# EXPRESSION OF INTEREST (EOI)

For

**Selection of Training Partners (TPs) for Implementation of Placement Linked Non-Residential Skill Development Training Program**

Date of Issue: 7th December 2025

Last Date of Submission: 20 December 2025

EOI Reference No.: CGSSC/EOI/2025/5

**<u>Capital Goods & Strategic Skill Council</u>**

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## 1. Background

Capital Goods & Strategic Skill Council (CGSSC) invites Expressions of Interest (EOI) from eligible and experienced Training Providers / Skill Development Institutions / PMKKs / ITIs / Skill Universities to implement a Placement Linked Non-Residential Skill Development Training Program for Diploma students and recent graduates under the CSR initiative.

This program aims to enhance the employability of diploma engineers across key industrial sectors by imparting industry-aligned, NSQF-compliant skill training with a strong focus on placement and entrepreneurship outcomes.

## 2. Objective of the Program

The primary goal is to train and certify 360 diploma students in high-demand technical trades aligned to the Capital Goods sector and respective Sector Skill Councils, ensuring measurable livelihood outcomes.
Training Type: Non-Residential

## 3. Project Scope

The selected Training Partners will be responsible for mobilization, enrolment, Non-residential training delivery, assessment coordination, placement facilitation, and reporting via the Skill India Digital Hub (SIDH).

## 4. Target Locations

Proposed locations: Jamshedpur (Jharkhand), Delhi NCR.

## 5. Eligibility Criteria and Evaluation Framework

| S. No. | Parameter |
|---|---|
| 1 | Candidates trained in required job roles |
| 2 | Average Annual Turnover (Last 3 Yrs > ₹50L) |
| 3 | Center requirements in relevant job roles/trades as specified in Annexure A (Electrical, Piping, and Civil Tools & Equipment). |
| 4 | Placement record in similar projects |
| 5 | Infrastructure readiness & field verification by CGSSC |

| 6 | Partners who have strong industry connects in construction and manufacturing sector and proven track record in placement will be considered. |
|---|---|

## 6. Required Documents

Include organization registration, PAN/GST/CSR-1, financials (3 years), CGSSC/SSC/SIDH affiliation, experience proofs, infrastructure photos, staff details, and non-blacklisting declaration.

## 7. Payment Milestones

Milestones is based on various tranches including placement outcome, targets are to place at least 60% of trainees in jobs and support around 20% in entrepreneurship or self-employment.

## 8. Monitoring & Evaluation

CGSSC will monitor implementation through SIDH portal tracking, progress reports, field audits, and impact assessments.

## 9. Submission Process

Soft copy proposals with annexures must be emailed to rfp@cgssc.org with a copy to operations@cgssc.org subject 'EOI Submission – Training Partner for Placement Linked Non-Residential Skill Development Program'.

## 10. Contact Information

Capital Goods & Strategic Skill Council (CGSSC)
**Email:** rfp@cgssc.org cc to operations@cgssc.org
**Website:** https://cgssc.org/
**Phone (Office):** 7838293838

### List of Documents to be Submitted

| S. No. | Description | Details |
|---|---|---|
| 1. | Name of the organization | Incorporation/ Society Certificate |
| 2. | Legal Status (Registered Society/ Govt./Semi-Govt./ Public Sector/ NGO/ Autonomous Body etc.) | Incorporation/ Society Certificate |
| 3. | Registration No. C Date of Registration of Agency | Incorporation/ Society Certificate |
| 4. | PAN Card Number | PAN Copy |
| 5. | Founder's Name and Brief Profile | In Partner Application Form |

| 6. | Registered / Head Office Address of the agency | Incorporation/ Society Certificate |
|----|-----|-----|
| 7. | Name(s) of CEO/Director(s)/Chairman | Declaration and Valid Details |
| 8. | Phone No. | Valid Documents – Disclose |
| 9. | Email Id | Valid Documents – Disclose |
| 10 | Average turnover of last three completed financial years | C.A. Certificate for Annual Turnover |
| 11. | Organizational Strength | C.A. Certification |

**Application Format: Partner Application Form**

### 1. Organization Overview

| Organization Name | |
|-----|-----|
| Registered Address | |
| Communication Address | |
| Website Address | |

| Legal Status | Trust | | Society | | Section 8 | |
|-----|-----|-----|-----|-----|-----|-----|
| Registration Number | | Registration Date | | | | |
| CSR-1 Registration Number | | | | | | |
| Vision | | | | | | |
| Mission | | | | | | |

| Thematic Area of Work | |
|-----|-----|
| Organization History (Brief History) | |
| What are the problems addressed/solved by the organization? | |
| Active Geographical Presence | |

| Key achievements | |
|---|---|
| Religious or political affiliation/ objectives | |
| Awards and Recognition | |

| Personnel Count (with a focus on DEI) | Nature of Employment | Male | Female | Third Gender | Total |
|---|---|---|---|---|---|
| | Permanent (Full time Payroll) | | | | |
| | Contractual (full time short-term contract) | | | | |
| | Consultant (Part-time contracts) | | | | |
| | Total | | | | |

| Organization Chart | << Paste Organogram >> |
|---|---|
| Existing Funding Partners | |

| Primary Contact Person | | Designation | |
|---|---|---|---|
| | Email ID | | Contact | |

| Secondary Contact Person | | Designation | |
|---|---|---|---|
| | Email ID | | Contact | |

## 2. Key Personnel

| Founder | |
|---|---|
| Chairperson | |
| Governing Board (Table with a brief profile) | |
| Management Team | |

## 3. Proposed Project

### About the proposed project

| Period | | From | | To | |
|---|---|---|---|---|---|
| Total Participants | | | | | |

### Household/Beneficiary Coverage and Location

| State | District | Block | Household/Beneficiary with Outreach in Resource Block | Spill-over Blocks | Why this Location? (Reasoning) |
|---|---|---|---|---|---|
| | | | | | |

| Criteria for Trainee selection in the project. From where the trainees will be mobilized? | |
|---|---|

### Project Details

| Overview of the Location | |
|---|---|
| Industries Presence | |
| Need Assessment Brief Report | |
| Gender Lens Observed in the society | |
| Overview of challenges in the community | |
| Describe the key problems that the project would address | |

| Key personnel associated with the projects | | | | | |
|---|---|---|---|---|---|
| Project team members | | | | | |
| **Project Implementation Information** | | | | | |
| Implemented by | Self | | Downstream Partner | | Outsourced | |
| | < If yes, for Downstream partner / Outsourced, please elaborate on the organization and nature of support> | | | | | |
| **Project Activities** <Elaborate on nature of inputs (qualitative).> Also mention your prior experience | | | | | |
| Mobilization | | | | | |
| | | | | | |
| Training Delivery | | | | | |
| | | | | | |
| Assessment and Certification | | | | | |
| | | | | | |
| Placement and Placement Support | | | | | |
| | | | | | |
| Enterprises/ Entrepreneurship Support | | | | | |
| | | | | | |
| Leveraging Government Investment/Convergence/Other Donors | | | | | |
| | | | | | |

## 4. Monitoring and Evaluation

| | |
|---|---|
| Project Activity Monitoring Plan | |
| Frequency of Project Team Meetings with the supervising authority | |
| Describe tools used for reporting the progress of the projects | |
| Details of Feedback mechanism, if any from the participants | |

## 5. Risk Assessment

| Tools techniques, process used for assessing risks | | |
|---|---|---|
| **Project Activities** | **Risk Identified** | **Mitigation Strategy** |
| | | |
| | | |

## 6. Declaration

| A.  Legal Cases – Declaration |
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| |

# Annexure A

## ELECTRICAL TOOL & EQUIPMENT TABLE

| SL.No. | Topic (Module Title) | Item / Equipment | Quantity (For 30 Learners) | Purpose / Use |
|---|---|---|---|---|
| 1 | LT & HT Electrical System Design | High-Performance Computers with AutoCAD & ETAP | 15 | Designing SLDs, HT/LT layouts & power system studies |
| | | AutoCAD Software License | 15 | Drafting electrical SLDs & layouts |
| | | ETAP / SKM Power Analysis Software | 15 | Load flow, fault-level, protection coordination |
| | | Mini SLD Demonstration Panel | 1 | Understanding feeders, busbars & system interlocks |
| | | LT Panel (Training Model) | 1 | Learning MCCB/MCB/ELCB/RCCB arrangements |
| | | HT Panel (Mock-up) | 1 | Demonstration of CT/PT, relays, breakers |
| | | Transformer Demo Model (25–63 kVA) | 1 | Understanding ratings, cooling, tap settings |
| 2 | Cable Selection, Sizing & Routing | Cable Samples (LT/HT/Control) | 20 sets | Teaching cable types & construction |
| | | Cable Tray Samples (Perforated, Ladder, Raceway) | 10 sets | Demonstration of segregation & routing |
| | | Digital Multimeters (DMM) | 10 | Cable continuity & voltage measurement |
| | | Clamp Meter | 5 | Current measurement during load checks |
| | | Insulation Resistance Tester (Megger) | 3 | Testing insulation of cables |
| | | Cable Cutter (Ratchet Type) | 5 | Demonstration of cable cutting |
| | | Crimping Tools | 10 | Cable termination practice |

| | | Ferrule, Lug & Gland Kit | 5 kits | Labelling & cable termination |
|---|---|---|---|---|
| 3 | Earthing System Design & Lightning Protection | Earth Resistance Tester | 2 | Demonstrating earth pit testing |
| | | Earthing System Demo Model (Plate/Pipe/Chemical) | 1 | Earthing types & construction |
| | | Lightning Arrestor Demonstration Kit | 1 | Lightning protection & zones |
| | | GI/Copper Strip Samples | 10 | Earthing conductors demonstration |
| | | Chemical Earthing Sample Kit | 1 | Modern earthing system demo |
| | | Soil Resistivity Meter | 1 | Accurate earthing design |
| 4 | Lighting Design (Dialux) | Computers with Dialux Installed | 15 | Lux calculation & lighting layouts |
| | | Lux Meter | 5 | Checking illumination levels |
| | | LED Fixture Samples | 10 | Understanding beam angle, lumens & wattage |
| | | Wiring & Conduit Samples | 10 sets | Illumination wiring demonstration |
| 5 | ELV & Instrumentation System Design | CCTV Camera Demo Kit | 1 | Understanding ELV cabling |
| | | Fire Alarm Panel with Detectors | 1 | Alarm system planning & routing |
| | | Access Control System Kit | 1 | ELV system integration |
| | | Control Cable Sample Set | 10 | Instrumentation cabling demo |
| | | SCADA Demo Panel | 1 | Signals, I/O & communication demo |
| 6 | Electrical Safety & Standards | PPE Kits (Helmet, Gloves, Shoes, Goggles) | 15 sets | Demonstration of electrical safety |
| | | Earthing Discharge Rod | 1 | Safe de-energizing practice |

| | | | | |
|---|---|---|---|---|
| | | CO$_2$ Fire Extinguisher | 2 | Electrical fire safety |
| | | First Aid Box | 1 | Emergency preparedness |
| | | IS Standards / Safety Posters | 30 | Safety awareness |
| 7 | Measurement & Testing Instruments | Digital Multimeters | 10 | Electrical measurement training |
| | | Clamp Meter | 5 | Current measurement |
| | | Thermal Imager | 1 | Hotspot analysis |
| | | Phase Sequence Meter | 3 | Checking 3-phase rotation |
| | | Continuity Tester | 10 | Circuit continuity checks |
| | | Power Quality Analyzer | 1 | Harmonics & voltage quality |
| 8 | Documentation, BOQ & Drawings | MS Office (Excel/Word) | 15 | BOQ preparation & costing |
| | | Engineering Handbooks / IS Codes | 5 sets | Reference for design & calculations |
| | | A1/A2 Plotter Printer | 1 | Printing layouts, SLDs |
| | | Whiteboard with Markers | 1 | Teaching diagrams & logic |
| 9 | Quality Lab (Civil + Electrical) | Compression Testing Machine (CTM) | 1 | Civil material strength testing |
| | | Sieve Set with Shaker | 1 | Aggregate grading |
| | | Slump Cone Apparatus | 2 | Concrete workability |
| | | Rebound Hammer | 1 | NDT concrete testing |
| | | Electrical Load Testing Board | 1 | Load behaviour demonstration |
| | | Additional Multimeters | 5 | Lab electrical testing |
| | | Earthing Resistivity Kit | 1 | Quality assessment of earthing |
| | | Vibration Meter | 1 | Machine condition monitoring |

# PIPING TOOL & EQUIPMENT LIST:

| SL.No. | Topic (Module Title) | Item / Equipment | Quantity (For 30 Learners) | Purpose / Use |
|---|---|---|---|---|
| 1 | Plan and Execute the Piping Layouts, PFDs, and P&IDs | AutoCAD Software License | 30 | For creating and editing piping layouts, PFDs, and P&IDs |
| 2 | | Computers / Workstations | 30 | To run CAD software and prepare drawings |
| 3 | | Drafting Tables | 30 | For manual drawing and layout exercises |
| 4 | | Drawing Instruments (Scales, T-Square, Set Squares, Compass) | 30 sets | For manual drafting and measurement exercises |
| 5 | | Plotter / Large Format Printer | 1 | For printing large drawings and layouts |
| 6 | Design and Detailing | Smart Plant / PDMS Software License | 10–15 | For 3D modelling, equipment layout, and piping system detailing |
| 7 | | Pipe Samples & Fittings (Elbows, Flanges, Valves) | 1 set per 5 learners | For hands-on understanding of piping components |

| | | | | |
|---|---|---|---|---|
| 8 | of Equipment and Piping Systems | Process Equipment Models (Vessels, Heat Exchangers, Tanks) | 5 sets | To practice equipment layout and detailing |
| 9 | Fabrication Drawings and Isometrics Preparation | Isometric Drawing Software / Module | 30 | For generating isometric drawings from layouts |
| 10 | | CAD Mouse & Keyboard | 30 | To facilitate efficient drafting and modelling |
| 11 | | 3D Printer (Optional) | 1 | For printing models of equipment and pipe layouts |
| 12 | Piping (Core Work) | Pipe Cutter (Manual & Electric) | 5–10 | For cutting pipes to required lengths |
| 13 | | Pipe Bender (Manual / Hydraulic) | 5 | For bending pipes at required angles |
| 14 | | Pipe Wrenches (Adjustable / Fixed) | 30 | For tightening or loosening threaded pipes and fittings |
| 15 | | Threading Machine / Hand Dies | 2 | For threading pipes for joint connections |
| 16 | | Measuring Tape & Vernier Calipers | 30 | For accurate measurement of pipes and components |
| 17 | | Level & Spirit Level | 15 | To ensure proper alignment and slope of piping |

| | | | | |
|---|---|---|---|---|
| 18 | | **Flange Spreader / Gasket Cutter** | 3 | **For assembling flanges and preparing gaskets** |
| 19 | | **Safety Equipment (PPE Kit, Gloves, Goggles)** | 30 | **To practice safe handling of tools and pipes** |
| 20 | **Adhere to Health, Safety, and** | **Fire Extinguisher** | 2 | **For fire safety demonstration and training** |
| 21 | **Environmental Standards** | **First Aid Kit** | 1 | **For basic health and safety preparedness** |

# CIVIL TOOL & EQUIPMENT TABLE (Batch of 30):

| S. No. | Topic (Full Title) | Item | Quantity | Purpose / Usage |
|---|---|---|---|---|
| 1 | | **Desktop Computers (High-Performance Workstations)** | **30 + 2 spare** | **Running AutoCAD, STAAD, ETABS, Revit, and BIM modelling software** |
| 2 | | **High-Resolution Monitors (24"/27")** | 30 | **Clear and detailed viewing of drawings, models and analysis outputs** |
| 3 | | **Projector / Smart TV** | 1 | **Demonstrations, training presentations and visual learning** |
| 4 | **General Laboratory** | **Whiteboard with Markers** | **1 set** | **Structural sketches, formulas, explanations** |

| 5 | Tools, Equipment and Infrastructure | Wi-Fi Internet Setup | 1 | Software licensing, BIM cloud collaboration, research |
|---|---|---|---|---|
| 6 | | UPS / Power Backup (Online UPS 5 KVA) | 1 | Ensures uninterrupted software training during power cuts |
| 7 | | Printer + Scanner (A3) | 1 | Printing and scanning structural drawings and documents |
| 8 | | Stationery Set (Scale, Pencil, Eraser, Geometry) | 30 sets | Manual sketches, rough drawings and calculations |
| 9 | Software Tools for Structural Drafting, BIM Modelling and Structural Analysis | AutoCAD License | 30 | Creation of 2D structural plans, elevations and sections |
| 10 | | Revit (BIM) License | 30 | 3D BIM modelling, clash detection and coordination |