REQUEST FOR PROPOSAL (RFP)

Selection of Digital Content Development Partner/ Agency

(Including AR /VR Solutions, E-Learning Modules/Interactive Videos for Higher NSQF Level QP in the Domain of IASC)

Instrumentation Automation Surveillance & Communication Sector Skill Council (IASC SSC)

1. Introduction

IASC SSC invites proposals from interested agencies/organizations to develop high-quality digital learning content, including AR/VR-based solutions aligned with industry requirements.

2. Objective

- Develop industry-relevant digital learning content
- Create immersive AR/VR-based learning experiences
- Align with NSQF/NCrF qualifications

3. Scope of Work

3.1 Content Development

- E-learning modules (SCORM compliant)
- Video lectures and interactive content

3.2 AR/VR Development

- Virtual labs for instrumentation systems
- Simulation Modules

3.3 Qualification Domain (List of QP in Annexure 1)

- Instrumentation Engineering
- Industrial Automation
- Robotics & Mechatronics
- Industry 4.0 / Smart Manufacturing

4. Deliverables

- Complete digital course modules
- AR/VR Learning module
- Trainer and learner guides
- Assessment questionnaire
- Source files

5. Eligibility Criteria

- Minimum 3 years of experience in digital learning
- Experience in AR/VR module Development
- Proven record of working in the EdTech Sector
- Experience in technical education (Domain Expertise)

6. Evaluation Criteria

Criteria	Weightage
Technical Proposal	40%
Past Experience	20%
Demo / Prototype	20%
Financial Proposal	20%

7. Proposal Submission

Technical Proposal: Company profile, experience, methodology, sample work, team details.

Financial Proposal: Cost per module, AR/VR development cost, maintenance cost.

8. Timeline

Activity	Timeline
RFP Release	15 March 2026
Pre-bid Meeting	22 March 2026
Submission Deadline	26 March 2026

For any Clarification

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ANNEXURE-1

S. No.	QUALIFICATION NAME	DOMAIN
1	Pneumatic, hydraulic & motion control specialist	Factory automation
2	Manager- system integration	Factory automation
3	DCS specialist	Process automation
4	Process automation engineer	Process automation
5	SPM (special-purpose machine) specialist	Mechatronics
6	Applied mechatronics specialist. Sensor technology & application expert	Mechatronics
7	Biomedical instrumentation specialist	Medical instrumentation
8	Green Automation Expert	Green Automation
9	Smart Farming (Farm Automation) expert	Farm Automation
10	Physical Securities and surveillance Specialist	Surveillance
11	Drone Design & Manufacturing Engineer	Drone Technologies
12	Communication & Broadcasting Technologist	Communication & Broadcasting