



**Expression of Interest (EOI) for
Empanelment of Design and Skilling Partners
under the STRIDE Initiative of K-DISC**

Ref. No: 3067/2025/KDISC

Dated: 10.10.2025

KERALA DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL (K-DISC)
India Heights, Govt. Women's College Road, Vazhuthacaud, Thiruvananthapuram – 695014
Phone: 0471 4117000 (Extn: 201)

DISCLAIMER

All information contained in this Expression of Interest (“EOI”) and subsequently provided is shared in good faith and with genuine intent. While this EOI does not constitute a contract or an offer to enter into a contract, agencies shortlisted through this process may be invited to enter into a formal agreement based on further evaluation and mutual consent. Kerala Development Innovation Strategic Council (K-DISC) reserves the right to cancel this EOI and/or invite proposals afresh with or without amendments without assigning any reason to anyone.

The purpose of this document is to provide the applicants with information to assist in formulation of their proposals. Each applicant may conduct its own independent investigation and analysis and is free to check the accuracy, reliability, and completeness of the information in this document.

Submission of proposal to K-DISC does not guarantee the selection or engagement of the applicant. Under no circumstances will K-DISC be held responsible or liable in any way for any claims, damages, losses, expenses, costs, or liabilities whatsoever resulting from or arising directly or indirectly by application or non-application to this EOI.

EOI Document Details

Ref. No. and Date: : 3067/2025/KDISC, dated 10.10.2025

Date of Issue of Notice Inviting EOI: 10.10.2025

EOI Submission Start Date (via Email): 10.10.2025

EOI Submission Closing Date (via Email): 20.10.2025

Result Publishing on K-DISC website: 20.11.2025

Issued by:

The Member Secretary,
Kerala Development and Innovation Strategic Council (K-DISC),
2nd Floor, India Heights Building, Govt. Women’s College Road,
Vazhuthacaud, Thiruvananthapuram – 695014

K-DISC STRIDE

Expression of Interest for Digital Fabrication Training and Design Partners

Providing 3D Design, Printing Services & Skill Training to Neurodivergent Community

1. ABOUT STRIDE & PROJECT OVERVIEW

K-DISC STRIDE (Social Technology & Research for Inclusive Design Excellence) is Kerala's initiative to create India's first Inclusive Innovation Hub for assistive technology manufacturing.

Services Required:

- Monthly 3D Design Support Services
- 3D Printing and Manufacturing Services
- 3D Printing Technology Training
- Laser Cutting and Engraving Training
- Digital Fabrication Techniques Training

Target Beneficiaries: Neurodivergent individuals in BUDS institutions, special education teachers, Therapists and students

Timeline: Starting November 2025 | **Duration:** 2 weeks intensive program | **Coverage:** Pan-Kerala

K-DISC Budget Allocation (Year 1: 2025-26):

- ₹15,00,000 for Skilling (Training & Implementation) by Kudumbashree
- ₹5,00,000 for 3D Design Support and Printing Services by K-DISC

2. SCOPE OF WORK

2.1 Training Modules (2-week program)

- **3D Printing:** Technology, operation, materials, quality control, safety
- **Laser Cutting:** Fundamentals, material selection, operations, safety
- **Digital Fabrication:** User-centered design, prototyping, testing, documentation
- **Process Training:** Assessment, project-based learning approaches

2.2 Monthly 3D Design & Printing Services

- Custom assistive device design (CAD files)

- Design iterations based on user feedback
- Manufacturing-ready file preparation
- 3D printing of designed prototypes
- Assembly and finishing services
- Material sourcing and quality assurance
- Technical documentation and user manuals

2.3 Delivery Requirements

1. **Mode:** Hands-on practical training | **Languages:** Malayalam & English
2. **Locations:** STRIDE Makerspaces across Kerala
3. **Outcomes:** Tangible project deliverables and certification

3. ELIGIBILITY CRITERIA

Mandatory Requirements

Organizational:

1. Registered entity in India (min. 3 years) – Startups preferred (KSUM registered)
2. Audited financial statements for last 3 years
3. Experience in vocational skill development
4. Experience with persons with intellectual disabilities
5. GST & PAN registration

Technical:

1. Trainers in 3D printing and laser cutting
2. 3D Design and CAD expertise
3. Experience in adaptive/assistive technology
4. Familiarity with various 3D printers and laser cutters
5. 3D printing production capabilities

Special Education:

1. Minimum 3 years with BUDS institutions or special education centers

2. Adaptive teaching methodologies for neurodivergent individuals
3. Track record of successful outcomes

Infrastructure:

1. Access to STRIDE Makerspaces OR equipment lease capability
2. Safety compliance

Preferred Qualifications

1. Government institution collaborations
2. Assistive technology manufacturing experience
3. Research publications in inclusive design

4. SUBMISSION REQUIREMENTS

4.1 Institutional Details

Organization name, registration details, legal status (LLP/Pvt Ltd), GST/PAN, address, contact person, years of operation, financial turnover (3 years), KSUM registration (if applicable)

4.2 Organizational Capabilities

1. History, mission alignment with inclusive innovation
2. Achievements, awards, partnerships
3. Infrastructure readiness, prior government projects

4.3 Previous Projects (Minimum 3 disability-focused projects)

Project name, client, duration, value, beneficiaries, outcomes, BUDS collaborations, testimonials

5. FINANCIAL PROPOSAL

5.1 Training Cost (per participant for 2-week program)

Component	Cost (INR)	Remarks
Training Delivery		All trainer fees
Materials & Consumables		Per participant
Certification		

Software Licenses		Pro-rated
Assessment		Testing & documentation
Administration		Coordination

Total per Participant: ____ | **Min. Batch:** ____ | **Max. Batch:** ____

5.2 Monthly 3D Design & Printing Services

Total Monthly Cost: ____ | **Additional Design Cost:** ____ per design

Additional Printing Cost: ____ per unit beyond included quantity

5.3 3D Printing Service Rates

Materials: PLA+, ABS, PETG, TPU (specify rates)

5.4 Equipment Lease Rates (if STRIDE equipment unavailable)

Equipment	Daily Rate (INR)	Tech Support	Remarks
3D Printer		Yes/No	With maintenance
Laser Cutter		Yes/No	Safety included
Computers		Yes/No	Software pre-installed

5.5 Payment Terms

1. Advance: ____% | Mid-training: ____% | Final: ____%
2. Monthly design/printing: Advance payment
3. Equipment lease: Daily/Weekly terms

6. IMPLEMENTATION & QUALITY

6.1 Timeline

1. **Week 1:** Foundation - basic concepts, safety, hands-on introduction
2. **Week 2:** Application - advanced techniques, project development
3. **Post-training:** Certification and documentation

6.2 Tangible Outcomes Required

1. Minimum 2 fabricated items
2. One assistive device prototype
3. Safety compliance demonstration

6.3 Monthly Design & Production Deliverables

1. New assistive device designs per month
2. Weekly progress reviews
3. User feedback integration
4. Printed prototypes with quality assurance
5. Complete technical documentation

6.4 Success Metrics

1. Skill acquisition and project completion
2. Safety compliance and certification rate
3. Participant satisfaction

7. MANDATORY DOCUMENTS

Must Submit:

1. **Legal:** Registration certificate, GST, PAN, KSUM (if applicable)
2. **Financial:** Audited statements (3 years) - Balance Sheet, P&L, Cash Flow, Auditor's Report, ITR (3 years)
3. **Experience:** Project portfolio, work orders, testimonials (min. 2)

Note: All documents self-attested. K-DISC reserves verification rights.

8. EVALUATION CRITERIA

Criteria	Weight	Focus
Technical Expertise	20%	3D skills, design, printing capabilities , training methodology
Disability Sector Experience	35%	Min. 3 years BUDS experience, testimonials, adaptive methods

Financial Viability	15%	Competitive pricing, 3-year audited financials, sustainability
Implementation Plan	10%	readiness
Organizational Capabilities	20%	Track record, infrastructure, production capacity, partnerships

Minimum Score: 70%

9. COMPLIANCE & ETHICS

1. Labor laws, safety regulations, disability rights compliance
2. Data protection, financial transparency, audit readiness
3. Dignity and respect, confidentiality, inclusive communication
4. Child protection, safeguarding, grievance mechanisms

10. SUBMISSION

Deadline: 28.10.2025

Email to stride@kdisc.kerala.gov.in

Results: 30 days after publishing

11. TERMS & CONDITIONS

General:

1. K-DISC reserves right to reject any/all proposals
2. Information verification and due diligence
3. Shortlisted vendors may present
4. Contract finalization post-selection

Disqualification:

1. Incomplete/false information
2. Missing audited financials (3 years)
3. Less than 3 years BUDS experience
4. Poor references or legal issues

5. Blacklisting by government organizations

CONTACT

K-DISC STRIDE Project Team

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This EOI is issued by K-DISC for STRIDE initiative. Terms subject to final contract negotiations.

Version: 3.3