

RFP/IASC/LAB 1259

25 March 2026

Request for Proposal (RFP) for Robotics Lab

IASC Sector Skill Council (IASC SSC) invites proposals from eligible and experienced organizations for the establishment of a state-of-the-art Robotic Lab in Delhi NCR. The scope of work includes the supply, installation, and commissioning of a collaborative robotic (cobot) system for pick-and-place applications, along with all necessary hardware and accessories.

Sl. No	SPECIFICATION	Qty.
	Pick & Place Cobot cell with breadbord	1set
1	<p>Cobot - ABB/Fanuc/Kuka</p> <p>Payload 5 kg</p> <p>Arm Load 1Kg</p> <p>Reach wrist-0.95meter Flage- 1.05meter</p> <p>Cobot - up to max speed 2.2meter/sec with configurable shock setting.</p> <p>IP rating of manipulator - IP67, Power consumption - 0.25kw @ single phase 230v</p> <p>Configurable ASI Setting button on manipulator</p> <p>Status indication on manipulator (colour configurable)</p> <p>Pose repeatability & accuracy - 0.02mm, Path repeatability - 0.056</p> <p>M8, 4 pins connector, CAT 5 cable, up to 4 digital signals available for digital IOs, Analog IOs, Fieldbuses and Ethernet based protocols & M8, 3 pins connector, 24V/3A</p> <p>Functional safety: SafeMove Collaborative included all safety functions certified to Category 3, PL d. It includes up to 16 safety zones</p> <p>SGS Functional safety: ISO 10218-1:2011 and the applicable portions of ISO/TS 15066, ISO 13849-1:2015, IEC 60204-1:2016</p> <p>The product is compliant with ISO 10218-1:2011</p> <p>Controller:</p> <p>Physical Controller Dimensions : 449x443x170 (WxDxH) mm</p> <p>Weight 24kg</p> <p>Power requirements : 230 VAC 50 - 60 Hz single phase</p> <p>Communication Protocol : EtherNet/IP</p> <p>Mounting Options : Standing, Rack mount, Vertical mount, Desktop Design</p> <p>Teach pendent :</p> <p>Screen : 8'' colour touch screen</p> <p>Resolution : 1024x768</p> <p>Protection : IP54</p> <p>3D Joystick</p> <p>Live grafics of manipulator in teachpendent</p>	1Set

Instrumentation Automation Surveillance & Communication Sector Skill Council

(CIN: U74900DL2016NPL290220)

(An ISO 9001:2015 Certified Company)

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2	Electrical Gripper	1 Set
	Type: 2jaw	
	Stock: 16 one side	
	Gripping force: 3 to 7N	
	closing speed: 5 to 80 mm/sec	
3	Movable Cell	1 Set
	MS based MECHANICAL STRUCTURE WITH WHEEL: 1200X1000X800 MM (LXBXH)	
4	Bread Board	1Set
	LxW: 400x400 mm	
	Thickness 10mm	
	Aluminum construction	
	Black anodized finish for aluminum	
	Multiple size component for breadboard	

Kindly submit/mail your techno-commercial offer to bdm@iascsectorskillcouncil.in on or before 28 March 2026.

Authorised Signatory



Head- Business Development