

### RFP for Robotics Lab

RFP/IASC/LAB 1246

Date: 17 Mar 2025

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.

#### 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
Welding Power Source	200 Amps or Better
Wire Feeder	Yes
Welding Torch	Yes
Welding Interface Cable	5m
Wire Feeder Cable	5m
Conduit Cable	3m
Power Cable(+ Side)	5m
Power Cable (-Side)	5m
Welding Table	Yes
Robotic Cell Fencing	Yes
Gas Cylinder	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 22 March 2025.

Authorised Signatory  
  
 Head- CSR & Business Development

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

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(An ISO 9001:2015 Certified Company)

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