



शासकीय अभियांत्रिकी महाविद्यालय, औरंगाबाद
छत्रपती संभाजीनगर

(महाराष्ट्र शासनाची स्वायत्त संस्था)

स्टेशन रोड, उस्मानपूरा, छत्रपती संभाजीनगर (महाराष्ट्र)

"In Pursuit of Technical Excellence"

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GECACS/Ws-Welding Sec/2026/2762

Date : .07.2026

To,

QUOTATION Inquiry

17 AUG 2026

Institute Website/ Notice Board

Sub:- Quotation for various items for Workshop (Welding Section)

Sir, You are requested to send your quotations on following conditions. in sealed envelope for the supply of the service listed herewith .Mention letter no & date of opening on the quotations on the envelope. Submit the same on or before Date: - 25/08/2026 up to office time

Sr	Name of items with specification	Quantity required *	Remarks
01	As per list attached herewith (Sr.A to H)	attached	

(* Quantity may be increased as per requirement)

(Dr.S.S.Damhare)

PRINCIPAL

GOVERNMENT COLLEGE OF ENGINEERING,
Aurangabad, Chatrapati Sambhajinagar

Conditions of the quotations:-The rate should be quoted for Chhatrapati Sambhajnagar & along with packing forwarding freight etc. Charges

The firm should registered as per GST Act /appropriate act of Govt .of Maharashtra act.

1. The rate quoted should be valid for minimum Six Month from the date of opening of the quotation. If supply order placed with you, the goods Delivery (as applicable) period should be maximum two weeks from receipt of supply order, otherwise you should be very clearly mentioned the delivery Period in your quotation.
2. Your items should be quoted to our serial number only.
3. The rate should be quoted as per our specification otherwise your items having specifications are different from those of ours should not be quoted. But the rates of your items having nearest specification should be quoted. Minimum packing size may be mentioned if required.
4. The samples should be supplied if required.
5. The undersigned Reserve the right not to consider or the quotation in absence of the convincing, satisfactory information about the item.
6. In case of machinery, equipment, Apparatus instrument etc. the operating instructions and maintenance manual, demonstration etc. may be required before finalizing the order for supply of the items
7. The undersigned Reserve the right without giving any reason (a) to reject the quotation in part of full (b) to extend the date of opening the quotation and (c) to cancel the quotation in part or in full
8. If the quotation is accepted the items should be supplied to the institute on or before the stipulated period or within the period decided by mutual consultation otherwise the order for supply of the items to the store shall be treated as cancel unless the extension for delivery period is agreed to by the undersigned
9. If the items Delivered late without prior approval from the undersigned a sum equivalent to the half percent per week or part thereof of the net cost of the late delivered item beyond the stipulated period will be deducted from the bill
10. The bill in the triplicate of the items supplied should be sent directly to the undersigned by hand delivery or by registered post account due.
11. Damaged, deficient, not in accordance with the accepted specifications and unsatisfactory items will have to be collected by the supplier at the cost and risk or the appropriate cost for such shortcomings may be deducted from the bill by mutual Consultation.
12. The stores should be insured with the government insurance fund, Mantralaya Mumbai for transit risk. The premium theory of may be paid by the supplier and the same may be charged in the bill separately.
13. The payment of the bill will be released only after the delivery of the stores at the office in good condition and subject to inspection, testing and satisfactory compliance in accordance to the specifications as decided i.e. only after final acceptance of the goods.
14. You should be able to furnish the necessary Income Tax certificates as and when request by us.
15. The committee will decide the validity of quotation based on maximum matching specification.
16. Institute will issue supply order to successful bidder as per requirement.

List of various items required for Welding Section of Workshop for 2026

Sr. No	Name of items	Specification	Req. qty
A	Brazing (Heating Equipment)		
1	Gas cylinder (Oxygen)	Cylinder Metric Cylinder Water Capacity 10 Litres Service/Working Pressure 150 bar (approx 2175 psi) Hydrostatic Test Pressure 250 bar (approx. 3625 psi) Gas Capacity Volume (1500 Litres of gas) Standard Outer Diameter 140 mm to 152 mm	1
2	Gas cylinder (Acetylene)	Specification Metric Medium Tank Water Capacity Volume 10 Litres Gas Capacity Volume 40 cu. Ft Acetylene Gas Weight 1.4 kg Working Pressure (15°C) 15.6 bar (226 psi) Hydrostatic Test Pressure 52-60 bar Approx. Tare (Empty Weight) 11.8 kg Standard Dimensions 157 mm* 510 mm	1
3	Gas Torch (Oxy Acetylene Torch)	Length-500mm, manual handling, light weight material, brass purpose gas welding brazing & soldering, cutting.	1
4	Pressure Regulator(Oxygen)	Inlet pressure 105-200bar, out let pressure 0-10 bar, material Brass pressure relief valve.	1
5	Pressure Regulator Acetylene	Inlet pressure 15-25 bar, out let, pressure 0-1.5 bar material, Brass pressure, relief valve	1
6	Gas pipe /Hose (oxy Acetylene)	Oxygen Green pressure up to 20 bar, Acetylene, red pressure to 10 bar	20 meter
7	Spark Lighter	Material steel weight 70-150g manual operation	2
B	Brazing Filler Material		
1	Copper Brazing Rod	Material Copper 1.5-4mm, length 500mm 1m	2 kg
2	Borax Based Flux	Base (Na ₂ B ₄ O ₇ ·10H ₂ O pow dw) 1kg containers	1 kg
C	Safety Equipment		
1	Welding Goggle	Lens shade 4-8 material glass	12
2	Apron	Laser radiation material, Composite, polymer layers weight 2 to 3 kg	3
3	Safety Shoes	Toe cap steel, composite, PU-Rubber, leather	1
4	Face Mask (face shield)	Material polycarbonate,	3
D	Holding & Cleaning Tools		
1	Wire Brush	Material steel, wire dia 0.2-0.5, length 200-300mm	6
2	Sand Paper	Material Al2O2 40-400+ Size 203*280mm	24
3	Hammer	Material high carbon steel weight 0.5lb ball pen hammer	6

E	Cooling & Finishing		
1	Water Bucket	Capacity 10-20 liters ,material galvanized	2
2	Soldering Iron heavy	Power (25w 150w), Voltage 220-240v, temp 200-450c	01
3	Temperature Control Station	Power (50w 90w), Voltage 220-240v, temp 150-450c	01
4	Soldering iron Stand	Material steel spring holder, height 150-200 mm, tens up to 450*c	01
5	Flux Solder	Type borax, form paste, temp 150-900*c	100 gm
6	Wire Cutters, And Pliers	Taparia or equivalent small, cutter 8-10inch, combination pliers	01
7	Safety Glasses	Material Polycarbonate, welding heavy work	12
8	Solder wire	Material tin-lead alloy 60-40%,wire diameter 0.5-1.5mm	02 box
F	Flux		
1	Paste/Liquid Flux	Keep container sealed life 6-12 month	100 gm
2	Helping Hand/Pcb Holder	Weighted Base: Heavy-duty cast iron or steel: Built-in LEDs, 360° rotatable	1
3	Tip Cleaner	Max Temperature: Typically effective up to 450°C.	2
4	Brass Wool-Iron Tip	Material Made of low-abrasive brass shavings (coils).	2
G	Cutting & Holding Tools		
1	Long Nose Pliers set	Total Length Standard sizes typically range from 118mm (4.6") for precision work to 200mm (8") for general industrial use.	1
2	Tweezers	Stainless Steel	2
3	Mutimeter (Testing) digital	Standard portable digital millimeters typically offer about (pm 0.5%) accuracy on DC voltage,	2
4	Heat Resistant Soldering Mat	Standard Thickness 3mm to 5mm.Temperature (500°C) Large 45 x 30 cm	1
H	Tools		
1	Heat Gun	Temperature Range 50°C and 630°C.	1
2	Precision Screw Drivers	Material: Fire-retardant Polyvinyl Chloride (PVC).	1 set
3	Auto Welding stream helmet	Optical Class 1 (Highest clarity to see the tiny weld puddle) Shade Range DIN 5 to 13 (Shades 5-9 are critical for low-amp TIG) Switching Speed 1/25,000 sec or faster (0.00004 seconds)	4
4	Black Goggles	Wedding safety goggle Black	12
5	Hand gloves	Welding leather hand gloves	6
6	White goggle	Wedding safety goggle White	12

7	Slay remover	Welding Chipping Hammers	6
8	Tester	Taparia plain combination testers with multi screw driver set	4
9	Argon cylinder Regulator	Argon double Stage Regulator	1
10	Argon gas flow meter	Argon gas flow meter (material brass)	1
11	Argon gas cylinder	Capacities 7 cubic meter (7m ³) Filling Pressure 200-300 bar.	1
12	Filler wire Brazing copper	Standard Diameters 1.0mm, 1.5mm, 2.0mm, and 2.4mm.	10 kg
13	Water cooling Tank for TIG Welding machine	Water cooling tanks 10 Liters to 25 Liters	1
14	ARC welding holder red cable & black each	Welding Current 300A Conductor Material. 100% Electrolytic Grade Annealed Copper	30 miter
15	Tungsten Electrode 2.4 mm	Diameter 1.6 mm (0.094 inches) Standard Length 150 mm (6 inches) or 175 mm (7 inches) Current Range (DC) 150A-250A (Argon Shielding)	5 box
16	Filler wire iron 2.6	Mild SteelER70S-2/ER70S-6MS Filler	1box
17	Water tube level magnetic	Taparia Water tube level 10 inch	4
18	Co ₂ gas Regulator	single stage Co2 Regulator	1
19	Co ₂ gas cylinder with refilling	Gas Capacity 30 kg to 31 kg of Liquid CO2 Inlet Pressure Rated for 200-300 bar (Up to 4500 PSI)	1
20	Taparia or equivalent combination player	Length: 210 mm (8 inches) Material: High-grade carbon steel,	2
21	Measuring tape 5 meter	Tape Lengths Meters (16 feet)	6
22	Pillar Drilling 1.5 HP	Motor Speed: Typically 1440 RPM (often 4-pole induction motors). Spindle Speeds. Usually 4 to 8 speeds achieved through V-belt pulley adjustments, ranging from 80 to 3500 RPM.	1
24	ARC welding Machine portable 200A	Arc welding Machine portable 200A	2
25	Co ₂ welding machine	Input Voltage 220V (Single Phase) or 415V (1-Phase)Output Current Range30A to 300A	1
26	Ring Spanner set	Taparia ring spanners sizes range from 6x7mm to 30x32mm.	1
27	Flat spanner set	Set of 12 (Dep-12)covers 6x7 mm to 30x32 mm	1
28	Rotary hammer drill bosch	Rated input power 800w impact rate at rated speed 0-4000 BPM	1

29	Drill driver Bosch or equivalent	Rated voltage 18v, max torque(hart/soft)63/31Nm chuck capacity 13mm, max screw dia 10 mm head length 166mm	1
30	Drill driver battery	Rated voltage 18v Battery capacity 4.0Ah weight 0.6 kg suitable for all 18v bosch cordless tools range	1



Principal
Government College of Engineering
Chhatrapati Sambhajnagar