezers	100mm	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH10	Digital Multimeter	100 mm	HTC/Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH11	Soldering Iron Changeable bits	15W	Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
CH12	De-soldering pump		Pye/Taparia/Freemans/JK	24		₹ 0		₹ 0	₹ 0
<b>B. LIST OF TOOLS</b>									
CH13	Crimping tool(pliers)		Pye/Taparia/Freemans/JK	2		₹ 0		₹ 0	₹ 0
CH14	Soldering Iron	25W	Pye/Taparia/Freemans/JK	6		₹ 0		₹ 0	₹ 0
CH15	Magneto spanner set		Pye/Taparia/Freemans/JK	2		₹ 0		₹ 0	₹ 0
CH16	Screwdriver	150mm	Pye/Taparia/Freemans/JK	4		₹ 0		₹ 0	₹ 0
CH17	Steel rule	150mm	Pye/Taparia/Freemans/JK	2		₹ 0		₹ 0	₹ 0
CH18	Scriber straight	150mm	Pye/Taparia/Freemans/JK	2		₹ 0		₹ 0	₹ 0
CH19	Soldering Iron	240W	Pye/Taparia/Freemans/JK	1		₹ 0		₹ 0	₹ 0
CH20	Allen key set	(set of9)	Pye/Taparia/Freemans/JK	2		₹ 0		₹ 0	₹ 0
CH21	Tubular box spanner	(setof6nos.)	Pye/Taparia/Freemans/JK	1		₹ 0		₹ 0	₹ 0
CH22	Magnifying lenses	75mm	Pye/Taparia/Freemans/JK	3		₹ 0		₹ 0	₹ 0
CH23	Continuity tester		Pye/Taparia/Freemans/JK	6		₹ 0		₹ 0	₹ 0
CH24	Soldering iron	10W	Pye/Taparia/Freemans/JK	6		₹ 0		₹ 0	₹ 0
CH25	Cold chisel	20mm	Pye/Taparia/Freemans/JK	1		₹ 0		₹ 0	₹ 0
CH26	Scissors	200mm	Pye/Taparia/Freemans/JK	1		₹ 0		₹ 0	₹ 0
CH27	Handsaw	450mm	Pye/Taparia/Freemans/JK	1		₹ 0		₹ 0	₹ 0
<b>C. TOOLS AND EQUIPMENT: (Computer Hardware - Installation and Maintenance)</b>						₹ 0		₹ 0	₹ 0
CH28	Server Computer	LAB Workstation Hardware Intel Xeon W3-2535 (26.25 Mb Cache, 10 Cores, 20 Threads, 3.5 GHz to 4.6 GHz Turbo, 185 W) RAM: 64 GB RAM (2x32 GB) DDR5, 4800MHz, RDIMM ECC Memory Media Drive: 1TB Performance SSD Graphics Card: Nvidia RTX 2000 Ada, 16GB GDD R6, 4mDP to DP/DVD+/- RW 9.5mm Slimline Optical Disk Drive 21.5" Monitor, Wired Keyboard and Mouse Ubuntu 22.04 with DCA ENabler Warranty 3 Years	HP/Dell/Lenevo	1		₹ 0		₹ 0	₹ 0
CH29	Desktop Computer	13th Generation Intel® Core™ i3 processor 512 GB SSD Hard Drive Windows 11 Home 8 GB DDR5-4800 MT/s Intel® UHD Graphics Wired Keyboard & Mouse 18.5" Monitor	HP/Dell/Lenevo	12		₹ 0		₹ 0	₹ 0
CH30	Laptop, Notebook for demonstration	13th Gen Intel® Core™ i5-1334U, 10 cores Windows 11 Home Intel® UHD Graphics 8 GB DDR5 512 GB SSD 14" Non-Touch FHD+	HP/Dell/Lenevo	4		₹ 0		₹ 0	₹ 0
CH31	Laptop, Notebook	13th Gen Intel® Core™ i5-1334U, 10 cores Windows 11 Home Intel® UHD Graphics 8 GB DDR5 512 GB SSD 14" Non-Touch FHD+	HP/Dell/Lenevo	12		₹ 0		₹ 0	₹ 0

CH32	Intel Mobile Desktop based PC with LCD monitor	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher. RAM: 4 GB DDR-III or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor (Min. 17 Inch. Licensed Operating System and Antivirus compatible with trade related software.	HP/Dell/Lenevo	1		₹ 0	₹ 0	₹ 0
CH33	Printers: LaserJet, DeskJet, passbook, mfd	laserjet-1 , Deskjet-1 , passbook-1 , mfd-1  *Black & White Laser MFP Printer Print, Copy, Scan Print Resolution: 600 x 600 dpi Black Print Speed: 19 ppm Color Print Speed: 4 ppm  All-in-One Deskjet Printer, Print, Copy, Scan, Hi-Speed USB 2.0, Up to 7.5/5.5 ppm (Black/Color), 50 Sheet Input Tray, 20-Sheet Output Tray, 800-page Duty Cycle, Color  Passbook Printer Print Method: Impact dot matrix Print Direction: Bi-direction with logic seeking Colour: Black Number of Pins in Head: 24 pins Control Code: PR2, WNI4915, IBM4722, IBM PPDS, ESC/P2  MFD Printer *Black & White Laser MFP Printer Print, Copy, Scan Print Resolution: 600 x 600 dpi Black Print Speed: 19 ppm	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH34	Network Printer	Network Monochrome Laser Printer Wired: USB 2.0, 10Base-T/100Base-TX Wireless: IEEE 802.11b/g/n (Infrastructure Mode, WPS, Access Point Mode) 35 ppm Print Speed Single Function Printer Dual-Sided (Duplex) Printing 1200 x 1200 dpi Resolution	Standard Quality	1		₹ 0	₹ 0	₹ 0
CH35	5KVA online UPS	5 KVA Online UPS Syetem with Inbuilt Batteries and LCD Display. With 15 Minutes Backup	Standard Quality	12		₹ 0	₹ 0	₹ 0
CH36	LCD/DLP Projector/Interactive Smart Board	Interactive Smart Board with Short Throw Projector.	Epson/Sony /Panasonic/BenQ	1		₹ 0	₹ 0	₹ 0
CH37	Power Meter		Standard Quality	2		₹ 0	₹ 0	₹ 0
CH38	Computer Toolkits	Professional Grade Tool Kit with Screwdriver Set Precision Magnetic with Case for Electronics, Laptop, PC, etc.	Standard Quality	6		₹ 0	₹ 0	₹ 0
CH39	Computer Spares:	each	Standard Quality	24		₹ 0	₹ 0	₹ 0
CH40	Motherboards (of different make)	Compatible Motherboard from same or different OEM	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH41	Cabinets		Standard Quality	4		₹ 0	₹ 0	₹ 0
CH42	Processors(of different make)	Compatible Proccsors from same or different OEM	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH43	Hard Disk	1 TB Internal SATA SSD for Desktop, Laptop	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH44	Optical Drives	Internal CD/DVD Drive RW Drive Player for Laptop & Desktop	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH45	LCD/LED Monitors	19 inch HD LED Backlit IPS Panel Monitor with 5ms Response Time, 60 Hz Refresh Rate, Anti-Glare Screen, High Brightness, Realistic Colors	Standard Quality	2		₹ 0	₹ 0	₹ 0
CH46	Pen Drives	64GB, USB 2.0, Flash drive, Pendrive for data storage & transfer	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH47	External Hard disk	Portable 1 TB External Hard Disk Drive (HDD) 1TB Storage Capacity USB 3.2 Gen 2 Type-C Interface Up to 1030 MB/s Data Transfer Speed Bus Powered	Standard Quality	2		₹ 0	₹ 0	₹ 0
CH48	External DVD Writer	External CD/DVD Drive for USB 3.0/2.0 RW Drive Player for Laptop & Desktop	Standard Quality	2		₹ 0	₹ 0	₹ 0
CH49	Keyboards	Wired Multimedia Keyboard Full-Size Layout with USB Interface, Chiclet Keys, Spill Resistance with 3 Indicator Lights, Plug and Play, Hot Keys - Volume, Mute, Play/Pause, Backward, Forward	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH50	Mouse	3 Button wired Mouse with 1600 DPI optical sensor.	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH51	Anti static pads		Standard Quality	4		₹ 0	₹ 0	₹ 0
CH52	Anti static wrist wraps	Anti static wristband with built-in 1 MΩ resistor, to protect the electronic components from accidental electrostatic discharge (ESD) damage during repairs. Anti static bracelet to eliminate static electricity from human body in 0.1s to equalize the charge between hands and the electronic devices	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH53	SMPS	Compatible Power Supply/SMPS as spare	Standard Quality	4		₹ 0	₹ 0	₹ 0
CH54	Blu-Ray drive and player	Portable Bluray External DVD Drive, Blu Ray Burner with USB 3.0 and Type-C Dual Port, for desktop/Laptop	Standard Quality	2		₹ 0	₹ 0	₹ 0
CH55	External Hard Disk	Portable 1 TB External Hard Disk Drive (HDD) 1TB Storage Capacity USB 3.2 Gen 2 Type-C Interface Up to 1030 MB/s Data Transfer Speed Bus Powered	Standard Quality	2		₹ 0	₹ 0	₹ 0
CH56	Digital Camera		Standard Quality	2		₹ 0	₹ 0	₹ 0
CH57	HD Display		Standard Quality	2		₹ 0	₹ 0	₹ 0

CH58	Network storage	Min. 32TB 2/4-bay NAS, Network Attached Storage with redundancy via RAID	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH59	Card Reader	USB-A 3.0 & Type C High-Speed Multi-Card Reader Supporting All Standard SD/SDHC/SDXC and Micro SD/Micro SDHC/Micro SDXC Cards	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH60	Game video card		Standard Quality	2	₹ 0	₹ 0	₹ 0
CH61	Web Cam	HD Webcam, HD 720p/30fps, Widescreen HD Video Calling, HD Light Correction, Noise-Reducing Mic.	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH62	Surround sound speakers	2.1 Channel, 31 W, Bluetooth Connectivity, Wired Multimedia Computer Speaker, FM, USB, Audio in Speakers, 15mm Subwoofer, Wide Compatibility	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH63	Different types of memory cards	64 GB MicroSDXC Class 10 160 MB/s Memory Card Compatible with Camera, Computer, etc. With SDXC Adapter	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH64	Laptop kits		Standard Quality	12	₹ 0	₹ 0	₹ 0
CH65	Laptop spares	Cabinet with display, memory, hard disk, battery pack, keyboard membrane, chargers	Standard Quality	24	₹ 0	₹ 0	₹ 0
CH66	SMPS Trainer kit		Standard Quality	2	₹ 0	₹ 0	₹ 0
CH67	UPS Trainer kit		Standard Quality	2	₹ 0	₹ 0	₹ 0
CH68	Power electronics Trainer kit		Standard Quality	2	₹ 0	₹ 0	₹ 0
CH69	Poster or debugging card		Standard Quality	4	₹ 0	₹ 0	₹ 0
CH70	SMPS Tester	Power Supply Tester Computer with desktop 24 pin 20 pin 8 pin 6 pin 4 pin with LED Indicator Light	Standard Quality	4	₹ 0	₹ 0	₹ 0
CH71	PCI slot Testing tool	Pc Motherboard USB & PCI Analyser Diagnostic Card Tester	Standard Quality	4	₹ 0	₹ 0	₹ 0
<b>D. SOFTWARE</b>			Standard Quality		₹ 0	₹ 0	₹ 0
CH72	Windows Server Operating System (licenses)	Winows Server 2025 16 Core License	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH73	Windows Operating System (licenses)	Windows 11 Pro License	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH74	Linux Operating System	Linux Operating System	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH75	Network Management Software	Suite of software tools for monitoring and managing network performance, security, and troubleshooting	Standard Quality	1	₹ 0	₹ 0	₹ 0
CH76	MS Office	MS Office 365 Software License with 1 Year Subscription Plan	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH77	Antivirus software	Anti Virus Software with 1 Year Subscription License with; Real-time Antivirus Online Payment Protection Performance Optimisation Password Manager Data Leak Checker Identity Protection <u>Expert Virus Check &amp; Removal</u>	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH78	Data recovery software	Data recovery software license with 1 Year Subscription Plan. Should support recovery of files from Laptops, PCs & NAS, Memory Cards, Internal & External Hard Drives, Flash Drives etc.	Standard Quality	2	₹ 0	₹ 0	₹ 0
<b>E. FURNITURE AND OTHER EQUIPMENTS</b>			Standard Quality				
CH79	Air conditioners (optional)	nos	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH80	Scanner	MFD Printer Black & White Laser MFP Printer Print, Copy, Scan Print Resolution: 600 x 600 dpi Black Print Speed: 19 ppm Color Print Speed: 4 ppm	Standard Quality	1	₹ 0	₹ 0	₹ 0
CH81	Modem	Standard	Standard Quality	1	₹ 0	₹ 0	₹ 0
CH82	Broadband Internet connection		Standard Quality	1	₹ 0	₹ 0	₹ 0
CH83	Fire fighting equipments	Arrange all proper NOCs and equipments from Municipal/Competent authorities.	Standard Quality	1	₹ 0	₹ 0	₹ 0
CH84	Hardware and Network Trainer Kit	Standard Kit	Standard Quality	6	₹ 0	₹ 0	₹ 0
<b>F. COMPUTER NETWORKING</b>			Standard Quality		₹ 0	₹ 0	₹ 0
CH85	Wireless Network Adapter	300 Mbps Wifi Wireless Network USB Adapter For Desktop Pc with 2.4Ghz/5Ghz High Gain Dual Band 5Dbi Antenna	Standard Quality	12	₹ 0	₹ 0	₹ 0
CH86	Wireless Access Point	Wireless Access Point 802.11 n/g/b Wireless1 and 10/100base-t fast ethernet LANpoe port 2.4 to 2.4835 GHz	Standard Quality	6	₹ 0	₹ 0	₹ 0
CH87	Router	Wireless Router Without Modem 1500 Mbps Speed Frequency: 2.4 GHz, 5 GHz External Antenna	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH88	Managed Layer	24-Port Layer 2 Gigabit Managed Network Switch with SFP 24 x Gigabit Ethernet Ports 4 x Gigabit SFP Ports 56 Gb/s Switching Capacity 41.66 Mpps Forwarding Rate	Standard Quality	4	₹ 0	₹ 0	₹ 0
CH89	Managed Layer	24-Port Layer 3 Gigabit Managed Network Switch with SFP 24 x Gigabit Ethernet Ports 4 x Gigabit SFP Ports 56 Gb/s Switching Capacity 41.66 Mpps Forwarding Rate	Standard Quality	2	₹ 0	₹ 0	₹ 0
CH90	Network Training System		Standard Quality	2	₹ 0	₹ 0	₹ 0
CH91	LAN Protocol Simulation and Analyser Software		Standard Quality	2	₹ 0	₹ 0	₹ 0
CH92	Network and Internet security trainer		Standard Quality	2	₹ 0	₹ 0	₹ 0

CH93	LAN cable tester	Network Cable Tester With 7 Wavelength Optical Power Meter Vri,Rj11 Rj45/Poe Tester/Cat5 Cat6/Ncv With 10Mw Visual Fault Locator,Network Tool With Lithium Battery	Standard Quality	2		₹ 0		₹ 0	₹ 0
CH94	Network cables – UTP	Cat-6 UTP/Etehnet Cable Roll (305 Meters)	Standard Quality	5		₹ 0		₹ 0	₹ 0
CH95	Network Cables – coaxial, flat, ribbon	roll	Standard Quality	5		₹ 0		₹ 0	₹ 0
CH96	LAN Cards (5) , Wi-Fi LAN Card (5)	PCIe Ethernet Card Gigabit PCI Express Network Adapter - Green, 32-bit 10/100/1000 Mbps RJ45 Port, IEEE 802.3X Flow Control  300 Mbps Wifi Wireless Network USB Adapter For Desktop Pc with 2.4Ghz/5Ghz High Gain Dual Band 5Dbi Antenna	Standard Quality	10		₹ 0		₹ 0	₹ 0
CH97	Connectors for cables	RJ45 Connectors with Boot for Ethernet/Cat-6 Cables	Standard Quality	48		₹ 0		₹ 0	₹ 0
CH98	Power Meter		Standard Quality	2		₹ 0		₹ 0	₹ 0
CH99	Media Converter		Standard Quality	4		₹ 0		₹ 0	₹ 0
CH100	24 port UTP jack panel	Rack mountable Cat6 UTP 24 Port Loaded Patch Panel	Standard Quality	2		₹ 0		₹ 0	₹ 0
CH101	SC Couplers	SC-SC Duplex Fiber Optic Couplers - Singlemode/Multimode	Standard Quality	12		₹ 0		₹ 0	₹ 0
CH102	SC Pigtailed	Single Mode SC Optical Fiber Pigtail (1 meter length)	Standard Quality	12		₹ 0		₹ 0	₹ 0
CH103	RJ	RJ45 Connectors with Boot for Ethernet/Cat-6 Cables	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH104	Multimeter	Digital Multimeter for Accurate measurement of DC Current, AC/DC Voltage, Duty Cycle, Resistance, Diode. Should support Data Hold with Large LCD Backlit Screen, Auto Shut-off.	Standard Quality	2		₹ 0		₹ 0	₹ 0
CH105	NVR		Standard Quality	1		₹ 0		₹ 0	₹ 0
CH106	POE adapters kit	Passive PoE Injector and PoE Splitter Kit with 5.5x2.1 mm DC Connector RJ45 Power Over Ethernet	Standard Quality	2		₹ 0		₹ 0	₹ 0
CH107	IP Camera (Outdoor / Indoor)	Weatherproof Outdoor Wired Bullet Security Camera   2.4 MP  3.6 MM Lens for Wide Angle   1080P Full HD Recording   Digital Wide Dynamic Range	Standard Quality	2		₹ 0		₹ 0	₹ 0
CH108	Analog camera with DVR	4x CCTV Cameras (Night Vision) & 4 Channel DVR Standalone Kit	Standard Quality	2		₹ 0		₹ 0	₹ 0
<b>G. RAW MATERIAL</b>			Standard Quality			₹ 0		₹ 0	₹ 0
CH109	PCB, solder flux etc& electronic components	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH110	Wires, cables Plug sockets switches of various types and	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH111	Resistors, Capacitors, Inductors, Diodes, LED, Tr	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH112	Spare Transformers and power devices required	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH113	Various types of Button Cells	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH114	Dry Cell	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH115	Hand Brush	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH116	Silicon grease	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH117	Heat sink agent	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH118	RAM	512MB	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH119	Cartridges for printer	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH120	Optical Mouse	P/S2 or USB	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH121	P/S2 OR USB Key Board	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH122	SMPS	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH123	CMOS Battery	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH124	3 Pin Power Chord	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH125	Cat 5/5e/6 cable	meters	Standard Quality	300		₹ 0		₹ 0	₹ 0
CH126	Flat Cable	meters	Standard Quality	100		₹ 0		₹ 0	₹ 0
CH127	Pen Drives	8 GB	Standard Quality	4		₹ 0		₹ 0	₹ 0
CH128	CDs	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH129	DVDs	each	Standard Quality	12		₹ 0		₹ 0	₹ 0
CH130	Anti static pads	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH131	Anti static wrist wraps	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH132	Soldering wire and paste	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH133	RJ – 45 Connector	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH134	Co-axial cable	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH135	RJ-11 connector	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH136	BNC connector, T connector, terminator	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH137	Keystone jack	each	Standard Quality	24		₹ 0		₹ 0	₹ 0

CH138	Patch / Jack Panel	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH139	Patch / Mounting cord	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH140	RJ-45 Info outlet with faceplate	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH141	RJ-45 I/O Box	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH142	RJ-45 Cable extender	each	Standard Quality	24		₹ 0		₹ 0	₹ 0
CH143	8-port HUB	each	Standard Quality	4		₹ 0		₹ 0	₹ 0
CH144	LAN Card	each	Standard Quality	4		₹ 0		₹ 0	₹ 0
CH145	Wi-Fi LAN Card both PCI(2) and USB(2)	each	Standard Quality	4		₹ 0		₹ 0	₹ 0
CH146	Punching Tool	each	Standard Quality	1		₹ 0		₹ 0	₹ 0
	<b>Total</b>			<b>1873</b>		<b>₹ 0</b>		<b>₹ 0</b>	<b>₹ 0</b>

**Note:**

1. Unit price should include the cost of warranty for 03 year and freight and other charges such as loading/unloading, storage etc.
2. In case of discrepancy between unit price and total amount, the unit price shall prevail.
3. Bids shall be evaluated based on total amount with taxes.
4. The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.
5. All the tools and equipment should be as per BIS specification.
6. All the electrical items should be purchased with "Star rating" as available in market. So that the power consumption may be reduced.
7. Internet facility is desired to be provided in the class room.

## Others

### PRICE BID (FORM-2)

<b>NIT NUMBER</b>	<b>EdCIL/EIS-EPS/PGCIL/2025/2 Dated 29.08.2025</b>								
<b>NAME OF WORK</b>	<b>Supply, Installation and Commissioning of various ITI Trades Items for Power Grid Corporation of India Ltd. under CSR for Industrial Training Institute (ITI)-Gorakhpur (UP).</b>								
<b>NAME OF FIRM/BIDDER</b>									
<b>GST NUMBER</b>									
<b>Others</b>									
BOQ S. No.	Item name	Broad Specification	Make	Quantity (No)	Unit Price (Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
1	Computers for Admin	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher. RAM:-4 GB DDR-III or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor (Min. 17 Inch. Licensed Operating System and Antivirus compatible with trade related software.	HP/Dell/Lenevo	6		₹ 0		₹ 0	₹ 0
2	Drawing Models: Solid & cut section	Solid Models (for Orthographic & Isometric Drawing) and Cut Section Models (for Sectional Views & Projection Practice): (4 Set of 24 Models) + 10 Models from starting list = Total 106 Models 1Cube 2Cuboid (Rectangular Block) 3Triangular Prism 4Square Prism 5Hexagonal Prism 6Triangular Pyramid 7Square Pyramid 8Hexagonal Pyramid 9Cylinder (Vertical & Horizontal) 10Cone (Vertical & Horizontal) 11Sphere 12Hemisphere 13Frustum of Cone 14Frustum of Pyramid 15Combination of Solids (e.g., cube + cylinder, prism + cone) 16Cube cut by vertical / inclined plane 17Cuboid cut by vertical / inclined plane 18Cylinder cut by vertical / horizontal / inclined planes 19Cone cut by vertical / horizontal / inclined planes 20Prism cut by inclined plane 21Pyramid cut by inclined plane 22Sphere cut by vertical / horizontal plane 23Frustum (cone/pyramid) cut by plane	Standard Quality, Wooden Models Standard Size	106		₹ 0		₹ 0	₹ 0
3	Board & Signage	LS (Considered in Amenities cost)	Standard Quality	2		₹ 0		₹ 0	₹ 0
<b>Sub Total</b>				114		₹ 0		₹ 0	₹ 0