

Sealed quotations are invited for the supply of **Gas Distribution system alongwith installation for our IRMRA- South Centre**, as per below bill of materials. Quotations should be in the name of :

Director,

Indian Rubber Manufacturers Research Association(IRMRA),

(Affiliated to Ministry Of Commerce And Industry, Govt. Of India)

Plot No. : 254/1B, Road No. 16V,

Wagle Industrial Estate,

Thane (W) : 400604.

Contact No. : 022- 67873244

Technical Specification & Bill of Materials for Gas Distribution system for Chemical Lab:

Sr. No.	Product Description	Qty.	UNIT
1	<p>GPP FOR GCMS</p> <p>1/4" High Pressure High Flow Gas Purification & Control Pannel" single stage for Zero Air Gas Model GPP-01 which consist of: I. Indicaing regeneratable Silica gel and Molecular sieves filters to remove the moisture and traces of moisture from Zero Air by showing change in colour. II. Activated Charcoal filters to remove the hydrocarbons III. Pressure Regulators IV. Pressure Gauge, Toggle Valve etc.</p>	01	NO.
2	<p>GPP FOR GCMS</p> <p>1/4" High Pressure High Flow Gas Purification & Control Pannel" single stage for Oxygen Gas Model GPP-01 which consist of: I. Indicaing regeneratable Silicagel and Molecular sieves filters to remove the moisture and traces of moisture from O2 by showing change in colour. II. Activated Charcoal filters to remove the hydrocarbons III. Pressure Regulators IV. Pressure Gauge, Toggle Valve etc.</p>	01	No.
3	<p>GPP FOR ICP INSTRUMENT</p> <p>1/4" High Pressure High Flow Gas Purification & Control Pannel" single stage for Oxygen Gas Model GPP-01 which consist of:</p>	01	NO.

	<p>I. Indicating regeneratable Silicagel and Molecular sieves filters to remove the moisture and traces of moisture from O2 by showing change in colour.</p> <p>II. Activated Charcoal filters to remove the hydrocarbons</p> <p>III. Pressure Regulators</p> <p>IV. Pressure Gauge, Toggle Valve etc.</p>		
4	Inline Micron filters for dust removal for N2, He & Argon	3	No.
5	<p>GDP FOR FTIR & ICP INSTRUMENT</p> <p>1/4" Gas Distribution Pannel Single stage with Toggle Valve, Pressure Gauge & Pressure Regulator for</p> <p>FOR FTIR GDP - N2</p> <p>FOR ICP GDP - ARGON, N2 & HE</p>	4	No.
6	<p>GDP FOR GCMS</p> <p>1/8" Gas Distribution Pannel Single stage with Toggle Valve, Pressure Gauge & Pressure Regulator for N2 & He gas</p>	2	No.
7	<p>Two stage Cylinder Regulator with fully S.S. body with S.S.316 Diaphragm for N2, He & Argon No.</p> <p>Inlet Pressure gauge: 0-280 kg/cm2</p> <p>Outlet Pressure gauge: 0-14 kg/cm2</p> <p>Outlet Connection : 1/8" & 1/4" ferrule fitting</p> <p>Inlet Connection : 5/8" BSP Male (RHT), LHT (H2)</p>	3	No.
8	<p>FOR ICP - EXHAUST :</p> <p>=====</p> <p>Single Hood system for ICP :</p> <p>-----</p> <p>Fume Hood for ICP /ICPMS (Single Hood) body Maximum length 12 feet with exhaust blower</p> <p>a) Duct: Total Length 12 feet (approx), Dia 4"</p> <p>b) Hood: SS</p> <p>c) Blower : SS, 0.5 HP Motar Fan: 7" x 4" 2800 rpm</p> <p>d) Flow Control of regulator air flow (damper)</p> <p>e) 4" Aluminium flexible duct - 01 mtr, 6" Aluminium flexible duct - 01 mtr.</p> <p>f) 4" C Clamp - 03 Nos.</p> <p>g) 8 mm Stud Rod - 03 Nos.</p> <p>h) 4" SS Elbow - 02 Nos.</p>	1	No.
9	Standard fittings, hardware items if require	At actual	

Installation / Transport : In your scope

Billing address : IRMRA ,Thane

Shipping Address: IRMRA (south centre), Sri City HRD Centre, CFC Buiding, APIIC Industrial Park, Karur Mitra village, Tada Mandal, Nellore District – 524 401 (A.P.)