

Block: CB-ONN-2000-2/3 Sanand Miroli

Flare gas Monetisation Project

Gujarat Energy Limited Ahmedabad

Indicative Vendors/Suppliers list

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Indicative list of vendors/suppliers for the Flare Gas Monetization project

The vendor/supplier's list is provided below. This is an indicative list only, as per the market survey for this level of work. Any materials not procured from such an approved list of vendors/suppliers may be offered for use in the works, subject to approval of GELL, without which it shall not be used anywhere in the project works.

A. SKID MOUNTED MODULAR SYSTEM

1. Vessels / separators

- a) Grand Prix Fab (Pvt.) Ltd.(New Delhi)
- b) ABB, Faridabad
- c) Multitex Filtration Engineers India
- d) Triveni Plenty Engg. Ltd. (New Delhi)
- e) Flashpoint, Pune india
- f) Filtration Engineers (I) Pvt Ltd, India
- g) Gujarat Otofilt, India
- h) Ultrafilter (India) Pvt Ltd, India
- i) Ravi Techno Systems Pvt Ltd, India
- j) PTI Technologies Inc
- k) M/s Grand Prix Engineering Pvt. Ltd.
- l) M/s VKVC LLP

2. Wet gas Reciprocating compressor:

- a) Indian Compressors Ltd., New Delhi

- b) Kirloskar Pneumatic Co. Ltd., Pune
- c) LiquiAir Equipment & Systems, West Bengal
- d) Comptech Equipments Ltd., Gandhinagar
- e) Deep Industries Ltd. Ahmedabad

3. Membrane type Gas dehydration unit

- a) Air liquid USA
- b) Generon IGS USA
- c) SkidSol, USA
- d) SIEPL - Spectrum Innovative Engineers Pvt. Ltd. - Navi Mumbai
- e) Deep Industries Ltd. Ahmedabad
- f) Indcon Projects & Services Pvt. Ltd. - Pune,
- g) Genrich Membranes Pvt. Ltd. - Pune
- h) BGR Energy Systems (BGR Tech) - Chennai
- i) Honeywell UOP USA

4. Odorant unit

- a) ElectroPneumatics & Hydraulics (EPH) - Pune, Maharashtra
- b) Vasudha Engineering Services - Ahmedabad, Gujarat
- c) Uniphos Envirotronic Pvt. Ltd. - Mumbai
- d) Flow Control Engineers - Vadodara
- e) LEWA GmbH Germany

5. Gas chromatograph with water dew point monitoring

- a) Process Sensing Technologies PST Private Ltd, Chennai
- b) Emerson Rosemount
- c) Michell
- d) Yokogawa

6. Air compressor

- a) ELGi Equipment
- b) Atlas Copco
- c) Ingersoll Rand
- d) Kaeser German
- e) Kirloskar Pneumatic

7. Ultra sonic custody meter

- a) Emerson
- b) Krohne
- c) Endress+Hauser

- d) SICK AG
- e) Yokogawa
- f) Electronet India
- g) Daniel USA
- h) RMG Germany
- i) Instromet International Belgium
- j) Sick Maihak, Germany
- k) FMC, Germany

8. Gas Generator

- a) Kirloskar Oil Engines Ltd
- b) Adharshila Power Corporation
- c) Cummins
- d) Green power international Pvt. Ltd.
- e) Atlas copco
- f) Mahindra Powerol

9. Synchronization Panel

- a) Mepstra Engineering & Consultancy, Hyderabad
- b) Johns Electric Co. Jaipur
- c) Milestones Switchgears Pvt Ltd. Gurugram

B. LIST OF SUPPLIERS OF MAJOR BOUGHT - OUT ITEMS

1. MECHANICAL

i. Pipe Carbon Steel to Indian Standards

1. A.S.T. Pipes Pvt. Ltd. (AST Group)
2. Advance Steel Tube Ltd.
3. Apl Apollo Tubes Ltd. (Er. Bihar Tubes Ltd.
4. Asian Mills Pvt. Ltd.
5. Asrani Tubes Limited
6. Dadu Pipes (P) Ltd.
7. Essar Steel Limited (Er Hazira Pipes Mill)
8. Gaurang Products Pvt Ltd. (Ast Group)
9. Goodluck Steel Tubes Ltd.
10. Jindal Pipes Ltd.
11. Jindal Saw Ltd (Kosi Works)
12. Jotindra Steel & Tube Ltd
13. Lalit Pipes and Pipes Ltd.
14. Maharashtra Seamless Ltd.
15. Man Industries (India) Ltd. - Pithampur
16. Man Industries (India) Ltd. Anjar
17. North Eastern Tubes Limited
18. Pratibha Industries Limited
19. Psl Ltd (Chennai)
20. Psl Ltd (V1, V2 & Nc)
21. Rama Steel Tubes Ltd.
22. Ratnamani Metals and Tubes Ltd.
23. Ravindra Tubes Limited
24. Samshi Pipe Industries Limited
25. Surya Roshni Ltd.
26. Swastik Pipes Ltd.
27. Utkarsh Tubes & Pipes Ltd. (Formly Bmw)

28. Welspun Corp. Limited (Dahej)

29. Zenith Birla (India) Limited

ii. **Pipe & Tubulars To A.P.I. Standards**

- a. Bhel (Trichy), India
- b. Ismt Ltd. Ahmedngr, India
- c. Ismt Ltd. Baramati, India
- d. Jindal Pipes Ltd., India
- e. Jindal Saw Ltd. (Kosi Works), India
- f. Jindal Saw Ltd. (Nashik Works), India
- g. Lalit Pipes and Pipes Ltd. India
- h. Maharashtra Seamless Ltd., India
- i. Man Industries (I) Ltd. (Pithampur),
- j. India Mukat Tanks & Vessels Ltd., India
- k. Pratibha Industries Limited, India
- l. Ratnamani Metals and Tubes Ltd., India
- m. Sumitomo Metal Ind. Ltd., India
- n. Surya Roshni Ltd., India
- o. Swastik Pipes Ltd, India
- p. Welspun Corp Limited (Dahej), India

iii. **Pipe/Tube CS (Seamless) To ASTM Stds**

1. Bhel (Trichy), India
2. Heavy Metals & Tubes Limited (Mehsana), India
3. Ismt Ltd. Ahmedngr, India
4. Ismt Ltd. Baramati India
5. Jindal Sdaw Ltd (Nashik Works) India
6. Klt Automotive and Tubular Products Ltd., India
7. Mahalaxmi Seamless Limited, India
8. Maharashtra Seamless Ltd, India
9. Ratnadeep Metal Tubes Ltd., India
10. Staineest Tubes Pvt Ltd., India

11. Sumitomo Metal Ind. Ltd., India

iv. Pipe Carbon Steel (Welded) To ASTM Stds

1. Jindal Saw Ltd (Kosi Works), India
2. Lalit Pipes And Pipes Ltd., India
3. Man Industries (I) Ltd.(Pithampur), India
4. Man Industries (India) Ltd. Anjar, India
5. Mukat Tanks & Vessels Ltd., India
6. Ratnamani Metals And Tubes Ltd., India
7. Sumitomo Metal India Ltd., India

v. Valve

a) Globe Valves

- 1) M/s BDK (New Delhi)
- 2) M/s Datre Corpn (Calcutta)
- 3) M/s KSB Pumps (New Delhi)
- 4) M/s L&T (New Delhi)
- 5) M/s Neco Schuber & Salzer Ltd. (New Delhi)
- 6) M/s Niton Valve (Mumbai)
- 7) M/s Ornate Valves (Mumbai)
- 8) M/s Panchavati Valves (Mumbai)
- 9) BHEL (Trichy), India
- 10) Econo Valves Pvt Ltd, India
- 11) Fouress Engg (I) Ltd (Aurangabad)
- 12) Guru Industrial Valves Pvt Ltd
- 13) Leader Valves Ltd, India
- 14) Oswal Industries Ltd, India
- 15) Petrochemical Engineering Enterprises, India
- 16) Sakhi Engineers Pvt Ltd
- 17) Shalimar Valves Pvt Ltd
- 18) Steel Strong Valves India Pvt Ltd, India
- 19) Petro Valves Pvt. Limited, Ahmedabad

b) Check Valves

1. M/s Advance Valves Pvt. Ltd., Noida
2. M/s Aksons & Mechanical Enterprises, Mumbai
3. M/s Larsen & Toubro Limited (M/s Audco India Limited, Chennai)
4. M/s AV valves Ltd., Agra
5. M/s BDK engineering India Ltd., Hubli
6. M/s BHEL, OFE&OE Group, New Delhi
7. M/s Datre Coroportion Limited, Calcutta
8. M/s Leader Valves Ltd., Jalandhar
9. M/s Neco schubert & Salzer Ltd., New Delhi

10. M/s Niton Valves Industries (P) Ltd., Mumbai
11. M/s Precision Engg. Co., Mumbai
12. Econo Valves Pvt Ltd, India
13. Fouress Engg (I) Ltd (Aurangabad)
14. KSB Pumps Ltd (Coimbatore), India
15. Oswal Industries Ltd, India
16. Panchvati Valves & Flanges Pvt Ltd, India
17. Petrochemical Engineering Enterprises, India
18. Sakhi Engineers Pvt Ltd
19. Shalimar Valves Pvt Ltd
20. Steel Strong Valves India Pvt Ltd, India

c) Plug Valves

1. M/s Fisher Sanmar Ltd., Chennai
2. M/s Larsen & Toubro Ltd., New Delhi
3. M/s Sumitomo Corporation India Pvt. Ltd., New Delhi
4. M/s Hawa Valves (India) Pvt. Ltd., Mumbai
5. M/s Steel Strong Valves India Pvt. Ltd., Navi Mumbai
6. M/s Flow-Serve PTE (Mfr. SERCK), India

d) Ball Valves

1. M/s Hawa Valves (India) Pvt. Ltd, Navi Mumbai
2. M/s Larsen & Toubro, Delhi
3. M/s Microfinish Valves Pvt. Ltd., Noida

4. M/s Oswal Industries Ltd., Gandhi nagar
5. M/s Virgo Engineers Ltd., Delhi

ii) **Flanges**

1. M/s Aditya Forge Ltd., Vadodara
2. M/s Amforge Industries Ltd., Mumbai
3. M/s CD Engineering Co., Ghaziabad
4. M/s Echjay Forgings Pvt. Ltd. (Bombay), Mumbai
5. M/s Echjay Industries Ltd., Rajkot
6. M/s Forge & Forge Pvt. Ltd., Rajkot
7. M/s Golden Iron & Steel Works, New Delhi
8. M/s JK Forgings, New Delhi
9. M/s Metal Forgings Pvt. Ltd., Mumbai
10. M/s Perfect Marketings Pvt. Ltd., New Delhi
11. M/s Sky Forge, Faridabad
12. M/s S&G, Faridabad
13. Chaudhry Hammer Works Ltd, India
14. JAV Forgings (P) Ltd, India
15. Kunj Forgings Pvt Ltd, India
16. MS Fittings
17. R.N. Gupta & Co. Ltd, India
18. R.P. Engineering Pvt Ltd, India
19. Sanghvi Forgings & Engineering Ltd
20. Shri Ganesh Forgings Ltd., India
21. Uma Shankar Khandelwal & Co., India
22. Sawan Engineers, Baroda
23. Stewarts & Lloyds of India Ltd., Kolkata

24. Engineering Services Enterprises
25. Pipefit Engineers Pvt. Ltd.

iii) **Fittings**

1. M/s Commercial Supplying Agency, Mumbai
2. M/s Dee Development Engineers Ltd.
3. M/s Eby Industries, Mumbai
4. M/s Flash Forge Pvt. Ltd., Vishakhapatnam
5. M/s Gujarat Infra Pipes Pvt. Ltd., Vadodara
6. M/s M.S. Fittings Mfg. Co. Pvt. Ltd., Kolkata
7. M/s Stewarts & Lloyds of India Ltd., Kolkata
8. M/s Teekay Tubes Pvt. Ltd., Mumbai
9. M/s Pipe Fit, Baroda
10. M/s Sky Forge, Faridabad
11. M/s S&G, Faridabad
12. M/s Sawan Engineers, Baroda
13. Eby Fasteners, India
14. Leader Valves Ltd, India
15. R.N. Gupta & Co. Ltd, India
16. Exten Engg Pvt Ltd
17. Sivananda Pipe & Fittings Ltd
18. Sawan Engg - Vadodara
19. P.K. Tubes -rajasthan
20. CSA fittings
21. Dee Development Engineers Limited (Palwal)
22. Fittech Industries Pvt Ltd (Thane)
23. Gujrat Infrapipes Pvt Ltd ,Vadodara
24. K.S Pipe Fittings (P) Ltd, Palwal
25. Teekay Tubes Pvt Ltd (New Mumbai)
26. Petro Chem Industries, Vadodara
27. Topaz Piping Industries ,Vadodara

28. Tube Bend ,Calcutta
29. Tube Turn India Pvt Ltd , Navi Mumbai
30. Sidharth & Gautam Engineers

1. IGP Engineers (P) Ltd., Madras
2. Madras Industrial Products, Madras
3. Dikson & Company, Bombay
4. Banco Products (P) Ltd., Vadodara
5. Goodrich Gaskets Pvt Ltd
6. Starflex Sealing India Pvt Ltd, India
7. Teekay Meta Flex Pvt Ltd
8. UNIKLINGER Ltd
9. HEM Engg. Corp.
10. Unique Industrial Packing Pvt. Ltd.

v) **Fasteners**

1. Nireka Engg. Co. (P) Ltd., Calcutta
2. Precision Taps & Dies, Bombay
3. AEP Company, Vithal Udyoug Nagar
4. Fix Fit Fasteners, Calcutta
5. Precision Engg. Industries, Baroda
6. Echjay Forgings Pvt. Ltd., Bombay
7. Capital Industries, Bombay
8. Boltmaster India Pvt Ltd, India
9. Deepak Fasteners Limited, India
10. Fasteners & Allied Products Pvt Ltd, India
11. Hardwin Fasteners Pvt Ltd, India
12. J.J. Industries, India
13. Multi Fasteners Pvt Ltd, India
14. Nexo Industries, India
15. Pacific Forging & Fasteners Pvt Ltd, India

16. Pioneer Nuts & Bolts Pvt Ltd, India
17. Precision Auto Engineers, India
18. President Engineering Works, India
19. Sandeep Engineering Works, India

20. Syndicate Engineering Industries, India

vi) Welding Electrodes

1. For Mainline - Lincon make
2. For Terminal - For root pass - Lincon Make
3. For other passes - Lincon, D&H or equivalent make

vii) Fire Fighting Equipment's

a) Fire Extinguishers

1. Avon Services (Production & Agencies) Pvt. Ltd., Bombay
2. Kooverji Devshi & Co., Bombay
3. Zenith Fire Services, Bombay
4. Safex Fire Services, Bombay
5. Reliable (Fire Protection) India Ltd., Bombay
6. Brijbasi Hi-Tech Udyog Ltd.
7. Bharat Engg Works, India
8. Gunnebo India Ltd
9. Nitin Fire Protection Industries Ltd, India
10. Supremex Equipments, India
11. Vimal Fire Controls Pvt Ltd., India

b) Fire Hydrants, Monitors, Deluge Valve, Nozzles

1. Zenith
2. Minimax
3. Newage
4. HD Fire
5. Vijay Fire
6. Asco Strumech Pvt Ltd, India
7. Brij Basi Hi
8. tech Udyog
9. Gunnebo India Ltd
10. Nitin Fire Protection Pvt Ltd
11. Shah Bhogilal Jethamal & Brothers
12. Venus Pumps & Engineering Works

c) RRL Hose

1. Jayshree
2. Newage

d) Hoses

1. Ashit Sales Corporation, Bombay
2. Royal India Corporation, Bombay
3. Gayatri Industrial Corporation
4. Simplex Rubber Products Ltd., Ahmedabad
5. Zaverchand Marketing Pvt. Ltd., Baroda
6. Presidency Rubber Mill, Calcutta
7. The Cosmopolite, Calcutta
8. Simplex Rubber Products, Thane

e) Fire Hose Accessories

1. Asco Strumech Pvt Ltd
2. Brij Basi Hi-tech Udyog
3. Gunnebo India Ltd
4. Shah Bhogilal Jethamal & Brothers
5. Vimal Fire Controls Pvt Ltd., India

f) Heat Shrinkable Sleeves

1. Seal for Life - Covalence
2. Canusa

g) Warning Tape /Mesh

1. Sparco Multiplast Pvt. Ltd., Ahmedabad
2. M/s Raychem RPG Limited
3. Singhal Industries Private Limited

viii) NDT Agency

1. NDT Services, Ahmedabad
2. GEECY Industrial Services Pvt. Ltd., Mumbai
3. Corrosion Control Services, Mumbai
4. Perfect Metal Testing & Inspection Agency, Calcutta
5. RTD, Mumbai

6. Sievert, Mumbai

7. X-Tech, Vizag

2. STRUCTURE

S. NO.	ITEMS / NAME OF PRODUCT	MAKES/BRANDS/MANUFACTURES
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1	Structural Steel	SAIL / TATA / RINL / IISCO / ESSAR / ISPAT
2	Structural Steel	TATA / JINDAL / SURYA / SWASTIK

3. ELECTRICAL

i) Air Conditioner

1. O General
2. Daikin
3. Hitachi

ii) Batteries (Lead Acid)

1. Amco Batteries Ltd.
2. Exide Industries Ltd.
3. HBLNIFE Power System Ltd.
4. Amara Raja Batteries Ltd.

iii) Batteries (Nickel Cadmium)

1. Amco Batteries Ltd.
2. HBLNIFE Power Systems Ltd.

iv) Batteries Charger/DC-DC Converter

1. Amara Raja Power System(P)Ltd.
2. BCH.
3. Chhabi Electricals Pvt. Ltd.
4. Caldyne Automatics Limited
5. Dubas
6. HBL Nife Power Systems Ltd.
7. Universal Industries Products
8. Universal Instrument Mfg Co Pvt Ltd

v) Cable - Fire Alarm & Communication Cables

1. Cords Cable Industries Ltd.

2. CMI
3. Delton cables Ltd.
4. ELKAY Telelinks
5. KEI Industries Ltd.
6. Reliance Engineers Ltd.

vi) Cable - HT (XLPE)

1. Universal Cable Ltd.
2. KEI Industries Ltd.
3. Industrial Cables
4. NICCO Corporation Ltd.
5. Uniflex
6. Polycab.
7. Torrent cables Ltd.

vii) Cable - LT Power and Control

1. Cords Cable Industries Ltd.
2. Universal Cable Ltd.
3. KEI Industries Ltd.
4. Havells.
5. Delton
6. Elkay Telelinks
7. Evershine Electricals
8. Ecko
9. Ravin
10. Rallison.
11. Suyog
12. Netco
13. Uniflex
14. Paramount
15. Gloster
16. Associated cables Pvt Ltd.
17. CMI
18. Gemscab
19. Industrial cables

20. NICCO

21. Polycab

22. Torrent

viii) Cable - Gland

1. Baliga

2. Comet

3. Flexpro

4. Flameproof

5. FCG

6. Electro Werke

7. Dowels

8. CCI

ix) Cable - Lugs

1. Dowels

2. Jainson

3. Ismal

x) Cable - Tray

1. Ercon Composites

2. Yamuna Power & Infrastructure Ltd.

xi) Cable Termination and Jointing Kit

1. CCI

2. Raychem

3. M-Seal

xiii) Ceiling/Exhaust/Pedestal Fans & Circulators

1. Bajaj Electricals Ltd.

2. Crompton Greaves Ltd.

3. Khaitan Electricals Ltd.

4. Havell's

xiii) Contractors - AC Power

1. Andrew Yule

2. ABB

3. BHEL

4. C&S

5. Havell's

6. L&T
7. Schneider
8. Siemens Ltd.
9. Telemecanique

xiv) Control Transformer

1. AE
2. Indushree
3. Intra Vidyut
4. Kalpa Elektrikals
5. Transpower Industries Ltd.
6. Siemens

xv) DG Set

1. Sterling and Wilson.
2. GD ankalesaria.
3. Deev Genset.
4. Jackson Limited.
5. Sudhir Gensets.
6. Power Engineering (India) Pvt Ltd.
7. Prasha Technologies Limited.
8. Kumar Generator house.
9. Ashok Leyland Ltd.
10. Powerica Limited.
11. Supernova Engineers Limited.
12. Bhaskar Power Products (P) Ltd.
13. Caterpillar India (P) Ltd.

14. Cummins India Ltd.
15. Escorts Ltd.
16. Greaves Cotton Ltd.
17. Kirloskar Ltd.
18. Mahindra & Mahindra Ltd.

19. Honda.
20. Perkins.
21. Eicher.
22. Tata Motors.
23. Ashok Leyland.

xvi) Earthing Materials

1. Rukmani Electrical & Components Pvt Ltd.
2. Indiana Grating Pvt Ltd.
3. Jef Techno Solutions Pvt Ltd

xvii) Flame proof LDB's/ JB's/ Control Station/ switches

1. FCG
2. Sudhir
3. Prompt Engineering Works
4. Flame Proof equipments pvt. Ltd.
5. Baliga Lighting Equipments Pvt. Ltd.
6. Flexpro Electricals Pvt. Ltd.

xviii) High Voltage PCC/ MCC panels

1. BHEL
2. Control and Switchgear
3. Siemens
4. Tricolite Electrical Industries
5. Schneider
6. CGL
7. L&T

xix) Indicating Lamps

1. Alstom Ltd.
2. BCH
3. L&T Ltd.
4. Siemens Ltd.
5. Vaishno Electricals

xx) Indicating Meters

1. ABB
2. AMCO
3. AE
4. Alstom Ltd. (EE)
5. Conzerv/Schneider
6. Elecon Measurement Pvt. Ltd.
7. HPL Electric & Power Pvt. Ltd.
8. MECO Instruments Ltd.
9. Minilec
10. Rishabh Instruments Pvt. Ltd.
11. Trinity energy system
12. kaycee
13. Salzer

xxi) Lighting Fixtures

1. GE Lighting Pvt. Ltd.
2. Bajaj Electricals Ltd.
3. Crompton Greaves Ltd.
4. Philips India Ltd.

xxii) Lighting Fixtures - Flameproof

1. Bajaj Electricals Ltd.
2. Baliga Lighting Equipment Pvt. Ltd.
3. Crompton Greaves Ltd.
4. CEAG Flameproof Controlgear Pvt. Ltd.
5. Flexpro Electricals Pvt. Ltd.
6. Philips India Ltd.
7. Sudhir Switchgears Pvt. Ltd.
8. FCG.

xxiii) Miniature Circuit Breakers (MCBs) and Lighting DB

1. ABB
2. Hagger
3. Havell's India Ltd.
4. Indo Asian Fusegear Ltd.

5. Legrand
6. MDS Switchgear Ltd.
7. Schneider
8. Siemens Ltd.
9. HPL

xxiv) Moulded Case Circuit Breaker (MCCBs)

1. ABB
2. Andrew yule
3. Larsen & Toubro
4. Schneider
5. Siemens
6. Control and Switchgear

xxv) Protection Relays - Thermal

1. BCH
2. L&T Ltd.
3. Siemens Ltd.
4. Telemenchanique & Controls (India) Ltd.

xxvi) Low Voltage Power Control Center (PCC)/ MCC/ PDB/ MLDB/ LDB

1. ABB
2. BCH
3. C & S
4. Elecmech Switchgear & Instrumentation
5. KMG ATOZ
6. L&T
7. Pyrotech Electronics Pvt. Ltd.
8. Risha control Engineers Pvt. Ltd.
9. Siemens
10. Tricolite Electrical Industries

11. Unilec Engineers Ltd.
12. Vidhut Control India Pvt. Ltd.
13. Control and Schematic
14. Zenith Engineering

xxvii) Push Buttons

1. BCH
2. Alstom Ltd.
3. L&T
4. Siemens Ltd.
5. Telemenchanique & Controls (India) Ltd.
6. Vaishno Electricals

xxviii) Switches-Control

1. BCH
2. Easum Reyrolle Relays & Devices Ltd.
3. Alstom
4. Kaycee Industries Ltd.
5. L&T
6. Siemens Ltd.

xxix) Switches - 5/15A Piano/ Plate, Switch Socket

1. Anchor Electronics & Electricals Pvt. Ltd.
2. Kingal Electricals Pvt. Ltd.
3. North-West Switchgear Ltd.

xxx) Switch Socket Outlets (Industrial)

1. Alstom Ltd.
2. Best & Crompton Engineering Ltd.
3. BCH
4. Crompton Greaves Ltd.
5. Essen Engineering Company Pvt. Ltd.

xxxi) Terminals Blocks

1. Connect well
2. Controls & Switchgear Co. Ltd.
3. Elmex Controls Pvt. Ltd.
4. Essen Engineering Co. Pvt. Ltd.

xxxii) Transformers

1. ABB
2. Andrew Yule
3. Areva
4. BHEL
5. Bharat Bijlee
6. Crompton Greaves
7. EMCO Ltd.
8. Intra Vidyut
9. Indushree
10. Indcoil
11. Kirloskar
12. Skippers Electricals
13. Transformers & Rectifiers (I) Ltd.
14. Voltamp

xxxiii) UPS System and Inverter

1. DB Power
2. Aplab
3. Keltron
4. Hi-Rel
5. Dubas
6. Toshiba Corporation
7. Fuzi Electric Co Ltd

xxxiv) GI-Octogonal Pole

1. Bajaj
2. Transrail
3. Wipro

4. INSTRUMENTATION

i) METERING SKID

1. M/s Chemtrols Industries Ltd., Mumbai
2. M/s Daniel Measurement Solutions Pvt Ltd, Vadodara.
3. M/s Elster-Instromet India Pvt Ltd, Vadodara
4. M/s INEL Gas Controls Pvt Ltd, Vadodara.
5. M/s Nirmal Industrial Controls Pvt. Ltd., Mumbai
6. M/s Oswal Industries Limited, Ahmedabad
7. M/s Autometer energytech ltd, NOIDA
8. M/s Rockwin Flowmeter india Pvt Ltd, Ghaziabad.
9. M/s Intromet international Ny Rajkmakeriaan 9, B-2910, Essen, Belgium
10. M/s Pietro Fiorentini Spa, 20124, Milino, Italy
11. M/s FMC Measurement Solutions, 6 Braidway, thetford, Norfolk, IP24 1 JA, England.
12. M/s Petrogas Gas system BV, Doesburgweg, 7, 203 PL Gouda, PO Box 20, 2800, AA Gouda, Netherland.
13. Tormene Gas Technology SpA, via campolongo, 97, 35020 - Due carrare (Padova), Italy
14. M/s ODS BV, Donk 6, 2291 Berendrecht, Netherland.
15. M/s RMG Regel + Messtechnik Gmbh Osterholzstr, 45, D-34123 Kassel, Germany.

ii) PRESSURE GAUGES

1. AN Instruments Pvt Ltd
2. Badotherm Process Instruments B.V.
3. Baumer Bourdon Haenni S.A.S
4. British Rototherm Co Ltd
5. Budenberg Gauge Co Ltd
6. Dresser Inc
7. Forbes Marshall (Hyd) Pvt Ltd
8. General Instrument Consortium
9. H. Guru Instruments (South India) Pvt Ltd
10. Manometer (India) Pvt Ltd
11. Nagano Keiki Seisakusho Ltd
12. Hirlekar Precision, India

13. Waaree Instruments Ltd
14. Walchandnagar Industries Ltd (Tiwac Divn)
15. Wika Alexander Wiegand & Co GmbH
16. Wika Instruments India Pvt Ltd
17. Ashcroft India Pvt Ltd.

iii) **TEMPERATURE GAUGES**

1. AN Instruments Pvt Ltd.
2. Badotherm Process Instruments B.V.
3. Bourdon Haenni S.A.
4. Dresser Inc.
5. General Instruments Consortium
6. H. Guru Instruments (South India) Pvt Ltd
7. Nagano Keiki Seisakusho Ltd
8. Solartron ISA
9. Walchandnagar Industries Ltd (Tiwac Divn)
10. Wika Alexander Wiegand & Co GmbH
11. Wika Instruments India Pvt Ltd
12. Pyro Electric, Goa
13. Ashcroft India Pvt Ltd.

iv) **TEMPERATURE ELEMENTS, THERMO-WELLS**

1. ABB Automation Ltd
2. Altop Industries Ltd
3. Bourdon Haenni S.A.
4. Detriv Instrumentation & Electronics Ltd
5. General Instruments Consortium
6. Japan Thermowell Co Ltd
7. Tecnomatic S.P.A
8. Tempsen Instrument India Ltd
9. Thermo Electric Co. Inc.
10. Thermo-Couple Products Co

11. Thermo-Electra B.V.
12. Wika Alexander Wiegand & Co GmbH
13. Altop Industries Ltd., Baroda
14. Nagman Sensors (Pvt.) Ltd.
15. Pyro Electric, Goa

v) **ULTRASONIC FLOW METERS**

1. Daniel (USA)
2. RMG (Germany)
3. Instromet International (Belgium)
4. Sick Maihak, Germany
5. FMC, Germany

vi) **LEVEL GAUGES/ LEVEL INSTRUMENTS**

1. Bliss Anand
2. Chemtrols
3. V-Automat
4. Levcon
5. Nivo Controls
6. Sbeletro Mechanicals
7. TRAC

vii) **FIELD INSTRUMENTS (P, DP, F, L, T)**

1. ABB Ltd
2. Honeywell
3. Fuji Electric Instruments Co Ltd
4. Yokogawa
5. Invensys India Pvt.Ltd

viii) **FLOW COMPUTERS**

1. Emerson
2. Instromet International (Belgium)
3. FMC Measurement Solutions (UK)
4. RMG (Germany)

5. OMNI Flow Computers Inc.
6. Thermo Fisher, USA

ix) PRESSURE REGULATOR AND SLAM SHUT VALVE

1. Pietro Fiorentini S.P.A. (Italy)
2. Emerson
3. RMG-Regel Messtechnik (Germany)
4. Mokveld Valves BV (Netherlands)
5. Schlumberger (USA)
6. Gorter Controls B V (Netherlands)
7. Instromet International NV
8. Nirmal Industrial Controls Pvt Ltd. (up to 6" size only)
9. ESME Valves Ltd
10. Kaye & Macdonald Inc.
11. Nuovo Pignone S.P.A (Italy) (GE Oil Co.)
12. Richards Industries (Formerly Treloar)
13. Samson AG Mess-und Regeltechnik
14. Tormene Gas Technology
15. Dresser Inc, USA (upto 8" size, 300# class only)

x) PRESSURE SAFETY VALVES

1. Keystone Valves (India) Pvt. Ltd.
2. Larson & Toubro Ltd.
3. Lesser GmbH & Co KG
4. Mekaster Engg Ltd.
5. Tyco Sanmar Ltd. (New Delhi)
6. Anderson Greenwood Crosby
7. BHEL (Trichy)
8. Curtiss Wright Flow Control Corporation
9. Dresser Inc.
10. Fukui Seisakusho Co. Ltd
11. Nakakita Seisakusho Co Ltd

12. Nuovo Pignone S.P.A (Italy) (GE Oil co)
13. Parcol S.P.A
14. Safety Systems UK Ltd
15. Tai Milano S.P.A
16. Weir Valves & Controls France
17. Bliss Anand Pvt Ltd.

xi) FLOW/LEVEL/PRESSURE CONTROL VALVES

1. Fouress Engg. (New Delhi)
2. x (New Delhi)
3. MIL Control Ltd. (Noida)
4. KOSO India Pvt ltd
5. Samson Control (Thane)
6. Dresser Valves India Pvt Ltd.
7. Fisher Controls
8. Valvitalia Italy
9. CCI Valve technology
10. Flowserve Pvt Ltd.
11. Metso Singapore Pvt Ltd.
12. Instrumentation Ltd Palghat
13. Dresser Inc. USA

xii) Pneumatic actuator (Solenoid Operated ON-OFF type)

1. Metso Automation
2. Tyco
3. Samson Controls
4. L&T
5. Emerson
6. Fisher
7. Masoneilan Process Control
8. Instrumentation Limited (IL)-Palghat
9. Micro Finish

10. Rotex

xiii) Solenoid Valves

1. Avcon
2. Festo

xiv) Electro - Hydraulic Actuator

1. Avcon Rotork controls (Deutschland Gmbh)
2. Biffi Italia Srl
3. Ledeen (Italy)
4. Virgo Valves and Controls Ltd.-India
5. Limittorque
6. Reineke
7. Voith
8. Bettis
9. Rotork- UK, USA & INDIA
10. Rotex
11. Schuck Group

xv) CONTROL PANEL & ACCESSORIES

1. Keltron Controls Ltd., Kerala
2. Elechmec Corporation Ltd., Mumbai
3. Industrial Controls & Appliances Pvt. Ltd.,
4. Alstom System Ltd., Noida
5. Emerson Process Management (I) Pvt. Ltd.
6. ABB Instruments Ltd., New Delhi
7. Larsen & Toubro Ltd.
8. Control & Automation, New Delhi
9. GE Fanuc Systems Pvt. Ltd., New Delhi
10. Rockwell Automation (I) Ltd., Ghaziabad
11. Honeywell Automation Ltd.
12. Rittal
13. Pyrotech Elcronics Pvt Ltd.
14. Positronics Pvt Ltd.

15. Electronics Corporation of India Ltd.

xvi) JUNCTION BOXES AND CABLES GLANDS

1. Ex-Protecta
2. Flameproof Control Gears
3. Baliga
4. Flexpro Electricals

xvii) CONTROL AND SIGNAL CABLES

1. Associated Cables
2. Brook
3. Associated Flexibles & Wires (Pvt) Ltd
4. Universal Cables Ltd,India
5. Delton Cables Ltd, India
6. KEI Industries Ltd INDIA
7. CMI Limited
8. Cords Cable Industries Ltd, India
9. Elkay Telelinks (P) Ltd., India
10. Udey Pyrocables Pvt Ltd, India
11. Goyolene Fibres (I) Pvt Ltd, India
12. Netco Cable Industries Pvt Ltd, India
13. Nicco Corporation Ltd, India
14. Paramount Communications Ltd, India
15. Polycab Wires Pvt Ltd, India
16. Radiant Cables Pvt Ltd, India
17. Reliance Engineers Ltd., India
18. Suyog Electricals Ltd, India
19. Thermo Cables Ltd

xviii) INDICATORS & CONTROLLERS

1. Yokogawa
2. Eurotherm Chessel
3. Honeywell

4. Emerson

xix) BARRIERS

1. MTL
2. STHAL
3. P&F
4. Phoenix

xx) I/P CONVERTERS

1. ABB
2. Emerson
3. IMI Watson Smith Ltd.
4. Moore Controls Ltd
5. Shreyas Instruments Pvt Ltd, India
6. Thermo Brandt Instruments

xxi) SS FITTINGS, INSTRUMENT VALVES & MANIFOLDS

1. Aura Inc.
2. Hoke
3. Excelsior Engg Works, India
4. Parker
5. Swagelok Co.
6. Swastic Engineering Works, India
7. Comfit & Valves Pvt.Ltd
8. Arya Crafts & Engg.Pvt. Ltd

xxii) SS TUBES

1. Sandvik
2. Hoke
3. Parker
4. Swagelok Co.
5. Heavy metal & tubes LTD
6. Nuclear Fuel Complex. India

7. Ratnamani Metal & Tube Ltd
8. Jindal Saw

xxiii) GAS DETECTION SYSTEM

1. Crowcon Detection Instruments Ltd
2. Detection Instruments (I) Pvt Ltd
3. Detector Electronics Corporation
4. Drager Safety AG & Co. KGAA
5. General Monitors Ireland Ltd
6. Mine Safety Appliances Company
7. MSA - Mines Safety Appliances(India) Ltd
8. Industrial Scientific Oldham France S.A.
9. Riken Keiki Co Ltd
10. Simrad Optronics Icare
11. Honeywell Analytics
12. Net Safety Monitoring Inc.
13. Simtronics SAS

5. (SHOP & FIELD PAINTING)

1. Asian Paints(I) Ltd.
2. Berger Paints Ltd.
3. Goodlass Nerlolac Paints Ltd.
4. Jenson And Nicholson Paint Ltd & chokuGu Jenson & Nicholson Ltd.
5. Shalimar Paints Ltd.
6. Sigma Coating, Mumabai
7. CDC Carboline Ltd.
8. Premier Products Ltd.
9. Coromandel Paints & Chemicals Ltd.
10. Anupam Enterprises
11. Grand Polycoats
12. Bombay Paints Ltd.
13. Vanaprabha Esters & Glycer, Mumbai

14. Sunil Paints and Varnishes Pvt. Ltd.
15. Courtaulds Coating & Sealants India (Pvt.) Ltd.
16. Mark-chem Incorporated, Mumbai (for phosphating chemicals only)
17. VCM Polyurethane Paint (for polyurethane Paint only)