

Company Profile

We at **KRB Multi Gas Projects Pvt Ltd. an ISO Certified Company** are always in touch with the latest developments in our field of activity worldwide and deliver the state of art technology to our customers. Our mission is to continually improve all our business processes and productivity to achieve a level of excellence that is superior to others in the industry. Our business is to deliver the highest level of satisfaction to our customers and to all those concerned.

QUALITY POLICY

We, at **KRB Multi Gas Projects Pvt. Ltd.** are committed to our customers, to deliver the products and services continually through,

- Appropriate Technology
- Documented quality systems in line with ISI standards and specifications, OISD and CCOE standards. Operational excellence

We will achieve this goal by creating an environment that encourages our employees and suppliers to deliver the best, at the first attempt.

ABOUT **KRB Multi Gas Projects Pvt Ltd**

We are pleased to introduce ourselves as an Engineering company engaged in Projects for LPG systems, supply of gas and various other activities.

We are working in the areas

- **LPG Reticulated Systems**
- **VOT System for Commercial Projects.**
- **LOT Systems for Industrial Projects.**
- **Oxygen/Nitrogen /Air Piping.**
- **Natural Gas Piping and conversion work**
- **Gas Conversion Systems.**
- **Hot water and Systems Boilers and systems.**
- **LPG/ CNG/AMC Contracts.**
- **LPG Gas Leak Detection Systems.**
- **Industrial LPG Projects and systems**



We have completed more than 150 projects in industries and residential complexes with our product range for the past 10 years.

➤ **Description of Area of Operation:**

• **LPG Reticulated Systems**

We are authorized Service Providers of **Hindustan Petroleum Corporation Limited**. We have completed many projects for supplying piped gas in Western India. Our clients include leading builders in Pune and Mumbai. We are presently installing projects for 6000 flats at various locations. We are supplying Piped LPG to more than 4000 flats.

• **Gas Conversion systems**

Factories, Hotels and other establishments require various heating systems for their utilities and the fuel used is LDO, or Furnace oil or Electricity. We provide systems for converting the above systems for use with LPG as fuel.

This not only conserves energy by providing more efficient system but also provides alternate source of energy.

• **Hot Water Boilers**

We manufacture hot water LPG fired boilers with capacity of 40 lpm and above. This boiler is heavy duty and works throughout the year and can be a good alternative to Solar Water heating system.

We have fully equipped office with staff at prominent location in Pune. We have our fabrication facility with manufacturing operation at Warje. We have Engineers and skilled workers to execute projects.

We look forward to getting associated with your esteemed organization.

Assuring you our best Products and services at all times.

Thanking you.

For **KRB Multi Gas Projects Pvt Ltd**

Managing Director

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- **LPG Piped Gas Systems For Residential Projects**
- **Vapour Off Take (VOT) For Commercial Installation.**
- **Liquid Off Take For Commercial & Industrial Installation**

We Design the Systems as per customer requirement of LPG demands. For Residential projects we Design the LPG Reticulated Systems because for residential/Domestic Customer Gas Pressure and Flow required very minimum. Where Gas Pressure and flow required very high then we Design VOT/LOT Systems maximum these systems will install in Commercial & Industrial use.

Work Procedure:

- 1) We will submit the Final offer to our customer/clients ones it finalizes we will receive the purchase order /work order from you with advance payment.
- 2) Our design team will conduct the meeting with your project planning team or your concern team and mutually we will final the Gas bank Location and Layout, at the time of design we need to follow The Indian Standard which is **IS 6044** Part -I & II.
- 3) Ones Design Will Final we take approval on document from your authorizes persons and we also take pre approval from III Party Agencies which would be CCOE Approved agencies.
- 4) We will issue the Gas bank working drawing as per standard it will help you to start the construction work at site may it will take around 30 days to you to construct.
- 5) Before deliver and starting work at site our project team will conduct site quick of meeting with your site people.
- 6) We will deliver piping material of vertical riser and same work would be start at site and will finish with installation, pressure testing and final painting of piping (but to start this work we required external plaster and primer finish of your building)
- 7) Ones vertical piping will finish then we can start with main header piping from gas Storage Room to vertical riser location and it will finish with testing and painting (For This work your all parking plaster need to finish)
- 8) We will deliver Gas Bank material with Gas Meter and same we will install as per site clearance (For This work we need Gas Bank Construction Ready and also required Flat lock with key)
- 9) When our total work will complete then we will take final pressure testing of piping and your site team also witness.
- 10) When final pressure testing and all work will finish then we will conduct III Part Inspection agencies.
- 11) Ones III Party Inspection will get report then you need to apply for Fire NOC.

12) Ones Fire NOC Copy will receive then we will hand over to total systems to your Service Agencies/Builder.

WHY TO SELECT ONLY “KRB MULTI GAS”

Pls. find below mentioned the unique features along with their benefits to the end customer.

UNIQUE FEATURES	BENIFITS
Technically Correct Sizing of piping & equipments	Ensures the required gas supply to individual flat in peak hour demand with required pressure. Ensures the total safety of system.
Design & suitable to Piped natural Gas system also.	The pipe sizing is technically correct to suit the flow of natural gas also. After natural gas supply available in city, the same system can be used without changing the piping & metering system
Three-stage pressure regulation system, not two stage.	Low-pressure gas enters the flat, so more safety gets ensured.
Auto changeover of cylinder banks with manual over ride mechanism.	Automatically switches ON stand by gas bank when active gas bank get empty, incase failure of auto changeover same can be achieved by manual valves to have trouble free operation
Under / Low pressure cut off system for the raisers.	Ensures 100 % safety, as in a case of leakage in the vertical lines, gas supply of that vertical line get shuts off.
Under / Low pressure cut off system for individual flat.	Ensures 100 % safety inside the flat, in case of leakage of rubber tube, the gas supply of individual flat gets cut off.
Over Pressure slam shut off valve with pressure release valve at manifold.	Ensures 100% safety, as in a case of pressure increases at gas storage system shuts-off automatically.
Individual gas meters with MS powder coated enclosure boxes located inside kitchen.	Maintains the aesthetics of flat. Provides protection to gas Meter

Commissioning valve at every flat designed by KRB Gas	Get total safety for individual flat owner before handing over the system as well as at the time of partial hand over of system
Every job get inspected & approved by Third Party Inspection agency (Approved by C.C.O.E., Nagpur)	Right from raw material to the final inspection, third party checks assures the quality of design, material, and workman ship to ensure the quality standards.
1 St Company nationally among all service provider to Provide Electronic Spot Billing to the consumer	Customer gets the instant & Correct bill of gas. No delay in receiving the bills.

* The Detailed sheet mentioning Design details and material specification is attached herewith.

OUR SCOPE OF WORK:

1. Designing and engineering LPG system to suit the requirement of the site.
2. Inspection of equipments and pipes used in the system.
3. Providing Pressure regulating valves, safety valves, and control valves.
4. The requirement of cylinder connection will have 100 % stand-by cylinders and will be automatically/ manually interchangeable upon getting one-cylinder bank emptied.
5. We will provide pipe risers and service regulators at required locations.
6. We will provide Post Paid Gas meter at the time of Gas activation of industrial flat who demand Gas through LPG Reticulated Systems.
7. We will conduct the leakage testing and commissioning of the piping system.
- 8. Certification of the system as per norms of B.I.S. Standards**
9. Providing & fitting of Instruction boards, Safety Boards as & where required
- 10. Conducting site visits and getting required approval from Chief Fire Officer.**
- 11. Third party (Approved by C.C.O.E) safety Inspection.**
12. Annual maintenance of the system with mutual consent.
13. Safety training and seminar for actual users.

CLIENT SCOPE OF WORK:

1. Providing cylinder cage / room as per drawings, for proper storage of cylinders. The locations of rooms will be finalized with mutual concern. We will coordinate with your office for the drawing for the same.
2. All civil work required for the system will be provided by you. (I.e. providing ducts, excavation & filling, Providing Hume pipes, chambers at required places for underground piping)
3. Cylinder Deposit as per Oil company rules & regulations.
4. Fire extinguishers at gas storages and distribution piping as per norms.
5. You will arrange the Gas Supplier / Service Provider we will give them training.
6. Taxes & Levies and renewal fees required for the NOC authorities to be borne by you.

Material Specification sheet of Reticulated system of LPG

Sr. No.	Description of work / Material	Specification	Make
A.	System design, manufacturing, commissioning and certification of Reticulated System of LPG	OISD –162 and IS- 6044,	Oil industry safety directives and Indian standard
	Three stage pressure regulation: st 1 stage: 7 to 1.5/1.2kg/cm ² nd 2 stage: 1.2/1.5 to 0.15 kg/cm ² rd 3 stage: 0.15 to 0.03 kg/cm ²		
B.	Design, supply, providing, fabricating, and instillation, testing, painting (with 2 coats of primer and 2 coats of 1 st quality paint), commissioning gas cylinder manifold to suit the capacity from 14.2 kg to 47.5 kg cylinders		
1	Manifold Pipe	Seamless carbon steel schedule 40, 1" size, IS 3601	JINDAL / Maharashtra Seamless
2	Non Return valve	To sit all pigtail sizes 3/8"	Multi Gas
3	Click On adaptors	Standard Spec. With built-in NRV	United / HP
4	'Suraksha 'Cylinder Pigtails	Approve. By LERC	Marck well/Arophex
5	Isolation valve: For manifold & gas train	Forged steel body, Min 2 to 25 kg/cm ²	Audco (L&T)/Marck
	For Pressure gauges	S.S. ball valve S.S. Body	Bon Gas (Italy)

6	Gas filter (flanged)	Flow up to 40 Kg/hr	Vanaz/United
7	1 st stage regulator (Flanged)	IP: 1 to 9 kg/cm ²	Vanaz
8	Auto changeover valve (Screwed end)	Flow: up to 40kg/hr IP: 1 to 9 kg/cm ²	Vanaz / Comap/United
9	Slam shut off valve/ over pressure valve	Pressure setting 1.8 kg/cm ²	Vanaz / United
10	Flame arrestor	Micron mesh, screwed end	Vanaz/ Pure Gas
11	Piping from manifold to the individual flat	M.S.ERW 'C' class size from ½" to 2",	TATA/Jindal
12	Second stage pressure regulator with under pressure cut off facility to cut off the gas	Input pressure: 1.2 Kg/cm ²	United
13	Third stage pressure regulator with under	Input pressure: 1000	VanazComap/Unite
14	Gas Meter (Prepaid Gas Meter)	Maximum working pressure: 0.2 Mbar Q	Raychem/ Itron/United
15	Quarter turn valve at kitchen platform or	½" or ¼" SS. Body	Bon gas (Italy)

<u>Partial list of clients & Projects</u>			
Sr.	Name of Company	Location	Project Details
1	Dia Aluminium India Pvt. Ltd.	Pune	LPG related projects, Pipelines
2	Elite Industries Ltd	Chakan, Pune	Gas Conversion System
3	Hotel Hyatt Regency	Pune	Total LPG Installation
4	Celestial City	Pune	LPG Reticulated Systems for 350 Flats
5	Satin Sky	Pune	LPG Reticulated Systems for 120 Flats
6	10 Elite	Pune	LPG Reticulated Systems for 144 Flats
7	ICC Marriot Hotel	Pune	Total LOT system for Kitchen
8	Hemant Group	Pune	LPG Reticulated Systems for 90 Flats
9	Aone Group	Pune	LPG Reticulated Systems for 200 Flats
10	Sinhagad Dental College	Pune	Kitec Pipelines for Medical Gas and LPG distribution system
11	Kakade mall	Pune	VOT System for food court
12	Solitaire	Pune	LPG Reticulated Systems for 200 Flats
13	Lakeshore residency	Pune	LPG Reticulated Systems for 200 Flats
14	Maxima	Pune	LPG Reticulated Systems for 144 Flats
15	Florenca	Pune	LPG Reticulated Systems for 284 Flats
16	Astonia	Pune	LPG Reticulated Systems for 380 Flats
17	M P Residency	Pune	LPG Reticulated Systems for 80 Flats
18	Alpine Ridge	Pune	LPG Reticulated Systems for 72 +72 Flats

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19	Nakshatra	Pune	LPG Reticulated Systems for 151 Flats
20	Sunville	Pune	LPG Reticulated Systems for 122 Flats
21	Hallmark Group	Primera Hyderabad	LPG Reticulated Systems for 74 Flats
22	BRC Group	Shiva Hills HYD	LPG Reticulated Systems for 90 Flats
23	Hallmark Group	Empyrean HYD	LPG Reticulated Systems for 250 Flats
24	Sahiti Group	Sri Vidya Ambrosia ,HYD	LPG Reticulated System for 36 Flats
25	Surya Masale	Hyderabad foods, Medchal, HYD	Natural Gas line work
26	Kirtunga Hotel	Miyapur , HYD	LPG VOT System
27	North Star	Hillside, Kokapeth. HYD	Villas Projects 37 NOS
28	Vellanki Foods	Kondapur, HYD	LOT Projects
29	My Home Avatar	Gacchibowli, HYD	279 Nos Flats of tower number 8
30	My Scape	Gacchibowli, HYD	LPG Reticulated system for 42 Nos Flats
31	My Home Avatar	Narsingi, HYD	LPG Reticulated system for 837 Nos, TOWER
32	Hallmark VICINIA	NARSINGI, HYD	LPG Reticulated system for 441 Nos
33	Shadow fax Technology Pvt. Ltd	Pune	LPG VOT System
34	My Home Mangala	Kondapur, Hyderabad	LPG Reticulated System.
35	Ned Energy Ltd.	Madchal,Hyderabad	Natural Gas piping
36	Sharadabai Pawar Agriculture College	Baramati	LPG Lab Work
37	Jindal Fittings Ltd.	Tembhurni, Pune	LPG LOT System

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38	Maharashtra Natural GasLtd.	Pune	Natural Gas Piping
39	Military College Of Engineering, Pune	Pune	LPG VOT System
40	Vidyanand Hostel	Ambegaon, Pune	Natural Gas Piping
41	Annapurna Udyog Samuh	Deccan, Pune	Natural Gas Piping
42	Defence & Research Development Organization (DRDO)Dighi	Dighi, Pune	LPG VOT System
43	Gracia	Bawdhan, Pune	LPG Reticulated System
44	Tranquillo, MPR UrbanCity	Hyderabad	LPG Reticulated System For 750 Flats
45	32 Pinewood Drive	Hinjewadi, Pune	LPG Reticulated System for 168 Flats
46	Olive Group Of Hotel	Chakan, Pune	MNGL Gas Pipe provision
47	My Home Tridasha	Hyderabad	LPG Reticulated system for 600 flats
48	The Ozone Heights	Hyderabad	LPG Reticulated system for 327 flats
49	Sri HemduragaSivhills Phase 2 (BRC)	Hyderabad	Gas Pipe Provision for 120 flats
50	MayFair Apartments (Greenmark Developers)	Tellapur Hyderabad	LPG Reticulated system for 778 flats
51	Om Sree Brilliance (Om Sree Builders & Developers LLP)	Yapral, Hyderabad	LPG Reticulated system for 200 flats
52	Om Sree Heights (Om Sree Builders & Developers LLP)	Yapral,Hyderabad	LPG Reticulated system for 620 flats
53	Om Sree Delight (Om Sree Builders & Developers LLP)	Yapral,Hyderabad	LPG Reticulated system for 60 flats
54	My Home Raka	Madinaguda, Hyderabad	LPG Reticulated system for 300 flats

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56	My Home Nishada	Kokapet,Hyderabad	LPG Reticulated system for 352 flats
57	Ayati Lake View Apartments	Chengicherla, Hyderabad	LPG Reticulated system for 60 flats
58	Eleven West (Panchshil)	Baner,Pune	LPG VOT System
59	Nalanda Shelter Pvt Ltd	Hinjewadi,Pune Phase 1	LPG VOT System
60	SP Infocity B7 (Shapoorji Pallonji)	Hadapsar,Pune	Natural Gas Piping
61	Forest Trails B2 (PARANJAPE SCHEMES CONSTRUCTION LTD.)	Bhugaon,Pune	LPG Reticulated system for 364 flats
62	Conrad Hotel	Bund Garden	LPG LOT System

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