

**RFP for Robotics Lab**

RFP/IASC/LAB 1255

Date: 05 Mar 2026

IASC Sector Skill Council is seeking proposals from establishing a Robotic Lab (including Robotic arm and other hardware along with training material for welding purpose) in Delhi NCR.

**Technical Specifications of Welding Robot**

DESCRIPTION	SPECIFICATIONS
Controlled Axis	6 (Vertically articulated)
Payload	6 kg
Repeatability	±0.02 mm - ±0.08 mm
Approx. Mass	32 kg- 190 kg
Ambient Conditions	Temperature - 0°C to ±45°C
	Humidity- 35% to 85% RH (non-condensing)
	Vibration - 4.9 m/s <sup>2</sup> (0.5 G) or less
	Altitude - 1000 m or less
	Others- Free from corrosive gas or liquid, or explosive gas or liquid Free from exposure to water, oil, or dust Free from excessive electrical noise (plasma) Free from strong magnetic fields
Power Requirements	1 - 1.5 kVA
Mounting	Floor, ceiling, wall, tilt
Power Stabilizer	Yes, As per Robot Requirement
Gripper	Yes, 2 Jaw Finger Gripper
Installation and Training	Yes
Make	ABB/KUKA/KAWASAKI and other reputed brands

Kindly submit/mail your techno-commercial offer to [bdm@iascsectorskillcouncil.in](mailto:bdm@iascsectorskillcouncil.in) on or before 09 March 2026.

Authorised Signatory  
  


Head- CSR & Business Development

**Instrumentation Automation Surveillance & Communication Sector Skill Council**

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