



OIL AND NATURAL GAS CORPORATION LIMITED

(ENGINEERING RESOURCE GROUP- MAINTENANCE)

ONGC HAZIRA PLANT, SURAT – 394518, INDIA.

Phone 0261-287-5717/5749

Ref No: HZR/PLANT/MAINT/ERG-CONT-PROD-TERM/ERG/2024/1412571/ PO No. **5010165596** Date: 12.06.2025

To,
THE SUN FRP WORKS
4 BALAJI INDUSTRIAL AREA
SURVEY NO. 259, SUKHLIYA GRAM SEC D
SUKHLIYA GRAM SANWER ROAD.
INDORE , Madhya Pradesh, 452015
Vendor Code: 937274

Kind Attn: Shri. Sunil Gaur

Subject: Notification of Award (NOA) for the job of “Replacement of Acid & Alkali Storage Tanks in DM Plant at ONGC Hazira , Surat.”

Ref:

(i)ONGC Tender No. ONGC Tender Reference Number: 8P1SC25002 / 2025_ONGC_226011_1.

(ii)Your ref: Your Bid ID : 817552 against above tender through GePNIC web portal.

With reference to above, Oil and Natural Gas Corporation Ltd (hereinafter referred to as ‘ONGC’/ Company) is pleased to place Notification of Award (NOA) on “M/s THE SUN FRP WORKS” VC: 937274 (hereinafter referred to as ‘Contractor’) for subject work with following terms and conditions:

1. Price Schedule:

The Contract price for “Replacement of Acid & Alkali Storage Tanks in DM Plant” as per scope of work shall be ₹. **43,60,100/-** inclusive of all taxes & duties.

The detailed schedule of rates (**Appendix A**) is enclosed with this NOA.

2. Scope of work:

Scope of work & Special conditions of contract will be as per Annexure –III of tender documents. Enclosed separately with this NOA .

3. Completion period of Contract:

The schedule completion period is 270 days from the date of NOA i.e. 09.03.2026 for entire scope of including supply, installation, commissioning as per clause 2 of Annexure –III-C (SCC) of tender document.

4. Warranty: Warranty conditions shall be as per clause 5 of Annexure –III-C (SCC) of tender document.

5. Performance Security /Security Deposit:

Contractor shall submit the Security deposit/Performance Bank Guarantee (PBG) of ₹. **4,36,010** (Rupees Four Lakh Thirty Six Thousand and Ten only (@10% of Contract Price) as per clause

10 of General condition of contract (Annexure –II) within 15 days of the date of NOA i.e. on or before 27.06.2025.

The validity of PBG/SD shall remain valid till the entire completion period of the contract + warranty period (12 months) + 90 days

6. Terms of payment:

Payment will be made as per clause 10 of Annexure –III-C (SCC) and clause 7 of Annexure II of tender documents.

7. Contract Signing: The detailed contract will be signed by both parties within 30 days from the date of placement of this Notification of Award (NOA).

8. Other terms and conditions:

All other terms and conditions of the contract shall be as per subject tender to be read with clarifications/amendments/corrigendum issued (if any) along with written correspondence(s).

9. For the purpose of commencement of activities under the contract, this NOA will constitute a binding between ONGC and the Contractor.

10. For execution of contract, please contact, GM (E)-I/c Cogen , ONGC, Hazira Plant, Surat (Phone -0261-287 6875).

11. For all correspondence in this regard, please quote NOA ref.

Please acknowledge receipt of this NOA by return message within 03 days.

K.V Kharwandikar
GM(E&T)

Copy to:

- 1 GM(E)- AM- I/c Cogen
- 2 GM -Head Finance
- 3 O/c

Appendix -A - Detail of Schedule of Rates

Subject: Replacement of Acid & Alkali Storage Tanks in DM Plant at ONGC Hazira , Surat.

Sl. No.	Description	Qty.	Units	Basic Rate in Rs	Amount of taxes IGST / CGST & SGST / UTGST in Rs	Total Amount with Taxes	Total Amount in Words
1	Material						
1.01	Lump Sum cost of 20 M ² HCL Storage Tank including Packing , Forwarding and Freight INCO FOR basis to ONGC Hazira Surat	2	Nos.	4,50,000.00	1,62,000.00	10,62,000.00	INR Ten Lakh Sixty Two Thousand Only
1.02	Lump Sum cost of 20 m ² NaOH Storage tank including Packing , Forwarding and freight INCO FOR basis to ONGC Hazira Surat	1	Nos.	4,50,000.00	81,000.00	5,31,000.00	INR Five Lakh Thirty One Thousand Only
1.03	Lump Sum cost of 5 m ² NaOH Day tank including Packing , Forwarding and freight INCO FOR basis to ONGC Hazira Surat	2	Nos.	4,25,000.00	1,53,000.00	10,03,000.00	INR Ten Lakh Three Thousand Only
1.04	Lump Sum cost of ACID UNLOADING/TRANSFER PUMP as Per SOW including Packing , Forwarding and freight INCO FOR	1	Nos.	85,000.00	15,300.00	1,00,300.00	INR One Lakh Three Hundred Only

	basis to ONGC Hazira Surat.						
1.05	Lump Sum cost of CAUSTIC UNLOADING/TRANSFER PUMP as Per SOW including Packing , Forwarding and freight INCO FOR basis to ONGC Hazira Surat	1	Nos.	85,000.00	15,300.00	1,00,300.00	INR One Lakh Three Hundred Only
1.06	Lump Sum cost of Miscellaneous items as Per SOW including Packing , Forwarding and freight INCO FOR basis to ONGC Hazira Surat	1	Nos.	5,00,000.00	90,000.00	5,90,000.00	INR Five Lakh Ninety Thousand Only
2	Services						
2.01	Cost of Services for Construction, Installation, Commissioning and Testing for complete scope of work as per Technical SOW for the project.	1	Nos.	75,0000.00	1,35,000.00	8,85,000.00	INR Eight Lakh Eighty Five Thousand Only
3	Insurance						
3.01	Insurance Charges for the entire work as per Technical SOW for the project.	1	Nos.	75,000.00	13,500.00	88,500.00	INR Eighty Eight Thousand Five Hundred Only
Total						43,60,100.00	INR Forty Three Lakh Sixty Thousand One Hundred Only

Notes:

1. Price validity shall be for the entire period of the contract including extension thereof, if any.
2. The Bidder shall provide all the necessary compliances / Invoice / documents for enabling ONGC to avail Input tax credit benefits, in respect of the payments of GST which are payable against the contract. (GST registration number of ONGC, Hazira Plant Surat is 24AAACO1598A4ZQ; PAN No:AAACO1598A).

**Scope of work & Special conditions of contract
attached below**

Pg 1/15

SCOPE OF WORK

Scope of work for the job "Replacement of Acid & Caustic storage tanks at Cogen DM Plant, ONGC Hazira" is as below but not limited to:

1. List of Tanks & their piping networks which are covered under the scope of work as per ONGC Hazira plant requirement:
 - 20 m3 FRP Acid (HCl) Storage Tanks – 02 Nos.
 - 20 m3 FRP Caustic (NaOH) Storage tank – 01 Nos.
 - 5 m3 CSRL Caustic (NaOH) Day tanks – 02 Nos.
 - Acid & Caustic Unloading System

Detailed Scope of Work

2. **Supply, Installation, Testing & Commissioning of 02 nos of 20 m3 Hydro Chloric Acid (HCl) storage tank" :-**

2.1 Supply of 02 nos. of 20 m3 HCl Storage tank:-

- a) Supply of **2 nos. of 20 m3 HCl Storage tank** as per specification given in technical specification sheet. Supply includes supply of material at the job location including material store entry, receipt, issue etc. Tanks should be suitable for the storage of 20 M3 HCl acid as per the specification given in the Technical specification head. Tank should have inner lining of material suitable for handling the HCl as per the requirement.
- b) Submission of all relevant documents of supplied acid storage tanks in with, MOC details, test certificate, Material test certificate, Warranty certificate etc. to QAD/Indenter department/ONGC. Before start of work, contractor will submit the design calculation of tank along with relevant drawings. Tank's dimensions should be suitable for the installation of it on the existing foundation.
- c) Suitable fume arrester/absorber, glass tube level indicator (at least two numbers split gauge glass in each tank with isolation valves at both ends), overflow line & drain line will be supplied along with the tank.
- d) Tank should have ladder of suitable material to reach the roof of tank, platform at the top of the tank with hand rails to approach the main hole situated at the top of the tank & maintenance of the fume arrester pipe.

Technical Specification:

<u>Acid Storage Tanks:</u>		
<u>Sr No.</u>	<u>Specification</u>	<u>Required Range</u>
1.	Medium	Hydrochloric Acid (HCL)
2.	Tank Quantity	02 nos.
3.	Chemical Concentration	Min. 33%
4.	Specific gravity of Acid	1.20




5.	Material Type	FRP
6.	Inner Chemical Barrier	Isophathic Polyester Resin or lining suitable for HCl (Con.33%)
7.	Outer Chemical Barrier	UV Stabilizer Inhibitors
8.	Capacity	20 m3 each
9.	Existing Tank Dimension	2500dia x 4000 Ht.(in mm)
10.	Standard	BS 4994 / BS EN 13121
11.	Operating pressure	Atm.
12.	Design pressure	Full of Liquid + Atm.
13.	Vacuum	NO
14.	External Load	NO
15.	Operating Temp	Ambient
16.	Design Temp	65 ⁰ C
17.	Shape of tank	Vertical cylindrical tank with conical top & flat bottom
18.	Tank foundation	Chemical Resistive Tiles (IS – 4860-1968 , Class-I)
19.	Location of Tank	Outdoor
20.	Standard accessories	Level Tube Gauge (LG)
21.	Safety Accessories	➤ with Fume Arrestor ➤ with Over flow line
Note: Tank shall be provided with UV Inhibitors from outer side/external surface.		

2.2 Replacement, Commissioning & Testing of 2 nos. of Acid Storage Tanks:-

- Cutting or scraping & removal of existing damaged acid storage tanks is in the scope of contractor. The same will be disposed to scraping yard of ONGC or as instructed by the EIC.
- Existing foundation for acid tanks will be repaired as per the requirement /instruction of EIC. Contractor will replace all the acid resistive tiles of the existing foundations of acid tanks with new suitable acid resistive tiles. The contractor will do the proper levelling of tanks base. The chemical resistive tiles will be **IS-4860-1968, class-I** standard.
- Acid storage tank should be installed at the existing foundation properly along with proper levelling. Acid storage tank should be properly fitted with fume arrester/absorber, overflow lines, drain line & level gauge as per the instruction of EIC. All fitting of accessories & pipes, is in the scope of contract.
- The water connection for the fume arrester will be taken from the available nearest water line. Pipe line for the water connection from nearest water line to the fume arrester is in the scope of contractor.

Pg 3/18

e) Indicative layout of the acid storage tank is attached in **figure 01**.

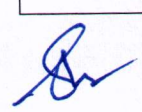
3. Supply, Installation, Testing & Commissioning of 20 m3 Caustic Storage Tank (NaOH) tank" :-

3.1 Supply of 01 number 20 m3 Caustic Storage (NaOH) Tank:-

- Supply of 1 number of 20 m3 Caustic (NaOH) Storage tank as per specification given in technical specification sheet. Supply includes supply of material at the job location including material store entry, receipt, issue etc. Tanks should be suitable for the storage of 20 M3 NaOH as per the specification given in the Technical specification head. Tank should have inner lining of material suitable for handling the NaOH as per the requirement.
- Submission of all relevant documents of supplied NaOH storage tanks in with, MOC details, test certificate, Material test certificate, Warranty certificate etc. to QAD/Indenter department/ONGC. Before start of work, contractor will submit the design calculation of tank along with relevant drawings. Tank's dimensions should be suitable for the installation of it on the existing foundation.
- Suitable glass tube level indicator (at least two numbers split gauge glass in each tank with isolation valves at both ends), overflow line & drain line will be supplied along with the tank.
- Tank should have ladder of suitable material to reach the roof of tank, platform at the top of the tank with hand rails to approach the main hole situated at the top of the tank.

Technical Specification:

<u>Caustic Storage Tanks:</u>		
<u>Sr No.</u>	<u>Specification</u>	<u>Required Range</u>
1.	Medium	Sodium Hydroxide (NaOH)
2.	Tank Quantity	01 nos.
3.	Chemical Concentration	Min. 48%
4.	Specific gravity of Caustic	1.53
5.	Material Type	FRP
6.	Inner Chemical Barrier	Isophathic Polyester Resin or lining suitable for NaOH (Con. 46%)
7.	Outer Chemical Barrier	UV Stabilizer Inhibitors
8.	Capacity	20 m3
9.	Existing Tank Dimension	2500dia x 4000 Ht.(in mm)
10.	Standard	BS 4994 / BS EN 13121
11.	Operating pressure	Atm.
12.	Design pressure	Full of Liquid + Atm.





Dg 4/15

13.	Vacuum	NO
14.	External Load	NO
15.	Operating Temp	Ambient
16.	Design Temp	65 ⁰ C
18.	Tank foundation	Acid/Caustic Resistive Tiles (IS-4860-1968, class-I)
19.	Location of Tank	Outdoor
20.	Standard accessories	Level Tube Gauge (LG)
21.	Safety Accessories	➤ with Fume Arrestor ➤ with Over flow line
Note: Tank shall be provided with UV Inhibitors from outer side/external surface.		

3.2 Replacement, Testing & Commissioning of 20 m3 Caustic (NaOH) Storage Tank:-

- Cutting or scraping & removal of existing NaOH vertically mounted storage tanks is in the scope of contractor. The same will be disposed to scraping yard of ONGC or as instructed by the EIC.
- Existing foundation for NaOH tanks will be repaired as per the requirement /instruction of EIC. Contractor will replace all the alkali resistive tiles of the existing foundations of NaOH tank with new suitable alkali resistive tiles. The contractor will do the proper levelling of tanks base. The chemical resistive tiles will be **IS-4860-1968, class-I** standard.
- Alkali storage tank should be installed at the existing foundation properly along with proper levelling. NaOH storage tank should be properly fitted with overflow lines, drain line & level gauge as per the instruction of EIC. All fitting of accessories & pipes, is in the scope of contract.
- Indicative layout of the acid storage tank is attached in **figure-01**.

4. Supply, Installation, Testing & Commissioning of 5 m3 Caustic Storage Day Tank (NaOH) tank :-

4.1 Supply of 02 number 5 m3 CSRL Caustic (NaOH) Storage Tank:-

- Supply of 02 number of 5 m3 Caustic (NaOH) Storage tanks as per specification given in technical specification sheet. Supply includes supply of material at the job location including material store entry, receipt, issue etc. Tanks should be suitable for the storage of 5 M3 NaOH as per the specification given in the Technical specification head. Tank should have inner lining of material suitable for handling the NaOH as per the requirement.
- Submission of all relevant documents of supplied NaOH storage tanks in with, MOC details, test certificate, Material test certificate, Warranty certificate etc. to QAD/Indenter department/ONGC. Before start of work, contractor will submit the

Pg 5/15

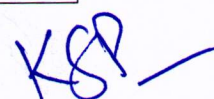
design calculation of tank along with relevant drawings. Tank's dimensions should be suitable for the installation of it on the existing foundation.

- c) As per QA plan, Material Testing Certificate for materials (like sample of Tank plate (IS-2062) and rubber etc.) will be provided to ONGC. ONGC may ask the testing of these materials from Govt./NABL/ONGC authorised laboratories. Lab testing charges will be in the contractor scope.
- d) Contractor will submit the inspection & test documents like radiography, NDT, hydro test etc. of the fabrication of tank.
- e) The lining shall be extended up to the edge of the facing end of the spool/vessel. There shall not be any joints in the rubber lining at flange and same shall be of uniform thickness. The rubber lining of the outer edge of the flanges should be finished flush to prevent rubbing and peel off during handling. No swelling or bulging in the rubber lining is acceptable. Rubber lining should not be less than required thickness and must be vulcanised / cured with steam to achieve hardness.
- f) Final Inspection after completion of rubber lining before dispatch of tank to ONGC Hazira:
 - (i) Spark Test – 100 %
 - (ii) Adhesion Test
 - (iii) Hardness Test 70 $\pm$ 5
- g) Suitable glass tube level indicator, overflow line & drain line will be supplied along with the tank.
- h) Tanks should have ladder of suitable material to reach of the roof, platform at the top of the tank with hand rails to approach the main hole situated at the top of the tank.
- i) The MOC of vessel will be carbon steel IS2062, have minimum shell thickness of 8 mm and dish end thickness of 10 mm. Electrode AWS-E6013 will be used during the vessel welding or fabrication.

Technical Specification:

<u>Caustic Storage Day Tanks:</u>		
<u>Sr No.</u>	<u>Specification</u>	<u>Required Range</u>
22.	Medium	Sodium Hydroxide (NaOH)
23.	Tank Quantity	02 nos.
24.	Chemical Concentration	Min. 48%
25.	Material Type	Carbon Steel Rubber Lined (CSRL)
26.	Specific gravity of Caustic	1.53
27.	Inner Surface	Rubber lining
28.	Outer Surface Coating	Painting
29.	Capacity	5 m3 each





30.	Location	Horizontal Tank
31.	Existing Tank Dimension	1300 dia x 4000 Ht.(in mm)
32.	Standard	IS 2825 / BS 2594
33.	Operating pressure	Atm.
34.	Design pressure	Full of Liquid
35.	Vacuum	NO
36.	External Load	NO
37.	Operating Temp	Ambient
38.	Design Temp	65 ⁰ C
39.	Tank Foundation	Acid/Caustic Resistive Tiles (IS-4860 (1968))
40.	Location of Tank	Outdoor
41.	Standard accessories	Level Tube Gauge (LG)
42.	Safety Accessories	➤ with Fume Arrestor ➤ with Over flow line
Note: Both the tanks will be installed in horizontal cylindrical position at height of 3 meters on the existing foundation.		

4.2 Replacement, Testing & Commissioning of 5 m3 horizontally mounted Caustic (NaOH) Storage Tank:-

- Cutting or scraping & removal of existing damaged caustic storage tanks is in the scope of contractor. The same will be disposed to scraping yard of ONGC or as instructed by the EIC.
- Repairing of tanks foundation & tiles installation using acid/caustic resistive paste is in the scope of contract. The tiles will be pasted using Furan based mortar compound between the tiles.
- The contractor will do the proper levelling of tank's base.
- All accessories, fitting are the part of contract.
- Pipes shall meet the requirement of ASTM-441 in schedule 40 and fittings ASTM-F439.
- Rubber lining of tank shall be as per IS-4682 Part-I, Test hardness as per IS-3400 Part-II and adhesion test of the rubber with metal as per IS-3400 Part-XIV. The rubber lining shall be tested for pin holes, discontinuity with higher frequency spark tester at frequency not less than 5 KV per mm thickness of lining.
- Internal surface preparation of tank by sand blasting / suitable mechanical cleaning with quality finishing. Rubber lining as per required procedure using natural rubber including vulcanizing / curing for the Internal rubber lining of the tank shall be 6 mm of material Ebonite (3ply * 2thk).

Pg 7/15

5. Supply, Installation, Testing & Commissioning of acid & caustic unloading system :-

5.1 Supply, Installation, Testing & Commissioning of 01 number acid unloading pump :-

- a) Supply of acid unloading pump along with required pipe fitting etc. as per specification given in technical specification sheet. Pump should be supplied along with a motor as per the specifications given in the table below. Pump motor set should be mounted in the same skid & directly coupled. Set should be supplied along Push Button Station which will be mounted on a FRP stand for local operation. Supply includes supply of material at the job location including material store entry, receipt, issue etc. Material of pump motor set along with accessories is suitable to handle the HCl acid.
- b) Submission of all relevant documents of supplied pump-motor set like MOC details, test certificate, Warranty certificate etc. to QAD/Indenter department/ONGC. Before start of work, contractor will submit the design calculation along with relevant drawings.
- c) Pump motor set will be installed on a suitable size of RCC foundation having minimum height of 450 mm. It should be fixed properly on the foundation to avoid vibration during running. Foundation should be covered with acid resistive tiles from all side.

ACID UNLOADING/TRANSFER PUMP SPECIFICATION DATA SHEET		
Sr. No.	FEATURE	SPECIFICATION
1.	DISCHARGE FLOW RATE	10 m3/hr
2.	PRESSURE HEAD	25 mlc
3.	FLUID	33% Con. HCL
4.	TYPE OF PUMP	Centrifugal

ACID UNLOADING/TRANSFER MOTOR SPECIFICATION DATA SHEET		
Sr. No.	FEATURE	SPECIFICATION
1.	RATED OUTPUT	As Per Pump Design
2.	NUMBER OF POLES	As Per Pump Design
3.	RPM	As Per Pump Design
4.	RATED VOLTAGE	415V $\pm$ 10%
5.	RATED FREQUENCY	50 HZ $\pm$ 5%
6.	NUMBER OF PHASE	3 phase
7.	TYPE OF CONNECTION	DELTA
8.	TYPE OF PROTECTION	EX-e
9.	TYPE OF ENCLOSURE	TEFC
10.	DEGREE OF PROTECTION	IP55 as per IS:4691
11.	BODY EARTHING	02 Nos

Pg 8/15

12.	CABLE SIZE	4C x 16 SQ.MM
13.	APPROVAL CERTIFICATES	CMRI / CCE/PESO CERTIFICATE AS APPLICABLE
14.	DUTY CYCLE	S1, Continuous as per IS:325
15.	PULL-UP TORQUE & PERFORMANCE VALUE	AS PER IS:12615 - 2018
16.	AMBIENT TEMPERATURE	50 0 C
17.	ALTITUDE	1000 Mtrs above MSL
18.	RELATIVE HUMIDITY	Greater than 95%
19.	ZONE	2
20.	GAS GROUP	II A & II B
21.	Energy Efficient motor type as per IS:12615-2018	Minimum IE-3
22.	TEMPERATURE CLASS	T3 or Better
23.	TYPE OF ROTOR	Squirrel Cage
24.	INSULATION CLASS	Class F with temperature rise limited to class B
25.	DIRECTION OF ROTATION	Bi-directional
26.	VIBRATIONS	As per IS:12075
27.	METHOD OF STARTING	DOL
28.	SPECIAL INSTRUCTIONS	Routine test as per IS:12615 is to be carried out and document of the latest type test carried out on same type motor is to be provided
29.	FRAME SIZE OF EXISTING MOTOR	As Per Pump Design

NOTE: Motors shall be supplied required with flameproof double compression gland (Brass) and FRP canopy. Local control Station (LCS) shall be provided for all motors. LCS shall have start PB, Stop PB, emergency stop PB with mushroom head and stay put feature. Local Control Station shall be provided with FRP canopy.

5.2 Supply, Installation, Testing & Commissioning of 01 number of caustic unloading pump :-

- Supply of caustic unloading pump along with required pipe fitting etc. as per specification given in technical specification sheet. Pump should be supplied along with a motor as per the specifications given in the table below. Pump motor set should be mounted in the same skid & directly coupled. Set should be supplied along Push Button Station which will be mounted on a FRP stand for local operation. Supply includes supply of material at the job location including material store entry, receipt, issue etc. Material of pump motor set along with accessories is suitable to handle the caustic.
- Submission of all relevant documents of supplied pump-motor set like MOC details, test certificate, Warranty certificate etc. to QAD/Indenter department/ONGC. Before start of work, contractor will submit the design calculation along with relevant drawings.
- Pump motor set will be installed on a suitable size of RCC foundation having minimum height of 450 mm. It should be fixed properly on the foundation to avoid vibration during running. Foundation should be covered with acid/caustic resistive tiles from all side.

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Pg 9/15

<u>CAUSTIC UNLOADING/TRANSFER PUMP SPECIFICATION DATA SHEET</u>		
Sr. No.	FEATURE	SPECIFICATION
1.	Discharge flow rate	10 m ³ /hr
2.	Pressure Head	25 mlc
3.	Fluid	48% con. NaOH
4.	Type of pump	Centrifugal
<u>CAUSTIC UNLOADING/TRANSFER MOTOR SPECIFICATION DATA SHEET</u>		
S/N	FEATURE	SPECIFICATION
1.	RATED OUTPUT	As Per Pump Design
2.	NUMBER OF POLES	As Per Pump Design
3.	RPM	As Per Pump Design
4.	RATED VOLTAGE	415V $\pm$ 10%
5.	RATED FREQUENCY	50 HZ $\pm$ 5%
6.	NUMBER OF PHASE	3 phase
7.	TYPE OF CONNECTION	DELTA
8.	TYPE OF PROTECTION	EX-e
9.	TYPE OF ENCLOSURE	TEFC
10.	DEGREE OF PROTECTION	IP55 as per IS:4691
11.	BODY EARTHING	02 Nos
12.	CABLE SIZE	4C x 16 SQ.MM
13.	APPROVAL CERTIFICATES	CMRI / CCE/PESO CERTIFICATE AS APPLICABLE
14.	DUTY CYCLE	S1, Continuous as per IS:325
15.	PULL-UP TORQUE & PERFORMANCE VALUE	AS PER IS:12615 - 2018
16.	AMBIENT TEMPERATURE	50° C
17.	ALTITUDE	1000 Mtrs above MSL
18.	RELATIVE HUMIDITY	Greater than 95%
19.	Zone	2
20.	GAS GROUP	II A & II B
21.	Energy Efficient motor as per IS:12615-2018	Minimum-IE3
22.	TEMPERATURE CLASS	T3 or Better
23.	TYPE OF ROTOR	Squirrel Cage
24.	INSULATION CLASS	Class F with temperature rise limited to class B
25.	DIRECTION OF ROTATION	Bi-directional
26.	VIBRATIONS	As per IS:12075
27.	METHOD OF STARTING	DOL

Pf 10/15

28.	SPECIAL INSTRUCTIONS	Routine test as per IS:12615 is to be carried out and document of the latest type test carried out on same type motor is to be provided
29.	FRAME SIZE OF EXISTING MOTOR	As Per Pump Design
NOTE: 1. Motors shall be supplied required with flameproof double compression gland (Brass) and FRP canopy. 2. Local control Station (LCS) shall be provided for all motors. LCS shall have start PB, Stop PB, emergency stop PB with mushroom head and stay put feature. 3. Local Control Station shall be provided with FRP canopy.		

6. Supply & erection of pipes, Valves & fittings for acid & caustic unloading & storage system :-

Contractor will replace all the existing Piping:

- From unloading pumps (alkali & acid both) to the vertical mounted 20M3 acid & alkali storage tanks.
 - From vertical mounted 20M3 acid & alkali storage tanks to the pumps
 - From both pumps to the horizontal mounted acid & alkali day tanks
- a) Supply of CPVC pipes, ball valves, elbow & T points as per specification given in the table below. The pumps system comprises of pressure gauge & NRV in discharge line.
 - b) Cutting or scraping & removal of existing pipe network along with all accessories for acid & alkali transfer & unloading is in the scope of contractor. The same will be disposed to scraping yard of ONGC or as instructed by the EIC.
 - c) Piping for unloading & transfer of acid & alkali will be routed from pump to tanks on the minimum 250 mm height from the surface. Piping should be supported by bricks/RCC legs of suitable size. The distance between two consecutive legs should not be more than 1.5 meter. All foundation legs should be covered with acid/alkali resistive tiles.
 - d) Valve should be installed so that it can be operated & maintained easily. Submission of all relevant documents of supplied material like MOC details, test certificate, Warranty certificate etc. to QAD/Indenter department/ONGC.
 - e) A schematic of acid transfer/unloading & alkali transfer/unloading is given in the fig 01 & 02 respectively.

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Pg 11/15

<u>Acid & Caustic Transfer Pipes & Fitting:</u>			
<u>Sr. No.</u>	<u>Specification</u>	<u>Required Range</u>	<u>Minimum indicated quantity</u>
1.	Pipe Material & size	80 mm, ASTM F441, CPVC, SCH40 #150	325 meter
2.	Valve	CPVC Ball Valve with companion flanges, SCH40 #150	25 number
3.	Valve End Type	Flanged end	
4.	Elbow	CPVC, SCH40 #150	60 number
5.	Tee Socket	CPVC, SCH40 #150	16 number
6.	NRV		04 number
7.	Chemical	Suitable for HCl (con.-33%) & NaOH (Con.-48%)	

7. Repairing of Dyke Wall & Area:

- As per the attached figure-03, there is one existing dyke around existing three numbers FRP tanks and another one is around horizontal mounted alkali tank. Both dyke areas are adjacent to each other. Dimensions of the both dyke areas including wall are given in the attached figure.
- Red cut marked walls in the figure – 03 are to be removed and in place of these walls, green marked walls are to be erected. The present flooring of the extending area is concrete. The levelling & fixing of acid resistive tiles in the extending dyke area along with maintaining slope shall be in the scope of the contractor.
- Repairing of the existing dyke wall is in the scope of contractor.
- Supply of acid resistive tiles for dyke wall, dyke floor & supports of pipes & pumps.
- Removal of all existing acid resistive tiles & fixing of new acid resistive tiles along with maintaining slope is in the scope of contractor. Tiles will be fixed with the acid resistive material.

CS. Kulkarni
Damen

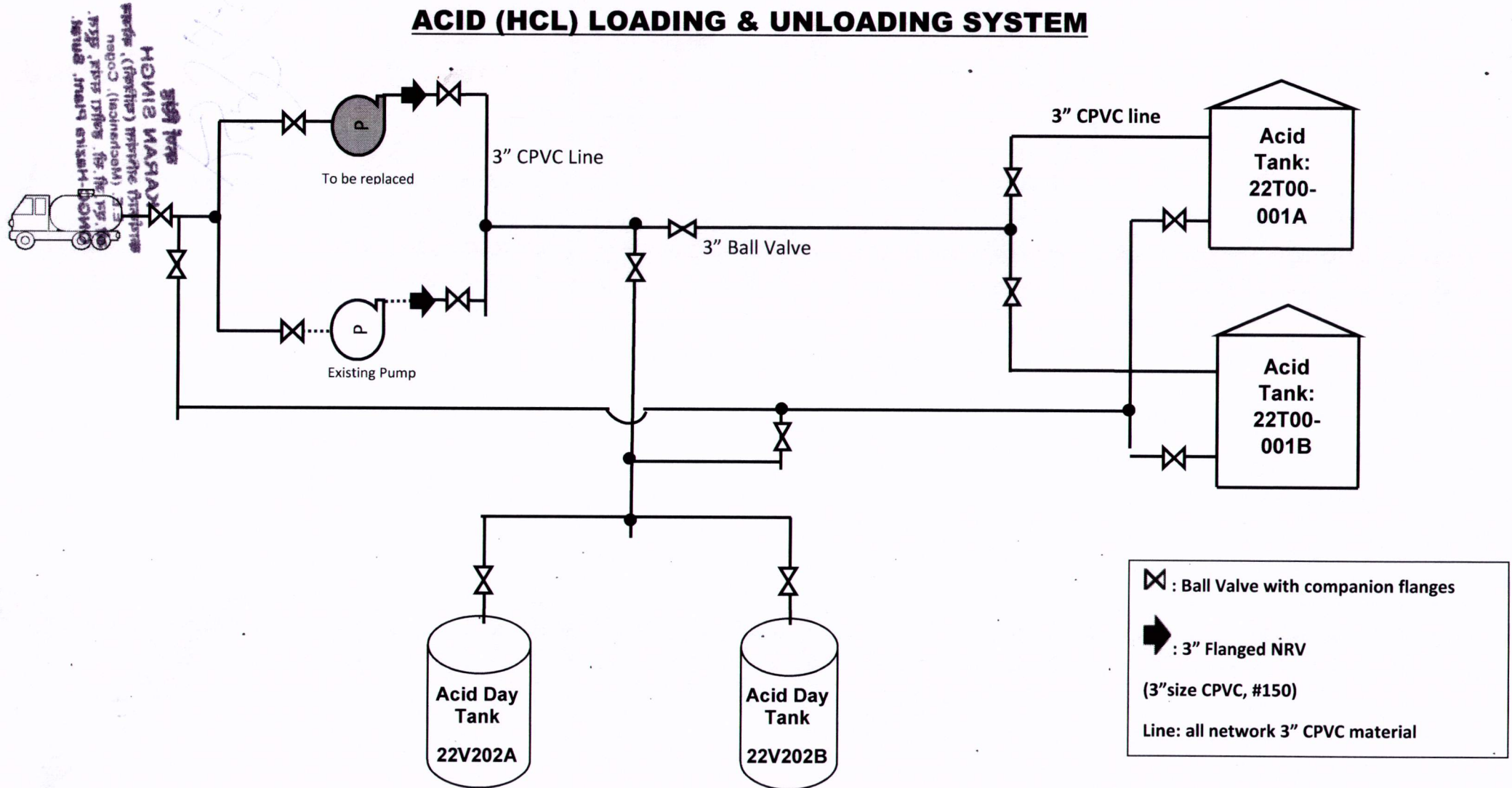
KSP 17-07-24
KARN SINGH
कार्यकारी अभियंता (यांत्रिकी), कोकण
E.E. (Mechanical), Cogen
ओ.एन.जी.सी. हजीरा संयंत्र, सुरत.
ONGC-Hazira Plant, Surat.

KSP

Pg 12/15

Figure: 01

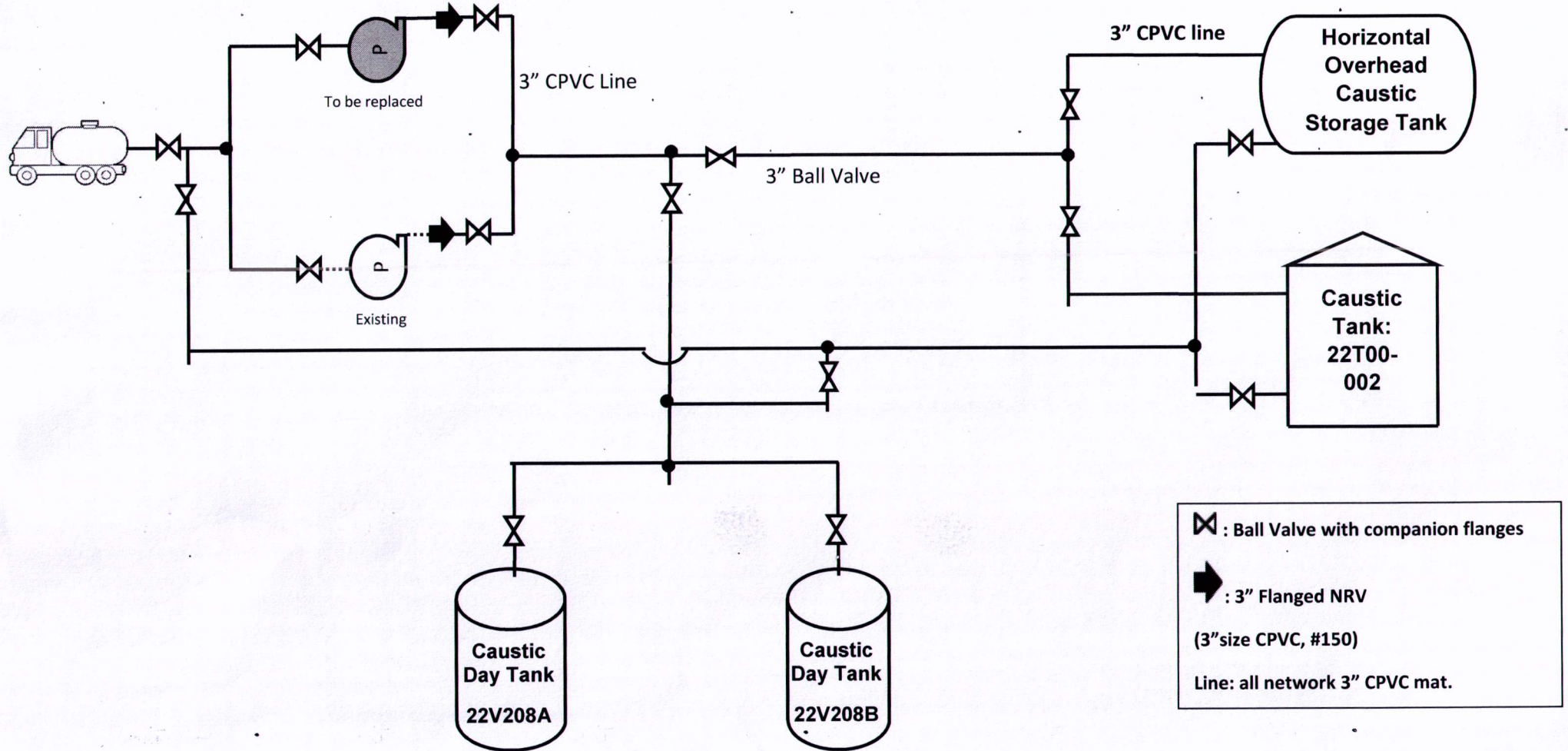
ACID (HCL) LOADING & UNLOADING SYSTEM



K&R

Figure: 02

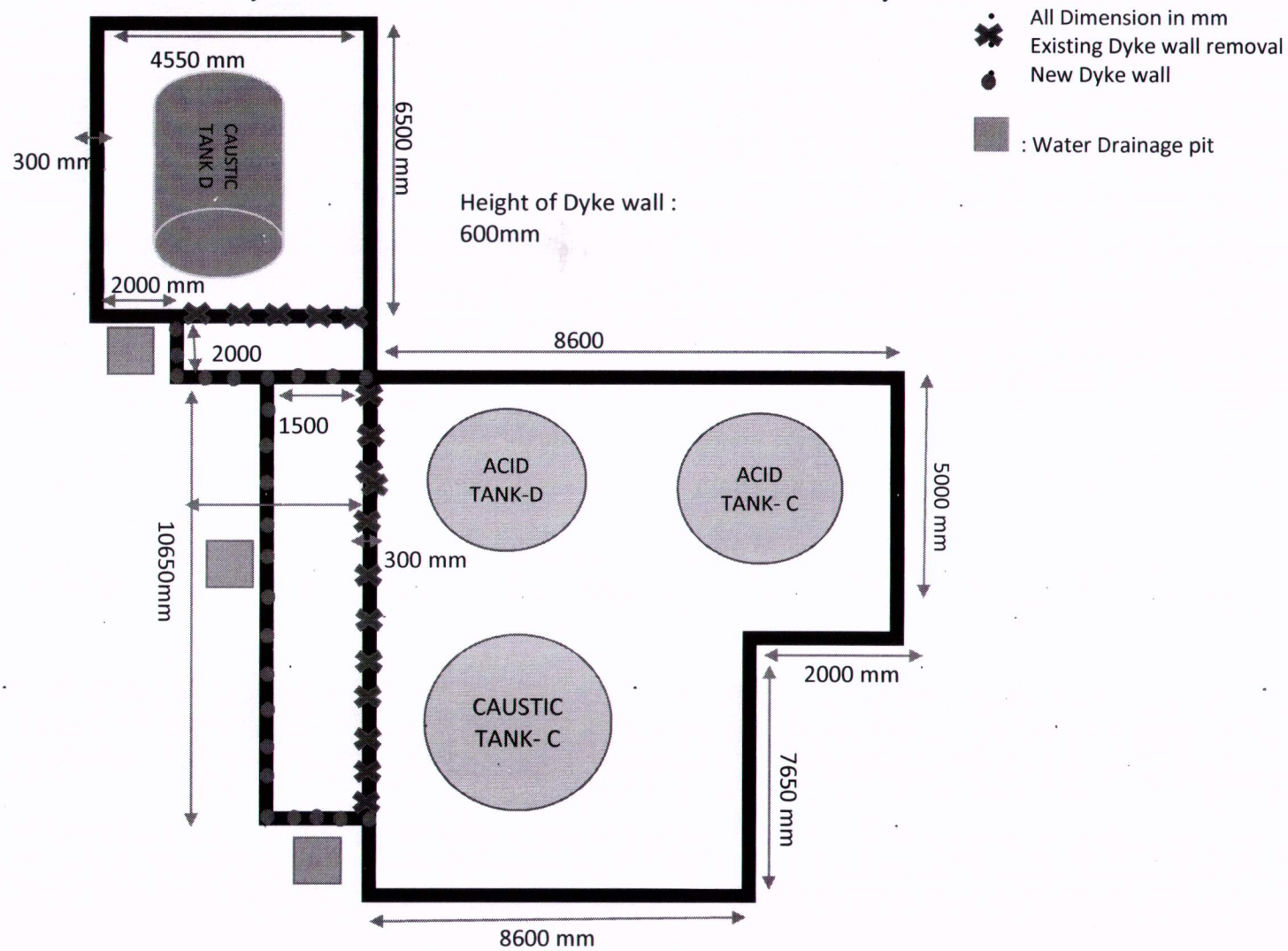
CAUSTIC (NaOH) LOADING & UNLOADING SYSTEM



Pg 14/15

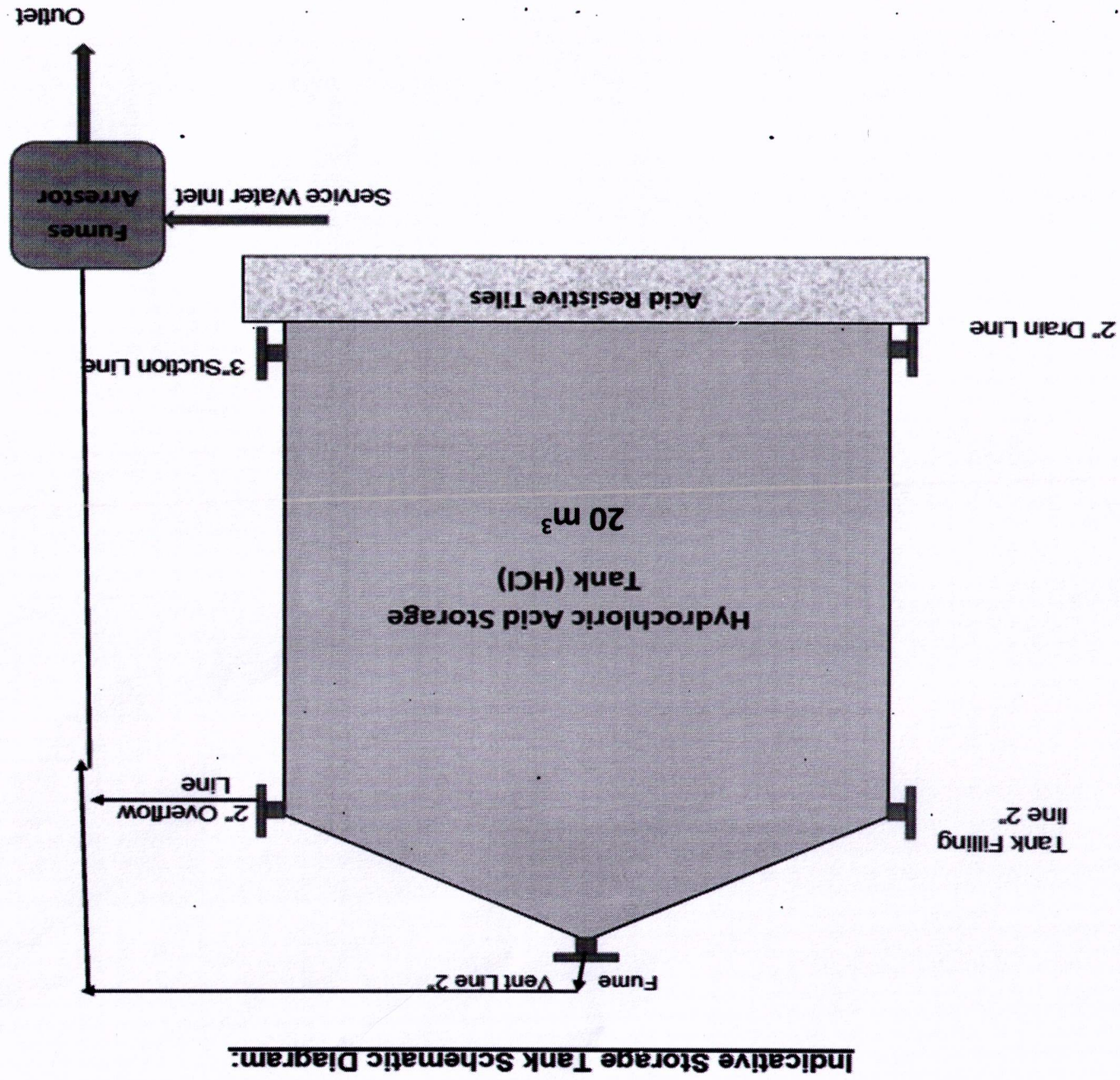
Figure: 03

DYKE AREA OF ACID & CAUSTIC STORAGE TANKS



KSR

Figure: 04



8/15/15
Pg 15/15

KSL



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

Special Conditions of the Contract

1. Mobilization: -

There is **no separate mobilization period** will be given to contractor.

2. Completion period: -

The schedule completion period is **270 days** for entire scope of including supply, installation, commissioning & System Performance test of 04 hours run) from the date of NOA.

3. Security deposit /PBG–

Performance bank guarantee/Security deposit must be submitted by the successful bidder @ 10% of total contract value. The validity of PBG/SD shall remain valid till entire completion period of the contract + warranty period(12 month) + 90 days.

4. Inspection and performance test:-

- a) **Inspection of material-** If desired, ONGC may depute their representative to witness the required stages of manufacturing / testing of storage tanks and pump sets at the premises of Vendor/s. The cost of deputation shall be borne by ONGC.
- b) The test reports/ test certificates/calibration reports of all supplied items including brought out items shall be submitted before dispatching the material to ONGC Hazira. The visual inspection and verifications of Test /calibrations report including the dimensional details and other technical specifications as per design documents shall be carried out at the destination location i.e. ONGC Hazira Plant.
- c) **Performance testing to be carried out by vendor at site:**
- i) **Tanks:**
Each supplied tanks shall be filled as per the design capacity and shall be kept under observations for 12 hours for any leakages.
- ii) **Pumps:**
The Factory Acceptance Test is to be carried out for each pump set. FAT report of each Pump Set shall be submitted to ONGC.
- iii) **System performance Test:**
Minimum 4 hrs. of system Performance/operation run test of each system i.e. new tanks, loading/unloading pump, Piping etc. to be carried out at site.
- If any leakage/ defect / failure is observed, then the required remedial action shall be carried out by the Vendor without any cost and time implication to ONGC and the same test will be repeated.

5. Warranty: -

The warranty period shall be 12 months from date of successful completion of performance test/s and acceptance of the work.

Vendor to undertake the repair or replace the defective items including required services at his cost and risk during the warranty period.

6. Liquidated Damage: -

- a) Time and date of completion indicated in the contract/work order shall be the essence of the contract. If the contractor fails to complete the entire scope of work by the scheduled



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

completion date, ONGC may levy LD without prejudice to any other right or remedy available to it as under the contract/Law.

- b) The parties agree that the amount of LD provided herein as a genuine pre-estimate of the loss/damage which will be suffered on account of delay on the part of the contractor and the said amount shall be payable on demand without there being any proof of the actual loss or damage caused by such delay/breach.

And / OR

Terminate the contract or a portion or part of the work there of. ONGC shall give 14 days' notice to the contract of its intention to terminate the contract and shall so terminate the contract unless during the 14 days' notice period, the contractor initiates remedial action acceptable to ONGC.

- c) If the contractor is unable to complete the work by the scheduled completion date, it may request ONGC for extension of the time with unconditionally agreeing for levy and recovery of LD. Upon receipt of such a request, ONGC may at its discretion, extend the period of completion and shall recover from the contractor, as an ascertained and agreed Liquidated Damages, a sum equivalent to 1/2 % of annual contract value, for each week of delay or part thereof, subject to a maximum of 10% of the annual contract value.
- d) LD will be calculated based on contract value excluding duties and taxes, where such duties have been shown separately in the contract. However, GST @ 18% shall be levied on the LD amount deducted, if any, and the same will have to be borne by the contractor.

7. Lodging & Boarding & Transportation Facility:

Vendor to arrange the required Lodging & Boarding and transportation of their persons during execution of job. This includes the shifting of material, tools tackles and to & for transportation of contractual workforce)

8. Submission of Report/Document Approvals:

- a) Contractor shall develop DCI (Document Control Index) and MCI ((Material Control Index) and submit the same for approval of ONGC.
- b) All engineering documents are to be submitted to ONGC for review/ approvals.
- c) The Operation & Maintenance manual and test certificates along with spare parts list and final drawing are to be submitted post completion of performance test.

9. Execution methodology:

This is the tentative work execution methodology, if any changes will be made during work execution, contractor must inform ONGC in advance. Execution may be revised by EIC or ONGC depending upon the operational need.

(i) In the first phase (Ph-1), Acid tanks will be replaced one by one. 2nd tank will be offered only after the installation & commissioning of 1st acid tank as this is hook up job in existing acid



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

system. The job will be carried out in such a way that it will not disturb running DM plant operations. Both the tanks will be tied-in /hooked up in existing acid system.

(ii) Any isolation, blinding, de-blinding, scrap removing, Tank shifting etc. jobs related to phase-1 activities, carried out by the contractor.

(iii) In the second phase (Ph-2), Caustic Tanks will be offered for the replacement, starting from FRP make 20 m³. After completion & testing of 20m³ Caustic (NaOH) tank, Caustic CSRL tanks job will be offered. The job will be carried out in such a way that it will not disturb the running DM plant operations. Tank will be tied-in /hooked up in existing caustic system.

(iv) Any isolation, blinding, de-blinding, scrap removing, Tank shifting etc. jobs related to phase-2 activities, carried out by the contractor.

(v) In the 3rd phase, Acid & Caustic unloading system replacement job will be carried out. This job can be planned parallel to phase-1 & phase-2 work but system will be taken in line after the completion of phase-1 & phase-2 jobs.

10. Terms of Payment: -

Payment will be released through Electronic Payment Mechanism within 10 (ten one) days from the date of submission of bills/invoices complete in all respects. Tax Invoice (Original and duplicate) issued under relevant GST legislations/rules to be through ONGC VIMS system.

Documents required for making payment:

Stage-I: Submission of invoice after supply of complete materials as per SOW & approved Documents (single invoice to be submitted)

Following documents / details should be invariably furnished along with the invoice issued under GST law indicating the GST Registration of the contractor:

- a) Invoice (i.e. Tax invoice as per relevant GST rules, in original and duplicate, clearly indicating GST Registration Number, Service Classification, GST Rate and amount of GST shown separately).
- b) Copy of Insurance policy as per the contract requirement.

Policies to be taken Out by Contractor

The Contractor and the Company shall be covered by insurances to be taken out and maintained by the Contractor as set forth below:

- i. Cargo Transit Insurance
- ii. Contractor's All Risk Insurance/erection all risks/storage cum erection insurance (including Onshore Terrorism Cover)
- iii. Third Party Liability Insurance
- iv. Workman's Compensation/Employer's Liability Insurance
- v. Insurance Coverage under Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY)

- c) ~~Approval of Engineering documents~~ & Bill of Materials.



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

- d) Packing list.
- e) Proof of receipt of material at ONGC Hazira.
- f) Provisional Certificate of Warranty for supplied material.
- g) Proof of delivery of As-shipped drawings / documents.
- h) Copy of valid GST registration certificate.
- i) Particulars required for making payments through ‘Electronic Payment Mechanism’, in accordance with the clause on ‘MODE OF PAYMENT’ appearing in Annexure-I (i.e. ‘Instructions to bidders’) of bid document.
- j) Undertaking by the contractor regarding compliance of payment of GST in time to government.
- k) Any other document specifically mentioned in the Contract, or supporting documents in respect of other claims (if any), permissible under the Contract.

Stage-II: Submission of invoice after completion of work in all respect (single invoice to be submitted)

Following documents / details should be invariably furnished along with the invoice issued under GST law indicating the GST Registration of the contractor:

- a) Installation & Performance test completion report.
- b) Proof of delivery As Built drawings / documents.
- c) Work Completion Certificate issued by EIC of ONGC.
- d) Warrantee certificate
- e) Copy of valid GST registration certificate.
- f) Particulars required for making payments through ‘Electronic Payment Mechanism’, in accordance with the clause on ‘MODE OF PAYMENT’ appearing in Annexure-I (i.e. ‘Instructions to bidders’) of bid document.
- g) Details of statutory payments like EPF and ESI (and documents thereof as per clause 7.6.1 of GCC), etc., (As applicable).
- h) Undertaking by the contractor regarding compliance of payment of GST in time to government.

Stage-III: Withheld 10% of the basic services value will be released after submission of following documents:

- a) Report/Certificate of Resolution of punch points after successfully completion of the work duly certified by ONGC.
- b) Project warrantee certificate.



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

Milestone of the payment:

Stage	Item Details	% Weightage	Details
First (I)	Material Supply	80% of the basic material value along with 100% of taxes and duties of material value	Payment will be released after receipt of entire material as per SOW and all relevant documents at ONGC Hazira.
	Insurance Charges	100 % of actual amount	As per Actuals and upon submission of the premium receipts of the insurance policies.
Second (II)	Material Supply	20 % of the basic material value.	After successful completion of the job and issue of completion certificate by ONGC and
	Services	90% of Service charges along with 100% of applicable taxes shall be paid. 10% of the basic services value will be withheld from the final invoice. The withheld amount (10%) will be released as per the conditions outlined in Stage-III	
Third (III)	Liquidation of Punch point	Released of 10% of the basic service charges.	Liquidation of all punch points.

11. Work Permit System:

There are two types of work Permit being followed at ONGC Hazira plant, viz., Cold Work Permit and Hot Work Permit.

1. Cold work Permit is required for any work inside the Hazira Plant. Cold work Permit will be issued by the Area In-charge, for a period of 07 days, for a normal working time from 0845 hrs to 1815 hrs on each workday. The Work Permit will have to be renewed by signing in each shift, by Issuer (Area In-charge), Executer (Engineer In-charge), and shift In-charge of the Control Room. It will be contractor's responsibility to get the above signatures and keep the Work Permit available at the work site.
2. Hot Work Permit is required for any welding, cutting, grinding, chipping work and also for work on heights above 2 meters from the ground level. Hot work Permit shall be issued by the Area In-charge, for a period of Seven Days, and has to be signed by Safety & Fire Departments also. ONGC Hazira Fire Team shall remain present at work



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

site, during execution of the Hot Work. Normally Hot work is permitted on Working Days, from 0930 to 1800 hrs.

12. Personnel Protective Equipment (PPE)/Safety and HSE code:

The purpose of the safety code is to safeguard against the mishap and damage to the men, material and machinery while carrying out the work in ONGC areas. Contractor is bound to adhere the plant safety rules and use of PPE. Contractor has to arrange PPE like Dungarees, Safety Shoes, Helmet, Goggles, and Ear Plug etc. for their Persons. No one shall be allowed to work at site without proper PPE. Also bidder should follow all HSE norms as specified by ONGC.

13. Following points are under contractor's scope but not limited to

- a) Contractor shall depute a Supervisor (contractor's representative) to monitor the activities and co-ordination of the work on daily basis. Contractor has to give daily progress report to engineer-in-charge duly signed by Supervisor deputed by Contractor for the jobs completed during the day.
- b) Contractor shall deploy sufficient resources including manpower for carrying out the job. Contractor shall deploy additional manpower for completion of job within stipulated time period if required.
- c) Contractor shall have to make his own arrangement for site office, transport and any other resources required for smooth operation of the contract as per the requirement.
- d) Contractor will supply the material at the job location including material store entry, receipt, issue etc. Mobilization of all other resources needed to carry out the job up to the job location including manpower.
- e) The applicable Codes & Standards of organizations, institutions etc. listed here under - but not limited to the same in alphabetical order and/or mentioned in the P&IDs, data sheets, manuals and standard specifications:-
 - a. American National Standards Institute (ANSI)
 - b. American Petroleum Institute (API)
 - c. American Society of Mechanical Engineers (ASME)
 - d. Bureau of Indian Standards (BIS)
 - e. British Standards (BS)
 - f. National Environmental Policy Act (NEPA)
 - g. Oil Industry Safety Directorate (OISD), India.

14. Other Condition

- a) Supplied Items shall be from ONGC Suggested Vendor List. Attached as Annexure A to SCC.

15. Price format

- a. Price format shall be as per GePNIC format Attached (ref Annexure BOQ)
- b. Following additional note to be added to the price format as per GePNIC BOQ (ref Annexure BOQ)
 - i. Price Bid evaluation will be done on total lump sump price for the entire SOW & SCC .
 - ii. Price validity shall be for the entire period of the contract including extension thereof if any.



TENDER No. 8P1xx for “Replacement of Acid & Alkali storage tanks in DM Plant”

ANNEXURE-III B

SCC

- iii. The rate as quoted above should be inclusive of all items of work included in the scope of work and other heads as stipulated in the tender Document. The rates are to be inclusive of all other Taxes, Duties & Levies etc. except GST.
- iv. The Bidder should quote the amount of GST, considering the applicable rate of GST included in the bid and ONGC would not undertake any responsibility whatsoever in this regard. In case the GST is not quoted explicitly in the offer, the offer will be considered as inclusive of all liabilities of GST and ONGC will not entertain any future claim in respect of GST against such offers.
- v. Change in law shall be governed based on the prices quoted in the table above with respect to the rates of GST

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by KARAN SINGH
Date: 2025.01.17
11:24:58 +05'30'

SANDEEP KALE Digitally signed
by SANDEEP
KALE
Date: 2025.01.17
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	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	GENERAL
			Page : 1 of 132	

SUGGESTED VENDORS LIST

**Office of CGM-HD,
Onshore Engineering Services
OIL AND NATURAL GAS CORPORATION LIMITED
INDIA**

2nd Floor, Tower-B, Deendayal Urja Bhawan

Vasant Kunj, New Delhi-110070

19th March 2024

Prepared by Team vendor cell and approved by Head Design

**Note: “All approved vendors in Offshore Engineering Service,
Mumbai of ONGC are also eligible for Onshore Projects”**

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	GENERAL
			Page : 2 of 132	

INDEX		
1	MECHANICAL/PROCESS	3
2	PIPING	43
3	INSTRUMENTATION	62
4	ELECTRICAL	93
5	PIPELINE	118
6	CIVIL	124
7	GENERAL	128

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 3 of 132	

MECHANICAL/ PROCESS

The Vendor appearing in Suggested Vendor List for particular category shall have freedom to get the vessel fabricated, under their supervision, from any ASME approved fabricator with U-stamp with specific prior approval of ONGC. However, the responsibilities of quality/workmanship etc. shall lie with the original listed vendor and accordingly Mechanical & Process Guarantee of such vessel shall be provided by the original listed vendor.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 4 of 132	

S. No.	EQUIPMENT		INDIGENOUS / FOREIGN	REMARKS
1	HDPE TANK			
	M/s	SINTEX		
	M/s	BHAVI PLAST PVT. LTD., MUMBAI		
	M/s	PRANITA ENTERPRISES, MUMBAI (or Any Other BIS Approved Make)		
2	STRAINER (FAB/ CAST/ FORGED)			
	M/s	J.N. MARSHAL & CO.		
	M/s	OTOKLIN FILTERS OF INDIA LTD.		
	M/s	GREAVES COTTON & CO.		
	M/s	MAZDA POWER ENGINEERS		
	M/s	VARALL ENGINEERS		
	M/s	UDKAM PROCESS EQUIPMENT INDIA PVT LTD		1. Dia upto 18 inch NB, Class 150#, Fabricated type 2. Dia upto 10 inch NB, Class 600#, Fabricated type
3	CS PLATE			
	M/s	TISCO		
	M/s	SAIL		
	M/s	JINDAL STEEL		
	M/s	ESSAR STEEL		
4	FIRE FIGHTING SYSTEM			
	M/s	MATHER & PLATT FIRE SYSTEMS LTD.		
	M/s	VIJAY FIRE PROTECTION SYSTEM LTD.		
	M/s	VIMAL FIRE CONTROL PVT. LTD.		
	M/s	NITIN FIRE PROTECTION INDUSTRIES LTD.		
	M/s	STEELAGE INDUSTRIES LTD.		
	M/s	NEW AGE FIRE FIGHTING CO. LTD, SURENDRANAGAR	For HVLR (Remote and Manual) for up to 4000 GPM	
	M/s	FIRETECH EQUIPMENT & SYSTEMS PVT. LTD., MUMBAI	Only for Foam Chamber and Foam Maker.	
	M/s	HD FIRE PROTECT PVT. LTD.	UL listed/FM approved Water cum Foam Monitors . Water Monitors Foam Equipment/Foam systemItems.	
	M/s	SHAH BHOGILAL JETHALAL & BROS	Water cum Foam Monitor(UL Listed), Water Monitor, Medium Expansion Foam Generator (UL Listed),	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 5 of 132	

			Long Range Monitor (HVLR) up to 2000 GPM UL listed Remote Controlled monitors up to 2000 GPM UL listed Fire hose accessories and hydrant system including landing valves, Foam Equipment/Foam system Items.	
	M/s	NEW AGE FIRE PROTECTION INDUSTRIES PRIVATE LIMITED, MUMBAI	Hydrant (Branch Pipe, Delivery Hose, Landing valves, Fire Hose Accessories) and Monitor (Water Monitor 3-8" 500-4000(GPM) UL & BIS , Water Cum Foam Monitor/HVLR 3-8" 500-4000(GPM) UL & BIS, self-Induction/JRCP Fixed/Variable))	
5	ROTARY POSITIVE DISPLACEMENT PUMP			
	M/s	ALLWEILER INDIA PVT LTD,DAMAN		
	M/s	ROTO PUMPS PVT. LTD, DELHI		
	M/s	MAAG		
	M/s	ALBANY		
	M/s	VIKING		
	M/s	HAYWARD TAYLER		
	M/s	SHOTHERT & PITT		
	M/s	SEEPEX GmbH, GERMANY (Through Seepex India Pvt Ltd)		
	M/s	Borger GmbH, Germany		
6	PUMP-ROTARY.SCREW			
	M/s	NETZCH TECHNOLOGIES INDIA PVT LTD	INDIA	UP TO 20 M3 /HR AND 12 KG/CM2 PR
	M/s	ALEKTON ENGG INDUSTRIES PVT LIMITED	INDIA	
	M/s	ROTO PUMPS PVT LTD	INDIA	
	M/s	TUSHACO PUMPS LTD	INDIA	
	M/s	UT PUMPS & SYSTEMS PVT LTD	INDIA	
	M/s	ALLWEILER AG	FOREIGN	
	M/s	BORNMANN PUMPEN	FOREIGN	NOT FOR TRIPLE SCREW PUMP
	M/s	FLOWERVE CORPORATION (FORMERLY I571)	FOREIGN	
	M/s	IMO AB.	FOREIGN	
	M/s	IMO INDUSTRIES INC (USA)	FOREIGN	
	M/s	LEISTRITZ AG	FOREIGN	
	M/s	PLENTY MIRRORLESS PUMPS	FOREIGN	
	M/s	POMPE VERGANI SPA	FOREIGN	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 6 of 132	

	M/s	WARREN PUMPS INC	FOREIGN	ONLY FOR TWIN SCREW TYPE
	M/s	ALEKTON ENGG INDUSTRIES PVT LTD	FOREIGN	UPTO 36CU.MTR/HR AT 40KG/CM2 PR. AND 100 DEG TEMP
	M/s	ROTO PUMP LTD	FOREIGN	SINGLE AND TWIN SCREW PUMPS
	M/s	TUSHACO PUMP PVT LTD	FOREIGN	
	M/s	UT PUMPS AND SYSTEMS PVT LTD	FOREIGN	UPTO 75 KW
7	PRESSURE FILTER			
	M/s	ION EXCHANGE, INDIA		
	M/s	ARUDRA, INDIA		
	M/s	LARSEN AND TOUBRO LIMITED, MUMBAI		
	M/s	GEO MILLER & COMPANY PVT. LIMITED, INDIA		
	M/s	HINDUSTAN DORR OLIVER, INDIA		
	M/s	PARAMOUNT POLLUTION CONTROL LIMITED, INDIA		
	M/s	THERMAX, INDIA		
	M/s	IAEC, INDIA		
	M/s	DRIPLEX, INDIA		
8	CARTRIDGE TYPE FILTER			
	M/s	MULTITEX FILTRATION, NEW DELHI		
	M/s	OTOKLIN FILTERS, MUMBAI		
	M/s	FITTECH PHARMALAB PVT. LIMITED, NEW DELHI		
	M/s	SUPER FLO FILTERS, MUMBAI		
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		
	M/s	FILTRATION ENGINEERING (I) PVT LTD	INDIGENOUS	CS/SS FABRICATED UPTO 6"
	M/s	GUJARAT OTOFILT	INDIGENOUS	MOC: CS/SS
	M/s	PALL INDIA PVT LTD	INDIGENOUS	
	M/s	PETROMAR ENGEERED SOLN.P LTD-FORM.R166	INDIGENOUS	UPTO 20MM THICK
	M/s	ULTRAFILTER (INDIA) PVT LTD	INDIGENOUS	
	M/s	FAUDI GMBH	FOREIGN	
	M/s	FILTREX S.R.L.	FOREIGN	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 7 of 132	

	M/s	FORAIN S.R.L.	FOREIGN	
	M/s	JFC CORPORATION	FOREIGN	
	M/s	PECO FACET	FOREIGN	
	M/s	PLENTY FILTERS	FOREIGN	
	M/s	INDCON PROJECTS & EQUIPMENT LTD, NEW DELHI	INDIGENOUS	
9	FILTER SEPARATOR			
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		
	M/s	MULTITEX FILTRATION ENGINEERS LTD	INDIGENOUS	
	M/s	PETROMAR ENGEERED SOLN.P LTD-FORM.R166	INDIGENOUS	
	M/s	FAUDI GMBH	FOREIGN	
	M/s	FORAIN S.R.L.	FOREIGN	
	M/s	PECO FACET	FOREIGN	
	M/s	PLENTY FILTERS	FOREIGN	
	M/s	PEERLESS MFG. CO., USA (Through Peerless Process Systems Pvt Ltd India)	FOREIGN	
10	FILTER-BASKET			
	M/s	FILTRATION ENGINEERING PVT LTD	INDIGENOUS	MOC OF SHELL: CS/SS CAST AND FABRICATED. INLET NOZZLE SIZE 28"
	M/s	FLASH POINT EQUIPMWNTS PVT LTD	INDIGENOUS	1. INLET NOZZLE SIZE UPTO 8", RATING UPTO 300#, 2. SIZE UPTO 24", RATING 150#, MOC OF SHELL: CS
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		
	M/s	GUJARAT OTOFILT	INDIGENOUS	MOC OF SHELL: CS/SS
	M/s	MULTITEX FILTRATION ENGINEERS LTD	INDIGENOUS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 8 of 132	

	M/s	PETROMAR ENGINEERED SOLN.P LTD-FORM.R166	INDIGENOUS	CS/SS, INHOUSE BENDING /ROLLING THICKNESS UPTO 20MM
	M/s	FILTREX S.R.L	FOREIGN	
	M/s	FLUID ENGINEERING	FOREIGN	
11	QUICK OPENING CLOSURE (FILTER/SEPARATOR)			
	M/s	MULTITEX FILTRATION ENGINEERS LTD	INDIGENOUS	BAND LOCK TYPE, UPTO 42" AND 900#
	M/s	GD ENGINEERING	INDIGENOUS	
	M/s	PECO FACET	INDIGENOUS	
12	PUMP CENTRIFUGAL			
	M/s	ITT CORPORATION INDIA PVT. LTD., VADODARA		GPP & GWS
	M/s	KISHORE PUMPS, PUNE	INDIA	GPP & GWS
	M/s	SU MOTORS PVT LTD	INDIA	GPP & GWS
	M/s	KIRLOSKAR BROTHERS LTD	INDIA	GPP, GWS & LCWS
	M/s	ARAI PUMP MANUFACTURING COMPANY LTD	FOREIGN	GPP, SPP & MULTI STAGE SPP
	M/s	RUHRPUMPEN INDIA PVT. LIMITED	INDIA	GPP, SPP, GWS & MULTI STAGE SPP
	M/s	AKAY INDUSTRIES, HUBLI	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	BHARAT PUMPS & COMPRESSORS LTD	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	CLYDE UNION LIMITED	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	DMW CORPORATION(JAPAN)	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	EBARA CORPORATION (JAPAN)	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	FLOWSERVE (THOMPSONS KELLY & LEWIS PTY LTD)	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	FLOWSERVE CORPORATION	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 9 of 132	

	M/s	FLOWSERVE INDIA CONTROLS (P) LTD PUMP DIVISION	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	GOULDS PUMPS INC	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	KIRLOSKAR EBARA PUMPS LTD	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	KSB AKTIENGESSELLSCHAFT	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	KSB PUMPS LTD (POONA)	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	MATHER AND PLATT, PUNE	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	RUHRPUMPEN GMBH (FORMERLY THYSSENT 509)	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	SHIN NIPPON MACHINERY CO LTD	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	SULZER PUMPEN DEUTSCHLAND GMBH	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	SULZER PUMPS (US) INC	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	SULZER PUMPS INDIA LIMITED	INDIA	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	WEIR GABBIONETA	FOREIGN	GPP, SPP, GWS, LCWS & MULTI STAGE SPP
	M/s	BEACON WEIR LIMITED	INDIA	GWS & LCWS
	M/s	JYOTI LIMITED	INDIA	GWS & LCWS
	M/s	FLOWMORE LIMITED	INDIA	GWS
	M/s	WPIL LTD (CAPACITY WITH MAX POWER RATING 500 KW AND MAX HEAD 200 m)	INDIA	GWS
	M/s	DMW Corporation India Pvt Limited	INDIA	SPP
	M/s	WEIR MINERALS NETHERLANDS BV	FOREIGN	SPP
	M/s	NUOVO PIGNONE SPA (ITALY)	FOREIGN	MULTI STAGE SPP

NOTE: GPP - General Purpose Pump, SPP - Special Purpose Pump, GWS - General Water Services, LCWS – Large Capacity Water Services.

13	Deleted	Refer Product Sl. No. 12
14	Deleted	Refer Product Sl. No. 12

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 10 of 132	

15	<i>Deleted</i>		<i>Refer Product Sl. No. 12</i>	
16	<i>Deleted</i>		<i>Refer Product Sl. No. 12</i>	
17	MAIN INJECTION/ MAIN OIL LINE PUMPS			
	M/s	FUJI ELECTRIC, JAPAN		
	M/s	MATHER PLATT, UK		
	M/s	LOHER AG, GERMANY		
	M/s	ANSALDO, ITALY		
	M/s	PARSON PEEBLES, UK		
	M/s	SIEMENS, GERMANY		
	M/s	WEIR PUMPS		
	M/s	EBARA PUMP		
	M/s	POMPES GUINARD		
	M/s	DAVID BROWN		
	M/s	SULZER PUMPS (INDIA) LTD.		
	M/s	DMW CORPORATION, JAPAN		
18	RECIPROCATING DOSING /METERING PUMPS			
	M/s	MILTON ROY INTERNATIONAL		
	M/s	BRAN & LUEBBE, GERMANY		
	M/s	LEWA, GERMANY		
	M/s	NIKKISO, JAPAN		
	M/s	DOSAPRO, FRANCE		
	M/s	WALLACE & TIEMAN, UK		
	M/s	PERONI POMPE SPA,		
	M/s	MATZ PUMPS, AHMEDABAD		
	M/s	SWELORE ENGG. (P) LIMITED, AHMEDABAD		
	M/s	V.K. PUMPS INDUSTRIES, MUMBAI		
	M/s	GREAVES COTTON & CO. LIMITED, NEW DELHI		
	M/s	SHAPOTOOLS, MUMBAI		
	M/s	METACHEM, MUMBAI		
	M/s	ASIA LMI PVT LIMITED, MADRAS		
	M/s	UNION, USA		
	M/s	WILLIAM INSTRUMENT CO. INC		
	M/s	ALFA LAVAL		
	M/s	NUOVO PIGANONE, UK.		
	M/s	OFFICINE MECCANICHE GALLARATESI, ITALY		
	M/s	POSITIVE METERING PUMPS(I) PVT LTD,NASHIK		
19	PUMP-RECIPRO (API 675, PLUNGER/DIAPHRAGM)			

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 11 of 132	

	M/s	ACCUDYNE INDUSTRIES INDIA PRIVATE LIMITED, CHENAGALPATTU		
	M/s	SHAPOTOOLS	INDIA	
	M/s	SWELORE ENGG. (P) LTD	INDIA	
	M/s	V.K. PUMPS INDUSTRIES	INDIA	
	M/s	ALLDOS SOSIERTECHNIK GMBH	FOREIGN	
	M/s	BRAN + LUEBBE LTD	FOREIGN	
	M/s	DOSAPRO MILTON ROY	FOREIGN	
	M/s	FLOWERVE CORPORATION	FOREIGN	
	M/s	NIKKISO CO LTD	FOREIGN	
	M/s	ORLITA GMBH & CO KG	FOREIGN	
	M/s	PERONI POMPE SPA	FOREIGN	
	M/s	PULSA FEEDER (UNIT OF INDEX CORP)	FOREIGN	
	M/s	WEIR MINERALS NETHERLANDS BV	FOREIGN	
	M/s	WILLIAMS INSTRUMENT COMPANY INC	FOREIGN	
	M/s	WANNER ENGINEERING INC, USA	FOREIGN	
20	CHEMICAL STORAGE & DOSING SYSTEM			
	M/s	ACCUDYNE INDUSTRIES INDIA PRIVATE LIMITED, CHENAGALPATTU		
	M/s	NIKKISO, JAPAN		
	M/s	CED PROJECT LTD., BUCKINGHAM SHINE UK		
	M/s	BRAN & LUEBBE (GB) LTD. UK		
	M/s	KAY INTERNATIONAL		
	M/s	OSWAL INFRASTRUCTURE LIMITED, GANDHI NAGAR (GUJARAT)		
21	DOSING PACKAGE (SKID MOUNTED)			
	M/s	ENPRO INDUSTRIES PVT LTD	INDIA	PRESSURE UPTO 200KG/CM2,CAPACITY-0.1 TO 3000LPM
	M/s	ACCUDYNE INDUSTRIES INDIA PRIVATE LIMITED, CHENAGALPATTU		
	M/s	SWELORE ENGG. (P) LTD	INDIA	
	M/s	V.K.PUMPS INDUSTRIES	INDIA	
	M/s	PETRONASH FZE	FOREIGN	
	M/s	KUPPS & SACHS INDIA PVT. LIMITED, CHENNAI.	INDIA	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 12 of 132	

	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI		
22		FIRE WATER PUMP- As Per NFPA-20 GUIDELINE		
	M/s	WEIR PUMPS		
	M/s	POMPES GUINARD		
	M/s	FLUID POWER		
	M/s	PEERLESS PUMPS		
	M/s	INGERSOLL RAND		
	M/s	WORTHINGTON PUMPS		
	M/s	THOMPSON PUMPS		
	M/s	KSB PUMPS		
	M/s	EBARA CORPORATION		
	M/s	SPP		
	M/s	MATHER AND PLATT		
	M/s	FLOWMORE LTD		
	M/s	KIRLOSKAR BROTHERS LIMITED		Up to 1000 m3/hr
23		SCREW AIR COMPRESSOR		
	M/s	TIDE AIR		
	M/s	ATLAS CAPCO		
	M/s	WORTHINGTON TURBODYNE		
	M/s	NORWALK		
	M/s	COMPARE		
	M/s	INGERSOLL RAND		
	M/s	ELGI		
	M/s	KIRLOSKAR PNEUMATICS		
	M/s	AIRPACK		
	M/s	BELLIES		
	M/s	KOBE STEEL LTD		
	M/s	HOWDEN PROCESS COMPRESSORS		
	M/s	NEUMAN & ESSAR		
	M/s	AERZENER		
	M/s	ATLAS COPCO CREPELLE		
	M/s	DRESSER-RAND		
24		RECIPROCATING AIR COMPRESSOR		
	M/s	INGERSOLL RAND		
	M/s	KIRLOSKAR PNEUMATICS CO.,		
	M/s	ELGI.		
	M/s	CONSOLIDATED PNEUMATICS TOOL CO. (I) LTD.		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 13 of 132	

	M/s	BHARAT PUMPS & COMPRESSORS LTD.,		
	M/s	ATLAS COPCO		
	M/s	BURCKHARDT COMPRESSION (INDIA) PVT LTD	INDIA	
	M/s	DRESSER RAND INDIA PVT LTD	INDIA	UPTO 1800 KW
	M/s	ANDREAS HOFER HOCHDRUCKTECHNIK GMBH	FOREIGN	FOR H2S ALSO
	M/s	BURCKHARDT COMPRESSIN AG	FOREIGN	
	M/s	DRESSER RAND COMPANY	FOREIGN	
	M/s	KOBE STEEL LTD	FOREIGN	
	M/s	LEOBERSDORFER MASCHINENFABRIK AG (LMF)	FOREIGN	
	M/s	NEUMAN & ESSER USA INC	FOREIGN	
	M/s	NUOVO PIGNONE SPA (ITALY) (GE OILCO.)	FOREIGN	
	M/s	PETER BROTHERHOOD LTD (DRESSER RAND CO)	FOREIGN	FOR H2S ALSO
25	COMP.HIGH PRESSURE (Plant & Instrument Air service)			
	M/s	LEOBERSDORFER MASCHINENFABRIK AG (LMF)	INDIA	
	M/s	SIAD MACCHINE IMPINTI SPA	INDIA	
26	AIR DRYER			
	M/s	CHEMINNERS		
	M/s	CLEAN AIR		
	M/s	DEL AIR INDIA PVT. LTD.		
	M/s	MIRCH MIREX		
	M/s	INDCON PROJECTS & EQUIPMENT LTD., NEW DELHI		
27	DRIER-AIR/GAS			
	M/s	CICB-CHEMICON	INDIGENOUS	
	M/s	DELAIR INDIA PVT LTD	INDIGENOUS	
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI	INDIGENOUS	
	M/s	LLOYDS STEEL INDUSTRIES LTD	INDIGENOUS	
	M/s	SUMMITS HYGRONICS PVT LTD	INDIGENOUS	
	M/s	TRIDENT PNEUMATIC PVT LTD	INDIGENOUS	
	M/s	ULTRAFILTER (INDIA) PVT LTD	INDIGENOUS	
28	RECIPROCATING HYDROCARBON GAS COMPRESSORS			

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 14 of 132	

	M/s	BPCL, NAINI		
	M/s	CATERPILLAR		
	M/s	COOPER ENGINEERING SERVICES, OHIO		
	M/s	ENERFLEX LTD., CANADA		
	M/s	INGERSOLL RAND, INDIA		
	M/s	HANOVER COMPRESSORS CO., USA		
	M/s	KIRLOSKAR PNEUMATICS.		
	M/s	STEWART & STEVENSON, HONGKONG		
	M/s	WEATHERFORD GLOBAL COMPRESSION SERVICES, TULSA		
	M/s	BURCKHARDT COMPRESSION (INDIA) PVT LTD	INDIA	
	M/s	DRESSER RAND INDIA PVT LTD	INDIA	
	M/s	ANDREAS HOFER HOCHDRUCKTECHNIK GMBH	FOREIGN	FOR H2S ALSO
	M/s	ATLAS COPCO CREPELLE	FOREIGN	
	M/s	BURCKHARDT COMPRESSIN AG	FOREIGN	
	M/s	DRESSER RAND COMPANY	FOREIGN	
	M/s	HOWDEN BC COMPRESSORS	FOREIGN	
	M/s	HOWDEN THOMASSEN COMPRESSORS (HOWDEN GROUPE)	FOREIGN	FOR H2S ALSO
	M/s	IHI CORPORATION	FOREIGN	
	M/s	KOBE STEEL LTD	FOREIGN	
	M/s	LEOBERSDORFER MASCHINENFABRIK AG (LMF)	FOREIGN	
	M/s	NEUMAN & ESSER USA INC	FOREIGN	
	M/s	NUOVO PIGNONE SPA (ITALY) (GE OILCO.)	FOREIGN	FOR H2S ALSO
	M/s	PETER BROTHERHOOD LTD (DRESSER RAND CO)	FOREIGN	FOR H2S ALSO
	M/s	ARIEL CORPORATION U.S.A	FOREIGN	
29	BLOWER			
	M/s	SWAN PNEUMATIC		
	M/s	KAY INTERNATIONAL		
30	HOT/ EOT CRANE			
	M/S	SIMPLICITY PROJECT PVT LTD, NEW DELHI.		
	M/s	ARMSEL MHE PVT LTD.		HOT HAND operated, EOT

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 15 of 132	

				)safe area, hazardous area
	M/s	AVON CRANES PVT., LTD.		
	M/s	EDDY CRANES ENGINEERS PVT. LTD.		<i>HOT HAND operated, EOT (safe area, hazardous area)</i>
	M/s	SAYAJI IRON & ENGINEERING CO. PVT. LTD.		
	M/s	BATLIBOI AND COMPANY		
	M/s	HERCULES HOIST LTD.		
	M/s	KALINGA ENGINEERS LIMITED		
	M/s	KHANDELWAL, MUMBAI		
	M/s	LIFTING EQUIPMENT ACCESSORIES		
	M/s	PULLEYING AND LIFTING MACHINE		
	M/s	SIKKA INTER PLANT SYSTEMS LTD.		
	M/s	STEELLA'S EQUIPMENT PVT. LTD. CHENNAI		
	M/s	TAK MACHINERY AND LEASING LIMITED		
	M/s	TRACTEL TIRFOR INDIA PVT. LTD.		
	M/s	W.H. BRADY.		
	M/s	GRIP ENGINEERS PVT LTD	INDIGENOUS	<i>HOT HAND operated, EOT (safe area, hazardous area)</i>
	M/s	MEEKA MACHINERY PVT LTD	INDIGENOUS	<i>HOT HAND operated, EOT (safe area, hazardous area)</i>
	M/s	SAFEX ELECTROMECH PVT LTD	INDIGENOUS	<i>HOT HAND operated, EOT (safe area, hazardous area)</i>
	M/s	ANUPAM INDUSTRIES LIMITED (ANAND)	INDIGENOUS	<i>E.O.T (SAFE AREA)</i>
	M/s	CONSOLIDATED HOISTS PVT LTD	INDIGENOUS	<i>E.O.T (SAFE AREA)</i>

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 16 of 132	

	M/s	FURNACE AND FOUNDRY EQUIPMENT CO.	INDIGENOUS	E.O.T (SAFE AREA, hazardous area)
	M/s	HEAVY ENGINEERING CORPOTION LTD	INDIGENOUS	E.O.T (SAFE AREA)
	M/s	TATA STEEL GROWTH SHOP	INDIGENOUS	E.O.T (SAFE AREA)
	M/s	WMI CRANE LIMITED	INDIGENOUS	E.O.T (SAFE AREA)
	M/s	STAHL CRANE SYSTEMS GMBH	FOREIGN	E.O.T (SAFE AREA)
	M/s	SAFEX ENERGY PVT LIMITED	INDIGENOUS	E.O.T (SAFE AREA)
	M/s	M/s TECHNO INDUSTRIES,AHMEDABAD		
31	CHAIN PULLEY BLOCK			
	M/s	Simplicity Projects Pvt Ltd, New Delhi.		
	M/s	INGERSOLL RAND USA.		
	M/s	BEEBE INTERNATIONAL INC USA.		
	M/s	DRESSER USA		
	M/s	AJMERA INDIA.		
	M/s	KITO JAPAN.		
	M/s	AIR DYNE UK		
	M/s	J BARNSLEY UK		
	M/s	ANSEL JONES UK		
	M/s	HERCULES HOISTS LTD	INDIGENOUS	APPD FOR SPARK PROOF ALSO UPTO 20 MT
	M/s	TRACTEL TIRFOR (I) PVT LTD	INDIGENOUS	
	M/s	W.H.BRADY & CO.LTD	INDIGENOUS	
32	FLARE STACK			
	M/s	ADOR WELDING LTD.		
	M/s	AIROIL FLARE GAS (INDIA) LTD.		
	M/s	COMBUSTION TECHNOLOGIES, PUNE		
	M/s	ITAS		
	M/s	KALDAIR		
	M/s	SAMIA		
	M/s	CALLIDUS TECHNOLOGIES, USA		
	M/s	HAMWORTHY COMBUSTION ENGINEERING SRL	FOREIGN	
	M/s	JOHN ZINK INTERNATIONAL LUXEMBOURG SARL	FOREIGN	
	M/s	NAO ONC	FOREIGN	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 17 of 132	

	M/s	ZEECO INC	FOREIGN	
	M/s	EUROPEM NV	FOREIGN	
	M/s	PT KOTAMINYAK INTERNUSA , JAKARTA, INDONESIA	FOREIGN	
33	PRESSURE VESSELS AND SHOP FABRICATED TANK			
	M/s	BHPV, VIZAG		
	M/s	THERMAX, PUNE		
	M/s	INDIA TUBE MILLS, MUMBAI		
	M/s	INDUS ENGG. CO., MUMBAI		
	M/s	MISTRY PRABHUDAS MANJI, MUMBAI		
	M/s	NEWTON ENGG., VADODARA		
	M/s	PATEL FILTER, AHMEDABAD		
	M/s	ANUP, AHMEDABAD		
	M/s	G.R. ENGINEERING, MUMBAI		
	M/s	LARSON AND TOUBRO, HAZIRA		
	M/s	ISGEC, YAMUNA NAGAR		
	M/s	S.V.TANKS AND VESSELS, Mumbai		
	M/s	KILBURN, MUMBAI		
	M/s	R.D ENGINEERS MUMBAI		
	M/s	A K ENTERPRISES KOLHAPUR		
	M/s	SHREE SATYANARAYANA INDUSTRIAL SUPPLIERS PVT LTD, AMBERNATH, MUMBAI		
	M/s	NUBERG ENGG. LIMITED, NOIDA		
34	VESSELS- ASME "U" CODE STAMPED			
	M/s	L & T, HAZIRA/ PAWAI INDIA.		
	M/s	R.D.ENGINEERS, MUMBAI INDIA		
	M/s	KILBURN ENGG.LTD, MUMBAI, INDIA		
	M/s	BHEL, TRICHY, INDIA		
	M/s	MIS SHARJAH.		
	M/s	GMMOS DUBAI		
	M/s	SUNGJIN KOREA		
	M/s	FAI, SPA, BERGAMO		
	M/s	INDCON PROJECTS & EQUIPMENT LTD., NEW DELHI		
	M/s	MULTITEX FILTRATION ENGINEERS LTD. NEW DELHI		
	M/s	BGR ENERGY SYSTEMS LIMITED, CHENNAI		ENLISTMENT FOR CARBON STEEL
	M/s	M/S GMM PFAUDLER LTD, KARAMSAD		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 18 of 132	

				VESSEL UPTO 18 mm SHELL THICKNESS
35	PRESSURE VESSEL-(CARBON STEEL)			
	M/s	DAEKYUNG TECHNOS CO LTD (SOUTH KOREA)	FOREIGN	*Category-(2), (3) & (4)
	M/s	DOOSAN ENGINEERING & CONSTN.CO.LTD	FOREIGN	*Category-(2), (3) & (4)
	M/s	FBM HUDSON ITALIANA S.P.A	FOREIGN	*Category-(2), (3) & (4)
	M/s	ISGEC (A UNIT OF SARASWATI INDL.SYND.)	INDIGENOUS	*Category-(2), (3) & (4)
	M/s	KNM PROCESS SYSTEMS SDN BHD	FOREIGN	*Category-(2), (3) & (4)
	M/s	LARSEN & TOUBRO LTD	INDIGENOUS	*Category-(2), (3) & (4)
	M/s	OFMECO SPA	FOREIGN	*Category-(2), (3) & (4)
	M/s	ROLLE S.P.A.	FOREIGN	*Category-(2), (3) & (4)
	M/s	SUNGJIN GEOTECHCO LTD	FOREIGN	*Category-(2), (3) & (4)
	M/s	HITACHI ZOSEN COORPORATION	FOREIGN	*Category-(2), (3) & (4)
	M/s	DAEBONG ACROTEC CO.LTD	FOREIGN	*Category-(2) & (3)
	M/s	DAEKYUNG MACHINERY & ENGINEERING CO.LTD	FOREIGN	*Category-(2) & (3)
	M/s	KCP LIMITED	INDIGENOUS	*Category-(2) & (3)
	M/s	IHI CORPORATION	FOREIGN	*Category-(3) & (4)
	M/s	OFFCINE LUIGI RESTA SPA	FOREIGN	*Category-(3) & (4)
	M/s	ESSAR HEAVY ENGINEERING SERVICES	INDIGENOUS	*Category-(1), (2), (3) & (4)
	M/s	GODREJ & BOYCE MFG.CO.LTD.	INDIGENOUS	*Category-(1), (2), (3) & (4)
	M/s	GR ENGINEERIN PRIVATE LTD (TARAPORE)	INDIGENOUS	*Category-(1), (2), (3) & (4)
	M/s	ALSTOM PROJECTS INDIA LIMITED	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	BHEL (HARIDWAR)	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	BHPV	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	HINDUSTAN DORR-OLIVER LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	INDIA TUBE MILLS & METAL INDIA LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	INDUS PROJECTS LIMITED	INDIGENOUS	*Category-(1), (2) & (3)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 19 of 132	

	M/s	LLOYDS STEEL INDUSTRIES LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	NUBERG ENGG. LIMITED, NOIDA		*Category-(1), (2) & (3)
	M/s	PATELS AIRTEMP (INDIA) LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	PHILS HEAVY ENGINEERING PVT LIMITED	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	PRECISION EQUIPMENTS (CHENNAI) PVT LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	TECHNO PROCESS EQUIPMENTS (INDIA) LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	VIJAY TANKS & VESSELS PVT LTD	INDIGENOUS	*Category-(1), (2) & (3)
	M/s	ADOR WELDING LIMITED, PUNE		*Category-(1)
	M/s	AERO ENGINEERS	INDIGENOUS	*Category-(1)
	M/s	ALFA LAVAL INDIA LTD	INDIGENOUS	*Category-(1)
	M/s	BENGAL TOOLS LIMITED	INDIGENOUS	*Category-(1)
	M/s	CICB-CHMICON	INDIGENOUS	*Category-(1)
	M/s	FACT ENGINEERING WORKS	INDIGENOUS	*Category-(1)
	M/s	FURNACE FABRICA (INDIA) LIMITED	INDIGENOUS	*Category-(1)
	M/s	JINDAL STEEL & POWER LTD	INDIGENOUS	*Category-(1)
	M/s	LOYAL EQUIPMENT PVT LTD	INDIGENOUS	*Category-(1)
	M/s	MCNALLY SAYAJI ENGINEERING LTD	INDIGENOUS	*Category-(1)
	M/s	MULTI MAX ENGINEERING WORKS PVT LTD	INDIGENOUS	*Category-(1)
	M/s	NEWTON ENGG & CHEMICALS	INDIGENOUS	*Category-(1)
	M/s	NOVATECH PROJECTS INDIA PVT LTD	INDIGENOUS	*Category-(1)
	M/s	OSWAL INFRASTRUCTURE LIMITED, GANDHINAGAR (GUJARAT) Under 'U' Stamp Category.	INDEGENOUS	*Category-(1)
	M/s	PROGEN SYSTEMS & TECHNOLOGIES LTD	INDIGENOUS	*Category-(1)
	M/s	RELIANCE FABRICATIONS PVT LTD	INDIGENOUS	*Category-(1)
	M/s	REYNOLDS CHEMEQUIP PVT LTD	INDIGENOUS	*Category-(1)
	M/s	TEAMCO HITECH ENGINEERING LTD	INDIGENOUS	*Category-(1)
	M/s	TECHNIP KT INDIA LTD (FORMERLY KTI LTD)	INDIGENOUS	*Category-(1)
	M/s	UNIQUE CHEMOPLANT EQUIPMENTS	INDIGENOUS	*Category-(1)
	M/s	UNIVERSAL HEAT EXCHANGERS LTD	INDIGENOUS	*Category-(1)
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	BHEL (BHOPAL)	INDIGENOUS	*Category-(1) & (2)
	M/s	BUILDWORTH LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	EXPO GAS CONTAINERS LTD	INDIGENOUS	*Category-(1) & (2)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 20 of 132	

	M/s	FAB-TECH WORKS & CONSTN. PVT.LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GANSONS LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GEECY ENGINEERING PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GEMINI ENGI-FAB LIMITED, VALSAD, GUJARAT		*Category-(1) & (2)
	M/s	GMM PFAUDLER LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GRAND PRIX ENGINEERING PVT LTD. DELHI	INDIGENOUS	*Category-(1) & (2)
	M/s	GRASIM INDUSTRIES	INDIGENOUS	*Category-(1) & (2)
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI	INDIGENOUS	*Category-(1) & (2)
	M/s	INDUSTRIAL MANUFACTURERS	INDIGENOUS	*Category-(1) & (2)
	M/s	ISHAN EQUIPMENTS PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	MEENAKSHI ASSOCIATES PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	MULTITEX FILTRATION ENGINEERS LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	NEW FIELD INDUSTRIAL EQUIPMENT PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	NILE LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	ORIENTAL MANUFACTURERS PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	PRABHA STEEL INDUSTRIES	INDIGENOUS	*Category-(1) & (2)
	M/s	R.D. ENGINEERS (INDIA) PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	RAJ ENGINEERING COMPANY	INDIGENOUS	*Category-(1) & (2)
	M/s	SAURASHTRA ENGINEERING CORPN PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	SHARP TANKS & STRUCTURALS (P) LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	SPETECH PLANT EQUIPMENT PVT LTD (SURAT)	INDIGENOUS	*Category-(1) & (2)
	M/s	UNITED HEAT TRANSFER PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	CRYOSTAR TANKS AND VESSELS PVT. LTD., GREATER NOIDA	INDIGENOUS	*Category-(1)
	M/s	MEGHA ENGINEERING & INFRASTRUCTURES LTD		upto 60mm thickness
	M/s	UDKAM PROCESS EQUIPMENT INDIA PVT LTD,GREATER NOIDA	INDIGENOUS	Category-(1)-upto 16 mm
	M/s	S. MARK OIL FIELD ENGINEERING PVT LTD,AHMEDABAD	INDIGENOUS	Category-(1)-upto 25 mm

NOTE: *Category (i) = (Up to 25 mm), *Category (ii) = (From 26 mm to 50 mm),
*Category (iii) = (From 51 mm to 100 mm), *Category (iv) = (>100 mm).

36	Deleted		Refer Product Sl. No. 35	
37	Deleted		Refer Product Sl. No. 35	
38	Deleted		Refer Product Sl. No. 35	
39	PRESSURE VESSEL – (STAINLESS STEEL)			
	M/s	AERO ENGINEERS	INDIGENOUS	*Category-(1)
	M/s	ALFA LEVAL INDIA LTD	INDIGENOUS	*Category-(1)
	M/s	ALSTOM PROJECTS INDIA LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	BENGAL TOOLS LIMITED	INDIGENOUS	*Category-(1)
	M/s	BHEL (BHOPAL)	INDIGENOUS	*Category-(1) & (2)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 21 of 132	

	M/s	BHEL (HARIDWAR)	INDIGENOUS	*Category-(1) & (2)
	M/s	BHPV	INDIGENOUS	*Category-(1) & (2)
	M/s	DAEBONG ACROTEC CO.LTD	FOREIGN	*Category-(1) & (2)
	M/s	DAEKYUNG MACHINERY & ENGINEERING CO.LTD	FOREIGN	*Category-(1) & (2)
	M/s	DAEKYUNG TECHNOS CO LTD (SOUTH KOREA)	FOREIGN	*Category-(1) & (2)
	M/s	ESSAR HEAVY ENGINEERING SERVICES	INDIGENOUS	*Category-(1) & (2)
	M/s	EXPO GAS CONTAINERS LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GANSONS LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GEECY ENGINEERING PVT LTD	INDIGENOUS	*Category-(1)
	M/s	GEMINI ENGI-FAB LIMITED, VALSAD, GUJARAT		*Category-(1) & (2)
	M/s	GMM PFAUDLER LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	GODREJ & BOYCE MFG.CO.LTD.	INDIGENOUS	*Category-(1) & (2)
	M/s	GR ENGINEERING PRIVATE LTD (TARAPORE)	INDIGENOUS	*Category-(1) & (2)
	M/s	HINDUSTAN DORR-OLIVER LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	HITACHI ZOSEN COORPORATION	FOREIGN	*Category-(1) & (2)
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI	INDIGENOUS	*Category-(1)
	M/s	INDIA TUBE MILLS & METAL INDIA LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	INDUS PROJECTS LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	INDUSTRIAL MANUFACTURERS	INDIGENOUS	*Category-(1) & (2)
	M/s	ISGEC (A UNIT OF SARASWTI IND (SYND)	INDIGENOUS	*Category-(1) & (2)
	M/s	ISHAN EQUIPMENTS PVT LTD	INDIGENOUS	*Category-(1)
	M/s	KCP LIMITED	INDIGENOUS	*Category-(2)
	M/s	KNM PROCESS SYSTEMS SDN BHD	FOREIGN	*Category-(1) & (2)
	M/s	LARSEN & TOUBRO LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	LLOYDS STEEL INDUSTRIES LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	MEENAKSHI ASSOCIATES PVT LTD	INDIGENOUS	*Category-(1)
	M/s	MULTIMAX FILTRATION ENGINEERS LTD	INDIGENOUS	*Category-(1)
	M/s	NEW FIELD INDUSTRIAL EQUIPMENT PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	NEWTON ENGG & CHMICALS	INDIGENOUS	*Category-(1)
	M/s	NILE LIMITED	INDIGENOUS	*Category-(1) & (2)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 22 of 132	

	M/s	NOVATECH PROJECTS INDIA PVT LTD	INDIGENOUS	*Category-(1)
	M/s	NUBERG ENGG. LIMITED, NOIDA		*Category-(1) & (2)
	M/s	PATELS AIRTEMP (INDIA) LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	PHILS HEAVY ENGINEERING PVT LIMITED	INDIGENOUS	*Category-(1) & (2)
	M/s	PRECISION EQUIPMENTS (CHEENAI) PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	R.D. ENGINEERS (INDIA) PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	RAJ ENGINEERING COMPANY	INDIGENOUS	*Category-(1)
	M/s	RELIANCE FABRICATIONS PVT LTD	INDIGENOUS	*Category-(1)
	M/s	REYNOLDS CHEMEQUIP PVT LTD	INDIGENOUS	*Category-(1)
	M/s	ROLLE. S.P.A.	FOREIGN	*Category-(1) & (2)
	M/s	SHARP TANKS & STRUCTURALS (P) LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	SPARKON ENGINEERS	INDIGENOUS	*Category-(1)
	M/s	SUNGJIN GEOTECHCO LTD	FOREIGN	*Category-(1) & (2)
	M/s	TEAMCO HITECH ENGINEERING LTD	INDIGENOUS	*Category-(1)
	M/s	TECHNIP KT INDIA LTD (FORMERLY KTI LTD)	INDIGENOUS	*Category-(1)
	M/s	TECHNO PROCESS EQUIPMENTS (INDIA) LTD	INDIGENOUS	*Category-(1)
	M/s	UNIVERSAL HEAT EXCHANGERS LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	VIJAY TANKS & VESSELS PVT LTD	INDIGENOUS	*Category-(1) & (2)
	M/s	WELDERS NV	FOREIGN	*Category-(1) & (2)
	M/s	MEGHA ENGINEERING & INFRASTRUCTURES LTD		*Category-(1) & (2)

NOTE: *Category (i) = (Up to 25 mm), *Category (ii) = (From 26 mm to 50 mm).

40	Deleted		Refer Product Sl. No. 39	
41	STAINLESS STEEL CLAD VESSEL			
	M/s	ABB- ABL		
	M/s	ANUP		
	M/s	BHEL, TRICHY		
	M/s	BHPV, VIZAG		
	M/s	GR ENGINEERING, BANGALORE		
	M/s	GODREJ, MUMBAI		
	M/s	ISGEC, YAMUNA NAGAR		
	M/s	LARSEN AND TOUBRO, HAZIRA / POWAI		
	M/s	LLOYDS STEEL INDUSTRIES, MUMBAI		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 23 of 132	

	M/s	WALCHAND ABNAGAR INDUSTRIES		
	M/s	GEMINI ENGI-FAB LIMITED, VALSAD, GUJARAT		
42	PAINT			
	M/s	ASIAN PAINT		
	M/s	BERGER PAINT		
	M/s	GOODLAS NEROLAC		
	M/s	JOHNSON NICHOLSON		
	M/s	SHALIMAR		
	M/s	MUMBAI PAINT		
	M/s	ICI PAINT		
	M/s	NE PAINT UDYOG		
	M/s	JOTUN COATINGS, NORWAY		
	M/s	JOTUN INDIA PVT. LTD		
	M/s	HEMPEL PAINTS INDIA PVT. LTD., MUMBAI		
43	MIXER AND AGITATOR			
	M/s	MACNEIL AND MAGOR, MUMBAI		
	M/s	MIXRITE CORPORATION, MUMBAI		
	M/s	STANDARD ENGINEER, MUMBAI		
	M/s	REMI, MUMBAI		
44	RECIPROCATING PUMP(API 674)			
	M/s	BPCL, NAINI, ALLAHABAD		
	M/s	DAVID BROWN		
	M/s	PERONI POMPE SPA, ITALY		
	M/s	WEATHERFORD, HOUSTON, TEXAS, USA		
	M/s	NATIONAL OIL WELL VARCO,LP USA		
	M/s	DMW CORPORATION, JAPAN		
	M/s	GOMA ENGINEERING PVT LTD. THANE		
	M/s	HIRONISHA SYSTEM PVT LTD , AHMEDABAD	INDIAN	UPTO 20 M3/HR AND 100 KG PRESSURE
	M/s	DAWSON DOWNIE LAMONT LTD	FOREIGN	STEAM DRIVEN
	M/s	FLOWERVE CORPORATION	FOREIGN	
	M/s	NIKKISO CO LTD (NIKKISO K.K.)	FOREIGN	
	M/s	WEIR MINERALS NETHERLANDS BV	FOREIGN	NOT FOR PLUNGER TYPE
45	PUMP-AIR OPERATED DIAPHRAGM			

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 24 of 132	

	M/s	HI-LIFE MANUFACTURING CO.	INDIA	FLOW RANGE UPTO 45 CU.M/HR
	M/s	MONIBA ANAND ELECTRICALS PVT LTD	INDIA	
46	AIR FLOATATION UNIT (DAF)			
	M/s	PV, HOLLAND		
	M/s	WEMCO, UK		
	M/s	CECA, FRANCE		
	M/s	ENVIREX, USA		
	M/s	MONOSCAP INC., USA		
	M/s	SKIMOVEX, HOLLAND		
	M/s	ENGINEERING SPECIALITIES INC., USA		
	M/s	ADEC ENGINEERING, USA		
	M/s	K-PACK INTERNATIONAL		
	M/s	ESMIL WATER SYSTEMS LIMITED		
	M/s	PETROLITE		
	M/s	PARAMOUNT POLLUTION CONTROL LIMITED, BARODA		
	M/s	TRIVENI ENGINEERING, NEW DELHI		
	M/s	HINDUSTAN DORR OLIVER, INDIA		
	M/s	GEO MILLER INDIA		
	M/s	VOLTAS, INDIA		
47	PLATE INTERCEPTOR			
	M/s	JOHN BROWN, UK		
	M/s	NIJHUIS, HOLLAND		
	M/s	WEMCO. UK		
	M/s	CECA, FRANCE		
	M/s	P V, HOLLAND		
	M/s	UTB, SWITZERLAND		
	M/s	LANCY INTERNATIONAL, USA		
	M/s	ENGINEERING SPECIALITIES INC., USA		
	M/s	PEILKENROD, UK		
	M/s	HYDE, UK		
	M/s	SKIMOVEX, HOLLAND		
	M/s	ADEC ENGINEERING, USA		
	M/s	KROFTA ENGINEERING, USA		
	M/s	K-PACK INTERNATIONAL		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 25 of 132	

	M/s	PARAMOUNT POLLUTION CONTROL LIMITED, BARODA		
	M/s	TRIVENI ENGINEERING, NEW DELHI		
	M/s	K-PACK SYSTEMS PVT LTD		
48	CENTRIFUGE			
	M/s	PANNWALT, INDIA		
	M/s	ALFA-LAVAL, INDIA		
	M/s	MBE Coal & Mineral Technology India Pvt. Ltd		
49	OIL SKIMMER (DRUM / DISC TYPE)			
	M/s	BP AGENCIES (INDIA) LTD.,		
	M/s	CECA, FRANCE		
	M/s	DISCOIL, ITALY		
	M/s	LIGHTNIN, USA		
	M/s	SKIMOVEX, HOLLAND		
	M/s	ENGINEERING SPECIALITIES INC, USA		
50	OIL SKIMMER (SLOTTED PIPE TYPE)			
	M/s	HINDUSTAN DORR OLIVER, INDIA		
	M/s	LIGHTNIN, USA		
	M/s	GEOMILLER, INDIA		
	M/s	VOLTAS, INDIA		
	M/s	ENVIREX, USA		
51	CLARIFIER/ CLARIFLOCCULATOR			
	M/s	HINDUSTAN DORR OLIVER, INDIA		
	M/s	GEOMILLER, INDIA		
	M/s	EIMCO KCP, INDIA		
	M/s	PARAMOUNT, INDIA		
	M/s	VOLTAS, INDIA		
	M/s	NAVBHARAT ENVIROTECH, INDIA		
	M/s	KEC, INDIA		
52	SURFACE AERATOR			
	M/s	HINDUSTAN DORR OLIVER, INDIA		
	M/s	VOLTAS, INDIA		
	M/s	PARAMOUNT, INDIA		
	M/s	GEOMILLER, INDIA		
	M/s	EIMCO KCP, INDIA		
	M/s	POLUTECH LTD., INDIA (FOR FLOATING TYPE)		
	M/s	HE (HYLIC)		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 26 of 132	

	M/s	BIOTEC ENVIROCARE SYSTEMS PVT. LTD		
53	DG SET			
	M/s	BHEL, BHOPAL, INDIA		
	M/s	DIESEL LOCOMOTIVE WORKS		
	M/s	GARDEN REACH SHIPBUILDERS & ENGRS LTD.		
	M/s	GREAVES LTD.		UPTO 285KVA
	M/s	JEEVAN DIESELS AND ELECTRICALS LIMITED.		UPTO 1250 KVA
	M/s	KIRLOSKAR OIL ENGINES LIMITED		
	M/s	MAN B&W DIESEL LTD		
	M/s	NISHIBA ELECTRIC CO LTD		
	M/s	TIL LIMITED (SAHIBABAD WORKS))		UPTO 10 – 1000 KVA
	M/s	TRADING ENGINEERS (INTER NATIONAL) LTD		UPTO 1250 KVA
	M/s	WARTSILA INDIA LIMITED		
	M/s	GREAVES COTTON	INDIA	UPTO 500 KVA
	M/s	JAKSON LIMITED	INDIA	UPTO 2000 KVA
	M/s	POWERICA LTD	INDIA	UPTO 1500 KVA
	M/s	SUDHIR GENSETS LTD	INDIA	15 TO 1250 KVA
	M/s	Wartsila Finland Oy	Foreign	
53A	GAS ENGINES FOR GEN SET APPLICATION			
		GE Jenbacher, Austria	Foreign	
		Caterpillar, USA	Foreign	
		Caterpillar Energy Solution Gmbh (formerly MWM Gmbh) for Gas Engine Capacity upto 4300 KW (ISO) Rating.	Foreign	
		Wartsila Finland OY	Foreign	
53B	GAS ENGINES FOR COMPRESSOR DRIVE			
		Caterpillar, USA	Foreign	
		WAKESHA, USA	Foreign	
If the offered model is having higher capacity than indicated Kw against Engine Vendor, Gas Engine Vendor to furnish the proven track record (PTR) of the offered model as per the EQD Criteria and format enclosed along with the Gas Engine specification during detailed engineering. The acceptance of the model will be evaluated further based on the satisfactory track record and user certificates to be furnished by the bidder.				
54	UTILITY GENERATOR - C. ENGINE SUPPLIER AND PACKAGER			
	M/s	STEWART AND STEVENSON, USA		
	M/s	GEEKE MOTOREN, NETHERLANDS		
	M/s	CATERPILLAR, USA		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 27 of 132	

	M/s	KATO, USA		
	M/s	RUSTON DIESEL , USA		
	M/s	WAUKESHA PEARCE IND. INC , USA		
	M/s	CUMMINS, USA		
	M/s	DETROIT DIESEL, USA		
	M/s	REGON EQUIPMENT CO., USA		
55		<i>DIESEL ENGINE (Including Prime mover for Fire water pump)</i>		
	M/s	DIESEL LOCOMOTIVE WORKS	INDIA	UPTO 2600HP
	M/s	GREAVES COTTON	INDIA	UPTO 450 KW
	M/s	KIRLOSKAR OIL ENGINES LTD	INDIA	2200 TO 7200 HP
	M/s	WARTSILA INDIA LTD	INDIA	
	M/S	WARTSILA FRANCE S.A.S	FOREIGN	
	M/s	CUMMINS INDIA LTD	INDIA	
	M/s	CATERPILLAR INDIA LTD	INDIA	
56		SEPARATORS (OIL & GAS)		
	M/s	NATCO, USA		
	M/s	KVAERNER PROCESS SYSTEM (AKER-KVAERNER GROUP)		
	M/s	BURGESS – MANNING INC., USA		
	M/s	KOCH – GLITSCH LP, USA		
	M/s	GASTECH, USA		
		OGSP CUTTER PROCESS SOLUTIONS INDIA PVT. LTD., NEW DELHI		
	M/s	FABRICATION SHALL BE CARRIED OUT BY M/S INDCON PROJECTS & EQUIPMENT LTD. WHO SHALL BE RESPONSIBLE FOR FABRICATION, QA/QC AND THE CERTIFICATIONS LIKE ASME AND U & R STAMP.		
	M/s	MULTITEX FILTERATION ENGRS LTD.		
		LAKSEL EPS TECHNOLOGIES PTE LTD., SINGAPORE		
	M/s	Fabrication shall be carried out by M/s Hupseng (HSOEL), Singapore who shall be responsible for fabrication, QA/QC and the certifications like ASME and U & R stamp.		
	M/s	MACKENZIE HYDROCARBONS PTY., AUSTRALIA		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 28 of 132	

	M/s	GRAND PRIX ENGG. PVT. LTD. DELHI		
	M/s	DYNA-THERM CORPORATION	INDIGENOUS	
	M/s	BGR ENERGY SYSTEMS LIMITED, CHENNAI		INTERNAL DIAMETER IN CASE OF 3 PHASE SEPARATOR IS
	M/s	PROCESS GROUP INTERNATIONAL LTD., ABU DHABI		
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW		
	M/s	OSWAL INFRASTRUCTURE LIMITED, AHMEDABAD		
	M/s	S. MARK OIL FIELD ENGINEERING PVT LTD, AHMEDABAD		
NOTE: Above vendors shall provide overall guarantee (including Process & Mechanical guarantee) for the vessel. The fabrication shall be carried out by the specific sub-vendor, if mentioned. If sub-vendor is not mentioned, fabrication can be carried out through ASME authorised fabricator. Sub-vendor details shall be submitted for approval of the company.				
57	TRETIARY SEPARATOR			
	M/s	BELCO TECHNOLOGIES CORPORATION	INDIGENOUS	
58	HEATER TREATERS & BATH HEATERS			
	M/s	NATCO – USA		
	M/s	JOHN PICKLE –USA		
	M/s	JOY INDUSTRIES – USA		
	M/s	MACKENZIE HYDROCARBONS – AUSTRALIA		
	M/s	GASTECH – USA (for Heater Treater only)		
	M/s	OGSP CUTTER PROCESS SOLUTIONS INDIA PVT. LTD., NEW		
	M/s	MULTITEX FILTRATION ENGRS LTD. (for bath heater only)		
	M/s	BGR Energy Systems Ltd		Bath Heater only
	M/s	Novargi Industries S.L		Bath Heater only
	M/s	GRAND PRIX ENGG. PVT. LTD. DELHI		Bath Heater only
	M/s	AMR PROCESS INC, CANADA (for heater treater only)		Heater Treater only
	M/s	PROCESS GROUP INTERNATIONAL LTD., ABU DHABI		
	M/s	INDCON PROJECTS& EQUIPMENT LTD. , NEW DELHI		For Bath Heater only
	M/s	S.MARK OIL FIELD ENGINEERING PVT. LTD. , AHMEDABAD		For Bath Heater only

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 29 of 132	

	NOTE : Above vendors shall provide overall guarantee (including Process & Mechanical guarantee) for the vessel. The fabrication can be carried out through ASME authorised fabricator. Sub-vendor details shall be submitted for approval of the company.			
59	HEAT EXCHANGER			
	M/s	ANUP ENGINEERING LIMITED (THE GANSON LIMITED)		
	M/s	GEECY ENGINEERS PVT LTD		
	M/s	LLOYDS STEEL INDUSTRIES LIMITED		
	M/s	PATELS AIRTEMP (INDIA) LTD		
	M/s	PRABHA STEEL INDUSTRIES		
	M/s	PRECISION EQUIPMENT (CHENNAI) PVT LTD.		
	M/s	REYNOLDS CHEMEQUIP PVT. LTD.		
	M/s	TECHNO PROCESS EQUIPMENT (INDIA) LTD.		
	M/s	TITANIUM EQUIPMENT & ANODE MANUFACTURES		
	M/s	UNIVERSAL HEAT EXCHANGERS LTD.		
	M/s	WALCHAND NAGAR INDUSTRIES LTD.		
	M/s	L&T		
	M/s	BHPV, VISAKHAPATNAM		
	M/s	NUBERG ENGINEERING LTD (CS SHELL AND TUBE HEAT EXCHANGER)		
60	HEAT EXCHANGER CARBON STEEL			
	M/s	AERO ENGINEERS	INDIGENOUS	
	M/s	ALFA LEVAL INDIA LTD	INDIGENOUS	
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	
	M/s	BENGAL TOOLS LIMITED	INDIGENOUS	
	M/s	BHEL (HARIDWAR)	INDIGENOUS	
	M/s	BHEL (HYDERABAD)	INDIGENOUS	
	M/s	BHPV (BHOPAL)	INDIGENOUS	
	M/s	BHPV	INDIGENOUS	
	M/s	BUILDWORTH LIMITED	INDIGENOUS	
	M/s	CICB-CHEMICON	INDIGENOUS	
	M/s	ESSAR HEAVY ENGINEERING SERVICES	INDIGENOUS	
	M/s	EXPO GAS CONTAINERS LTD	INDIGENOUS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 30 of 132	

	M/s	GANSONS LTD	INDIGENOUS	
	M/s	GMM PFAUDLER LTD	INDIGENOUS	
	M/s	GODREJ & BOYCE MFG.CO.LTD.	INDIGENOUS	
	M/s	GR ENGINEERING PRIVATE LTD (TARAPORE)	INDIGENOUS	
	M/s	HINDUSTAN DORR-OLIVER LTD	INDIGENOUS	
	M/s	INDCON PROJECTS & EQUIPMENTS LTD. NEW DELHI	INDIGENOUS	
	M/s	INDIA TUBE MILLS & METAL INDIA LTD	INDIGENOUS	
	M/s	INDUS PROJECTS LIMITED	INDIGENOUS	
	M/s	INDUSTRIAL MANUFACTURERS	INDIGENOUS	
	M/s	ISGEC (A UNIT OF SARASWTI INDL (SYND)	INDIGENOUS	
	M/s	MEENAKSHI ASSOCIATES PVT LTD	INDIGENOUS	
	M/s	MULTIMAX ENGINEERING WORKS PVT LTD	INDIGENOUS	
	M/s	NEW FIELD INDUSTRIAL EQUIPMENT PVT LTD	INDIGENOUS	
	M/s	NEWTON ENGG & CHMICALS	INDIGENOUS	
	M/s	ORIENTAL MANUFACTURERS PVT LTD	INDIGENOUS	
	M/s	PHILS HEAVY ENGINEERING PVT LIMITED	INDIGENOUS	
	M/s	R.D. ENGINEERS (INDIA) PVT LTD	INDIGENOUS	
	M/s	RAJ ENGINEERING COMPANY	INDIGENOUS	
	M/s	TEAMCO HITECH ENGINEERING LTD	INDIGENOUS	
	M/s	DAEBONG ACROTEC CO.LTD	FOREIGN	
	M/s	DAEKYUNG MACHINERY & ENGINEERING CO .LTD	FOREIGN	
	M/s	DAEKYUNG TECHNOS CO LTD (SOUTH KOREA)	FOREIGN	
	M/s	DOOSAN ENGINEERING & CONSTN .CO .LTD	FOREIGN	
	M/s	FEM HUDSON ITALIANA S.P.A.	FOREIGN	
	M/s	HANTECH LIMITED	FOREIGN	
	M/s	OFMECO SPA	FOREIGN	
	M/s	ROLLE S.P.A.	FOREIGN	
	M/s	SUNGJIN GEOTECHCO LTD	FOREIGN	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 31 of 132	

	M/s	GEMINI ENGI-FAB LIMITED, VALSAD, GUJARAT		
61	HEAT EXCHANGER STAINLESS STEEL			
	M/s	AERO ENGINEERS	INDIGENOUS	
	M/s	ALFA LEVAL INDIA LTD	INDIGENOUS	
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	
	M/s	BENGAL TOOLS LIMITED	INDIGENOUS	
	M/s	BHEL (HARIDWAR)	INDIGENOUS	
	M/s	BHPV (BHOPAL)	INDIGENOUS	
	M/s	BHPV	INDIGENOUS	
	M/s	CICB-CHEMICON	INDIGENOUS	
	M/s	ESSAR HEAVY ENGINEERING SERVICES	INDIGENOUS	
	M/s	GANSONS LTD	INDIGENOUS	
	M/s	GMM PFAUDLER LTD	INDIGENOUS	
	M/s	GODREJ & BOYCE MFG.CO.LTD.	INDIGENOUS	
	M/s	GR ENGINEERING PRIVATE LTD (TARAPORE)	INDIGENOUS	
	M/s	HINDUSTAN DORR-OLIVER LTD	INDIGENOUS	
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI	INDIGENOUS	
	M/s	INDIA TUBE MILLS & METAL INDIA LTD	INDIGENOUS	
	M/s	INDUS PROJECTS LIMITED	INDIGENOUS	
	M/s	INDUSTRIAL MANUFACTURES	INDIGENOUS	
	M/s	ISGEC (A UNIT OF SARASWTI INDL (SYND)	INDIGENOUS	
	M/s	MEENAKSHI ASSOCIATES PVT LTD	INDIGENOUS	
	M/s	NEW FIELD INDUSTRIAL EQUIPMENT PVT LTD	INDIGENOUS	
	M/s	NEWTON ENGG & CHEMICALS	INDIGENOUS	
	M/s	ORIENTAL MANUFACTURERS PVT LTD	INDIGENOUS	
	M/s	PHILS HEAVY ENGINEERING PVT LIMITED	INDIGENOUS	
	M/s	R.D. ENGINEERS (INDIA) PVT LTD	INDIGENOUS	
	M/s	TEAMCO HITECH ENGINEERING LTD	INDIGENOUS	
	M/s	TEMA INDIA LTD	INDIGENOUS	
	M/s	DAEBONG ACROTEC CO.LTD	FOREIGN	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 32 of 132	

	M/s	<i>DAEKYUNG MACHINERY & ENGINEERING CO .LTD</i>	<i>FOREIGN</i>	
	M/s	<i>DAEKYUNG TECHNOS CO LTD (SOUTH KOREA)</i>	<i>FOREIGN</i>	
	M/s	<i>DOOSAN ENGINEERING & CONSTN .CO .LTD</i>	<i>FOREIGN</i>	
	M/s	<i>FEM HUDSON ITALIANA S.P.A.</i>	<i>FOREIGN</i>	
	M/s	<i>HANTHCH LIMITED</i>	<i>FOREIGN</i>	
	M/s	<i>OFMECO SPA</i>	<i>FOREIGN</i>	
	M/s	<i>ROLLE S.P.A.</i>	<i>FOREIGN</i>	
	M/s	<i>SUNGJIN GEOTECHCO LTD</i>	<i>FOREIGN</i>	
	M/s	GEMINI ENGI-FAB LIMITED, VALSAD, GUJARAT		
	M/s	UNIQUE CHEMOPLANT EQUIPMENTS, MUMBAI		
62	HEAT EXCHANGERS-SHELL-TUBE TEMA CODE			
	M/s	BHPV, VISAKHAPATNAM		
	M/s	EBM – HUDSON, ITALY		
	M/s	IMB (INDUSTRIE MECCHANIE DE BANGNALO SPA) , ITALY		
	M/s	NUOVO PIGNONE SPA, ITALY		
	M/s	OLMI SPA, ITALY		
	M/s	HHI, KOREA		
	M/s	BELLELI ENERGY SRL, ITALY		
	M/s	L&T		
	M/s	KAVERY		
	M/s	BELCH ENERGY, SRL		
	M/s	GEI HAMON INDUSTRIES LTD, BHOPAL (FOR GAS COOLERS)		
	M/s	FAI, SPA, BERGAMO		
	M/s	BUKIT FRASER THERMAL TECHNOLOGY SDN BHD, MALAYSIA		
	M/s	GODREJ & BOYCE MFG. CO. LTD		
	M/s	GR ENGINEERING WORKS, BANGALORE		
	M/s	ISGEC,		
	M/s	TEMA INDIA LTD.		
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 33 of 132	

	M/s	UNIQUE CHEMOPLANT EQUIPMENTS, MUMBAI		
	M/s	GMM PFAUDLER LTD, KARAMSAD		
63	PNEUMATIC PUMPS			
	M/s	HASKEL ENERGY, USA		
	M/s	NIKKISO, JAPAN		
64	FUEL GAS CONDITIONING AND COMPRESSORS			
	M/s	PETRECO INTERNATIONAL LTD UK		
	M/s	OIL & GAS SYSTEMS LTD UK		
	M/s	INGERSOLL RAND USA.		
	M/s	CENATCO UK		
	M/s	IHI JAPAN.		
	M/s	AXSIA SERCK BAKER UK		
	M/s	ALEN PROCESS LTD UK.		
	M/s	FRAMES PROCESS SYSTEM, B.V (Fabrication facility to be approved by the Company at the time of Execution)		
	M/s	TEXAS SYSTEMS & CONTROLS, USA		
	M/s	GLOBAL PROCESS SYSTEM INC., DUBAI / MALAYSIA		
65	GAS CONDITIONING SKID			
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		
	M/s	NIRMAL INDDUSTRIAL CONTROL PVT LTD	INDIGENOUS	UPTO 20" 600ANSI CLASS
	M/s	INDCON PROJECTS AND EQUIPMENT LTD		Operating Pr. 5 Bar upto 50 Bar Flow rates: 1000 SCMD (min.) to 8 LSCMD (max.)
66	HVAC			
	M/s	TISDALE USA		
	M/s	SPECIALITY SERVICES UAE		
	M/s	DIRECT ENGINEERING SERVICES AUSTRALIA		
	M/s	ABB		
	M/s	NAMERI		
	M/s	HVAC & REFREGERATION ENGINEERING LTD., ABERDEEN, SCOTLAND		
	M/s	HI-PRES, KOREA		
67	AIR CONDITIONING SYSTEM-CENTRAL			
	M/s	BLUE STAR LTD	INDIGENOUS	RECIPROCATIN G : FREON AND AMMONIA

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 34 of 132	

	M/s	VOLTAS LIMITED	INDIGENOUS	WORKS: DADRA AND NAGAR HAVELI AND RECIPROCATING : FREON AND AMMONIA
68	AIR CONDITIONING SYSTEM-PACKAGE UNIT			
	M/s	VENDOR	INDIGENOUS/FOREIGN	REMARKS
	M/s	AIR PERFECTION	INDIGENOUS	
	M/s	BATLIBOI & CO LTD	INDIGENOUS	
	M/s	BLUE STAR LTD	INDIGENOUS	DADRA WORKS APPD UPTO 15 TONS
	M/s	VERTIV ENERGY PRIVATE LTD, THANE	INDIGENOUS	PRECISION TYPE ONLY
	M/s	ETA ENGINEERING PVT LTD	INDIGENOUS	CAPACITY: 1. DUCTABLE SPLIT UNIT-3 TO 16 TR 2. PACKAGE UNIT-5.5 TO 16 TR
	M/s	VOLTAS LIMITED	INDIGENOUS	WORKS: DADRA AND NAGAR HAVELI
69	VENTILATION & PRESSURISATION SYSTEM			
	M/s	ADVANCE VENTILATION PVT LTD	INDIGENOUS	APPLICATION-SAFE AREA
	M/s	S K SYSTEMS PVT LTD	INDIGENOUS	
	M/s	VOLTAS LIMITED	INDIGENOUS	WORKS:DADRA AND NAGAR HAVELI,1000 TO 45000CFM
70	PROCESS GAS COMPRESSOR - API 617			
	M/s	KHI , JAPAN		
	M/s	IHI, JAPAN		
	M/s	DRESSER RAND, USA		
	M/s	COOPER ENERGY SERVICES, USA		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 35 of 132	

	M/s	MAN TURBO GERMANY		
	M/s	ELLIOTT (NOW OWNED BY EBARA – JAPAN)		
	M/s	SOLAR TURBINES INC., USA		
	M/s	BHEL INDIA		
	M/s	DEMAG-DE LAVAL (SIEMENS AG, GERMANY), GERMANY		
	M/s	Hitachi Ltd, Japan		
71	GAS TURBINE- API 616			
	M/s	GENERAL ELECTRIC, USA		
	M/s	ROLLS-ROYCE, UK		
	M/s	ALSTOM, UK (SIEMENS AG, GERMANY) GERMANY		
	M/s	SOLAR TURBINES, USA		
72	TURBINE GENERATOR SET			
a.	ALTERNATORS			
	M/s	BRUSH ELECTRIC, UK		
	M/s	GENERAL ELECTRIC, USA		
	M/s	SIEMENS, GERMANY		
	M/s	ALSTOM, UK		
	M/s	FUJI ELECTRIC, JAPAN		
	M/s	TD POWER SYSTEM LIMITED,BENGALURU		
b.	GAS TURBINE			
	M/s	GENERAL ELECTRIC, USA		
	M/s	ROLLS-ROYCE, UK		
	M/s	ALSTOM, UK (SIEMENS AG, GERMANY) GERMANY		
	M/s	SOLAR TURBINES, USA		
73	AIR FIN COOLERS-(CS & SS)			
	M/s	GEA ENERGY SYSTEMS INDIA LTD.		
	M/s	GEI HAMON INDUSTRIES LTD.		
	M/s	L&T LTD.		
	M/s	NUOVO PIGNONE SPA ITALY, INDIA		
	M/s	PAHARPUR COOLING TOWERS		
	M/s	BHARAT HEAVY PLATES & VESSELS		
	M/s	BUKIT FRASER THERMAL TECHNOLOGY SDN BHD, MALAYSIA		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 36 of 132	

	M/s	BGR ENERGY SYSTEMS LIMITED (FORMRLY G120)	INDIGENOUS	
	M/s	BHEL (HYDERABAD)	INDIGENOUS	
	M/s	GEI INDUSTRIAL SYSTEMS LTD	INDIGENOUS	
	M/s	PATELS AIRTEMP (INDIA) LTD	INDIGENOUS	
	M/s	BATIGNOLLES TECHNOLOGIES THERMIQUES BTT	FOREIGN	
	M/s	BATIGNOLLES THERMAL TECH CHANGSHU CO LTD	FOREIGN	
	M/s	BOLDROCCHI SRL	FOREIGN	
	M/s	FBM HUDSON ITALIANA S.P.A.	FOREIGN	
	M/s	JORD INTERNATIONAL PTY LTD.	FOREIGN	
	M/s	S & T CORPORATION	FOREIGN	
	M/s	Enginemates Heat Transfer Pvt Ltd		
74	SILENCER			
	M/s	ACOUSTICS INDIA PVT LTD	INDIGENOUS	
	M/s	BBM ACOUSTIC INDIA PVT LTD	INDIGENOUS	
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		
	M/s	INDIRA INDUSTRIES	INDIGENOUS	
	M/s	PR ACOUSTICAL & ENGINEERRING WORKS (P) LTD	INDIGENOUS	
75	WASTE HEAT EXCHANGERS			
	M/s	L & T LTD.		
	M/s	PETRON		
	M/s	BHARAT HEAVY PLATES & VESSELS		
	M/s	TECHNIP INDIA		
	M/s	THERMAX		
	M/s	HITACHI-BABCOCK, JAPAN		
76	MEMBRANE TYPE NITROGEN GENERATOR			
	M/s	CIRMAC B.V., NETHERLANDS		
	M/s	AIR PACK, NETHERLANDS		
	M/s	PARKAR HANNIEN CORP., BALSTON		
	M/s	AIR LIQUIDE		
76 A	PSA TYPE NITROGEN GENERATOR			
	M/s	SPANTECH ENGINEER PRIVATE LIMITED, NAVI MUMBAI		
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 37 of 132	

77	NITROGEN GENERATOR PACKAGE & AIR DRYER PACKAGE			
	M/s	CIRMAC INTERNATIONAL, NETHERLANDS		
78	AIR/ HC GAS DRIVEN PUMP			
	M/s	HASKEL ENERGY, UK / HASKEL (ASIA PVT.LTD.),UK		
79	ELECTRO CHLORINATOR			
	M/s	SEVENTRENT DENORA, NETHERLANDS		
80	HYDROCYCLONE			
	M/s	AXSIA SERCK BAKER LTD., UK.		
81	CO2 SNUFFING SYSTEM			
	M/s	NEW AGE INDUSTRIES, MUMBAI		
82	DRY CHEMICAL SKID (UL LISTED)			
	M/s	ANSUL FIRE PROTECTION SYSTEM		
	M/s	SAFETY & HEALTH		
	M/s	WORMALD		
	M/s	FIRE BOSS		
	M/s	VIJAY FIRE		
	M/s	FIRE COMBAT		
	M/s	ANSUL		
83	PORTABLE FIRE EXTINGUISHERS			
	M/s	KOOVERJEE DEVSHI & COMPANY PVT. LTD		
	M/s	WORMALD FIRE ENGG.		
	M/s	HOUSTON FIRE EQUIP. CO.		
	M/s	DOOPLEY FIRE SYSTEM INC.		
	M/s	ZENETH FIRE SERVICE MUMBAI		
	M/s	MERCANTILE & MARINE SERVICE, MUMBAI		
	M/s	SAFEX FIRE SERVICES LTD.		
84	EYE WASH AND SAFETY SHOWER			
	M/s	UNICARE EMERGENCY EQUIPMENTS, MUMBAI		
	M/s	OFFSHORE CLOTHING & SUPPLIERS LTD., UK.		
	M/s	NIPPON ENCON. MFG.CO.LTD.,JAPAN.		
85	PERSONNEL PROTECTION EQUIPMENT FROM H2S EXPOSURE			

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 38 of 132	

	M/s	WORMALD FIRE ENGG., USA.		
	M/s	B DOOLEY FIRE SYSTEMS INC., USA.		
	M/s	C NOHMI FIRE SAFETY EQUIPT.CO., USA.		
	M/s	D HOUSTON FIRE SAFETY EQUIPT. CO., USA.		
	M/s	E DRAGER AKTIENGESELL SCHAFT, GERMANY		
	M/s	F AMCO, USA.		
	M/s	G NOHMI BOSAI KOGYO LTD., JAPAN		
86	COALESCER			
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		CAN SUPPLY COALESCER PACK (INTERNAL S) IN SS/FIBRE GLASS/ASPEN WOOD
	M/s	MULTITEX FILTRATION ENGINEERS LTD	INDIGENOUS	
	M/s	PETROMAR ENGINEERED SOLN.P LTD-FORM.R166	INDIGENOUS	
	M/s	JFC CORPORATION	FOREIGN	
	M/s	NATCO UK LIMITED (CAMEROUN GROUP COMPANY)	FOREIGN	
	M/s	PECO FACET	FOREIGN	
	M/s	PEERLESS MFG. CO., USA (Through Peerless Process Systems Pvt Ltd India)	FOREIGN	
	M/s	FILSEP EQUIPMENTS PVT. LTD. , VADODARA		
87	SCRUBBERS-SPRAY TYPE			
	M/s	HINDUSTAN DORR-OLIVER LTD	INDIGENOUS	
	M/s	INDUSTRIAL AIR CONTROL (I) PVT LTD	INDIGENOUS	
	M/s	THERMAX LIMITED	INDIGENOUS	
88	SCRUBBERS-VENTURI TYPE			
	M/s	HINDUSTAN DORR-OLIVER LTD	INDIGENOUS	
89	LINING (RUBBER)			
	M/s	CORI ENGINEERS PVT LTD	INDIGENOUS	APPD. FOR SITE WORK ALSO
	M/s	LATHIA RUBBER MFG CO	INDIGENOUS	
	M/s	LEBRACS RUBBER LININGS PVT LTD	INDIGENOUS	
	M/s	MIL INDUSTRIES LIMITED	INDIGENOUS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 39 of 132	

	M/s	POLY RUBBER PRODUCTS	INDIGENOUS	
	M/s	SHRI RAM RUBTECH PRIVATE LIMITED	INDIGENOUS	DIA 3M & LENGTH 5 M
	M/s	SRM EXOFLEX PVT LTD	INDIGENOUS	
	M/s	TEGA INDUSTRIES LTD	INDIGENOUS	
90	LINING-FRP (TANKS & VESSELS)			
	M/s	CARBORUNDUM UNIVERSAL LTD- PRODORITE DIVN	INDIGENOUS	
	M/s	CHEMICAL PROCESS EQPTS.PVT. LTD.	INDIGENOUS	
	M/s	DOLF INDUSTRIES	INDIGENOUS	
	M/s	EPP COMPOSITE PVT LTD	INDIGENOUS	
	M/s	FIBRO PLASTICHES (I) PVT LTD	INDIGENOUS	
	M/s	GANDHI & ASSOCIATES	INDIGENOUS	
	M/s	INDUSTRIAL SERVICES	INDIGENOUS	
	M/s	MUNDOZ CORPORATION	INDIGENOUS	
	M/s	POLY PLAST CHEMI-PLANT (I) PVT LTD	INDIGENOUS	PVC/PE/PP
	M/s	RUIA CHEMICALS P. LTD.	INDIGENOUS	UPTO 20KL CAPACITY
	M/s	SUNRISE INDUSTRIES (INDIA) LTD	INDIGENOUS	
91	LINING (PVC/PE/PP)			
	M/s	CHEMICAL PROCESS EQPTS PVT LTD	INDIGENOUS	
	M/s	DOLF INDUSTRIES	INDIGENOUS	
	M/s	GANDHI & ASSOCIATES	INDIGENOUS	
	M/s	POLY PLAST CHEMI-PLANT (I) PVT LTD	INDIGENOUS	UPTO DIA 2.5 M AND WT 10MT
	M/s	SUNRISE INDUSTRIES (INDIA) LTD	INDIGENOUS	UPTO DIA 2.5 M AND WT 10MT
92	ELECTRIC HEATER			
	M/s	ESCORTS LIMITED	INDIGENOUS	
	M/s	SANDVIK ASIA PVT LTD-KANTHAL DIVISION	INDIGENOUS	
	M/s	CHEMTEC PTE LTD	FOREIGN	
	M/s	ETIREX CHROMALOX	FOREIGN	
	M/s	KLOPPER THERM GMBH & KG	FOREIGN	
	M/s	TERMoeLECTRICA VILA, S.A	FOREIGN	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 40 of 132	

	M/s	WATLOW ELECTRIC MFG. COMPANY	FOREIGN	
93	DEMISTER-WIRE MESH TYPE			
	M/s	CONTINENTAL PROFILES LTD	INDIGENOUS	
	M/s	EVERGREEN TECHNOLOGIES PVT LTD	INDIGENOUS	
	M/s	HAVER STAND INDIA PVT LTD	INDIGENOUS	
	M/s	KOCH CHEMICAL TECH. GROUP INDIA PVT LTD	INDIGENOUS	
	M/s	PACE ENGINEERING INDUSTRIES PVT LTD	INDIGENOUS	
	M/s	MUNTERS EUROFORM GMBH	FOREIGN	
94	DEMISTER-VANE TYPE			
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI		
	M/s	KOCH CHEMICAL TECH. GROUP INDIA PVT LTD	INDIGENOUS	
	M/s	SULZER INDIA LTD	INDIGENOUS	
	M/s	MUNTERS EUROFORM GMBH	FOREIGN	
95	DISHED ENDS PRESS CARBON STEEL			
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	
	M/s	B.K.T. SPIN DISH PVT LTD	INDIGENOUS	
	M/s	DISH INDIA PVT LTD	INDIGENOUS	
	M/s	HIRALA DISHED ENDS WORKS PVT LIMITED	INDIGENOUS	
	M/s	ICEM ENGINEERING COMPANY LTD	INDIGENOUS	
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI	INDIGENOUS	
	M/s	KCP LIMITED	INDIGENOUS	
	M/s	MOTILAL DISHED-ENDS WORKS PVT LTD	INDIGENOUS	
	M/s	SATYA FABRICATORS PVT LTD	INDIGENOUS	
	M/s	STEELFIT ENGRINEERING COMPANY	INDIGENOUS	
96	DISHED ENDS PRESS STAINLESS STEEL			
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	
	M/s	DISH INDIA PVT LTD	INDIGENOUS	
	M/s	HIRALA DISHED ENDS WORKS PVT LIMITED	INDIGENOUS	
	M/s	ICEM ENGINEERING COMPANY LTD	INDIGENOUS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 41 of 132	

	M/s	MOTILAL DISHED-ENDS WORKS PVT LTD	INDIGENOUS	
	M/s	SATYA FABRICATORS PVT LTD	INDIGENOUS	
97	DISHED ENDS (SPUN)-CARBON STEEL			
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	
	M/s	B.K.T. SPIN DISH PVT LTD	INDIGENOUS	
	M/s	DYNAMIC DISH INDIA PVT LTD	INDIGENOUS	
	M/s	HIRALAL DISHED ENDS WORKS PVT LIMITED	INDIGENOUS	
	M/s	INDCON PROJECTS & EQUIPMENT LIMITED, NEW DELHI	INDIGENOUS	
	M/s	KCP LIMITED	INDIGENOUS	
	M/s	STEELFIT ENGINEERING COMPANY	INDIGENOUS	
	M/s	STEELFIT ENGRINEERING COMPANY	INDIGENOUS	
98	DISHED ENDS (SPUN) –STAINLESS STEEL			
	M/s	ANUP ENGINEERING LIMITED	INDIGENOUS	
	M/s	DYNAMIC DISH INDIA PVT LTD	INDIGENOUS	
	M/s	HIRALAL DISHED ENDS WORKS PVT LTD	INDIGENOUS	
	M/s	INDIA TANKS & VESSELS (P) LTD	INDIGENOUS	
	M/s	KCP LIMITED	INDIGENOUS	
	M/s	MOTILAL DISHED-ENDS WORKS PVT LTD	INDIGENOUS	
	M/s	STEELFIT ENGINEERING COMPANY	INDIGENOUS	
99	SECONDARY SEAL FLOATING ROOF TANK			
	M/s	SAI TOOLS	INDIGENOUS	
100	GAS DEHYDRATION UNIT			
	M/s	GASTECH USA		
	M/s	INDICON PROJECTS & EQUIPMENT LTD, NEW DELHI		
	M/s	MULTITEX FILTRATION ENGINEERS LTD., NEW DELHI	INDIGENOUS	
	M/s	OSWAL INFRASTRUCTURE LIMITED		
	M/s	REPCO S.R.L., MILANO ITALIA		
101	LOADING ARM			
	M/s	WOODFIELD SYSTEM INDIA PVT. LTD. MUMBAI	INDIGENOUS	
	M/s	STEELFAB ENGINEERING PVT. LTD PUNE	INDIGENOUS	
102	INDUCED GAS FLOATATION (IGF)			

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	MECH/PROCESS
			Page : 42 of 132	

	M/s	SPEC LTD		
	M/s	KVAERNER LTD		
	M/s	MERPRO LTD		
	M/s	AXIA LTD		
	M/s	NATCO UK LTD		
	M/s	SIEMENS		
	M/s	NATIONAL OIL WELL PTE LTD SINGAPORE		
103	NUTSHELL FILTERS (NSF)			
	M/s	FILTRA SYSTEMS LTD		
	M/s	SIEMENS		
	M/s	National Oil Well Pte Ltd Singapore		
104	SLUDGE THICKENER			
	M/s	TRIVENI ENGINEERING AND INDUSTRIES LIMITED, NOIDA UP		
105	BELT FILTER PRESS			
	M/s	TRIVENI ENGINEERING AND INDUSTRIES LIMITED, NOIDA UP		
106	CLEAN AGENT SYSTEM			
	M/s	DE's TECHNICO LTD., KOLKATA		
	M/s	NEWAGE FIRE PROTECTION ENGINEERS PRIVATE LIMITED, MUMBAI		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 43 of 132	

PIPING

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 44 of 132	

1	CS PIPE (WELDED) (1239 & 3589)		
	M/s	KHANDELWAL TUBES	Kept on ' Hold ' as the firm is dealer/stockist
	M/s	SWASTIK PIPES LTD.	
	M/s	LLOYDS METALS & ENGINEERS LTD.	
	M/s	JINDAL PIPES LIMITED	
	M/s	MUKAT PIPES LIMITED	
	M/s	RATNAMANI METALS & TUBES LTD.	
	M/s	STEEL AUTHORITY OF INDIA	
	M/s	SAW PIPES LIMITED	
	M/s	INDUS TUBE LIMITED	
	M/s	SURYA ROSHNI LTD.	
	M/s	THE TATA IRON & STEEL CO. LTD.	
	M/s	WELSPUN CORP LIMITED, MUMBAI	
	M/s	WEST COAST SAW PIPES LTD.	
	M/s	ADVANCE STEEL TUBE, LTD.,	
	M/s	BMW INDUSTRIES LTD.	
	M/s	LALIT PROFILES & STEEL INDUSTRIES LTD.	
	M/s	MAN INDUSTRIES (I) LTD.	
	M/s	MUKAT TANKS & VESSELS LTD.	
	M/s	NORTH EASTERN TUBES LTD.	
	M/s	PSL HOLDING LTD. CHENNAI	
	M/s	SRI SARBATI STEEL TUBES LTD.	
	M/s	SURENDRA ENGG. CO. PVT. LTD. (RAJPURA)	
	M/s	SURENDRA ENGG. CO. LTD. (MUMBAI)	
	M/s	T.I. ENGINEERING (DIV. OF TUBE INVEST. INDIA)	
2	CS PIPE		
	M/s	MAHALAXMI SEAMLESS	
	M/s	MAHARASHTRA SEAMLESS LTD.	
	M/s	BHEL , TRICHY	
	M/s	INDIAN SEAMLESS METAL TUBES LTD.	
	M/s	SAW PIPE LIMITED	
	M/s	KALYANI SEAMLESS METAL TUBES LTD.	
	M/s	THE TATA IRON & STEEL CO. LTD.	
	M/s	WELSPUN CORP LIMITED, MUMBAI	
	M/s	SURYA ROSHNI LTD.	
	M/s	MAN INDUSTRIES (I) LTD.	
	M/s	JINDAL PIPES, NEW DELHI, INDIA	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 45 of 132	

	M/s	NSC, JAPAN	
	M/s	mitsubishi, JAPAN	
	M/s	MGI, FRANCE	
	M/s	JR SEAMLESS PRIVATE LIMITED, TELENGANA	size of 3 inch and Sch XXS
3	S.S. PIPE		
	M/s	RAJENDRA MECHANICAL INDUSTRIES (P) LTD.	
	M/s	CHOKSI TUBE CO. LIMITED	
	M/s	NUCLEAR FUEL COMPLEX	
	M/s	RATNA MANI METAL TUBE	
	M/s	DECORA TUBES (P) LTD.	
	M/s	HEAVY METALS & TUBES LTD.	
	M/s	SAW PIPES LTD.	
	M/s	KALINDI, DELHI, INDIA	
	M/s	NFC, HYDERABAD, INDIA	
	M/s	PRODUCTOS TUBULARS SA, SPAIN	
	M/s	Shubhlaxmi Metals and Tubes Pvt Ltd – Seamless Size ¼” NB to 8” NB	
	M/s	SURAJ LIMITED, MUMBAI (Up-to 8Inch Size, Sch.-40.)	
	M/s	MAXIM TUBES COMPANY PVT. LTD., GANDHINAGAR (GUJARAT) For SS Seamless Pipes.	
	M/s	ASR MET TECH PRIVATE LTD., AHMEDABAD	
	M/s	KRYSTAL GLOBAL ENGINEERING LIMITED ,VADODARA (up to 323 MM)- For Piping application only	
	M/s	Divine Tubes Pvt Ltd	
4	RUBBER LINED PIPE		
	M/s	KRR ENGINEERS PVT. LIMITED	
	M/s	LEBRACS RUBBER LINING	
	M/s	MIL IND. LIMITED	
5	FRP / HDPE PIPE		
	M/s	BALAJI PIPES	
	M/s	STRATEGIC ENGINEERING, CHENNAI	
	M/s	PENNWALT, BARODA	
	M/s	COMPOSITE INC., MUMBAI	
	M/s	CHEMICAL PROCESS PIPING PVT. LTD., VADODARA (For Pipe and Fittings)	
	M/s	SANGIR PLASTICS PRIVATE LIMITED, MUMBAI	
6	CS AND SS PIPE FITTING		
	M/s	EBY INDUSTRIES	
	M/s	ECHJAY INDUSTRIES PVT. LIMITED	
	M/s	TEEKAY TUBES (P) LIMITED	
	M/s	STEWARTS AND LLOYDS,	
	M/s	NITIN PROFILES (P) LIMITED	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 46 of 132	

	M/s	M.S. FITTINGS MFG. CO. PVT. LTD.	
	M/s	SIDHARTH & GAUTAM ENGINEERS	
	M/s	EBY FASTENERS	
	M/s	COMMERCIAL SUPPLYING AGENCY	
	M/s	LEADERS VALVES LTD.	
	M/s	M.S. FITTINGS MFG. CO. PVT. LTD.	
	M/s	SHIVANANDA PIPE FITTINGS, CHENNAI (ONLY SEAMLESS)	
	M/s	COMMERCIAL SUPPLYING AGENCIES, MUMBAI	
	M/s	PRECISION FORGING	
	M/s	FORGED INDUSTRIAL CORP	
	M/s	TUBE PRODUCTS, BARODA	
	M/s	PIPE FIT ENGINEERS, VADODARA (FOR CS, NON-NACED BUT WELDED FITTINGS, BW ELBOWS REDUCERS/TEE/CAP	
	M/s	TUBE PRODUCTS INCORPORATE	
	M/s	SAWAN ENGINEERS	
	M/s	GUJARAT INFRA PIPES, MUMBAI,	
	M/s	ALLIED INTERNATIONAL S.R.L	
	M/s	EBY FASTENERS (SOCKET WELDED FITTINGS FOR SIZES LESS THAN 2")	
	M/s	T K CORPORATION, KOREA	
	M/s	Tube Bend Calcutta Pvt. Ltd	
	M/s	PIPEFIT ENGINEERS PVT. LIMITED, VADODARA	
	M/s	ANGGERIK LAKSANA (I) PVT. LTD, HANOLI, DIST-UNA-174301, HP	
	M/s	FitTech Industries Pvt Ltd, VASAI-401208, MAHARASTRA	
	M/s	YINGKOU LIAOHE PIPE FITTINGS CO. LTD., PR CHINA	
	M/s	PERFECTT SERVICES (MADRAS), CHENNAI- (For CS Pipe Fittings only)	
	M/s	REAL FORGE & FITTINGS, VASAI (E)	1. CS Pipe Fitting: up to size 46" and Sch XS, size up to 8" and up to XXS 2. SS Pipe Fitting: up to size 8" and Sch up to 10 S, up to size 4" and Sch up to 40 S & size up to 1.5" and Sch up to 80 S
	M/s	SHAKTI FORGE INDUSTRIES PVT LTD, GUJARAT	Up to a size 12" and up to Sch 80
	M/s	KISSAN TECHNO FORGE (P) LTD, BULANDSHAHR	1. CS pipe fittings of size upto 20" and upto Sch. 40 2. CS pipe fittings of size upto 8" and upto Sch. 120 3. CS pipe fittings of size upto 6" and upto Sch. 160
7	CS AND SS FORGED FLANGE		
	M/s	ADITYA FORGE LTD.	
	M/s	ANANDMAYEE FORGING (P) LTD.	
	M/s	PUNJAB STEEL WORKS	
	M/s	ECHJAY FORGINGS PVT. LTD.	
	M/s	GOLDEN IRON AND STEEL WORKS	
	M/s	CHOUDHURY HAMMER WORKS PVT. LTD.	
	M/s	FORGE AND FORGE PVT. LTD.	
	M/s	INDUSTRIAL FORGE & ENGG. CO. LTD.	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 47 of 132	

	M/s	JAV FORGING PVT. LTD.	
	M/s	SIDHARTH & GAUTAM ENGINEERS PVT. LTD.	
	M/s	KUNJ FORGINGS	
	M/s	METAL FORGINGS PVT. LTD.	
	M/s	UMA SHANKAR KHANDELWAL & CO.	
	M/s	STEEL & INDUSTRIAL & FORGINGS LTD.	
	M/s	AMFORGE INDUSTRIES LTD.	
	M/s	BRIDGE & ROOF CO. (I) LTD.	
	M/s	BRITEX ENGINEERING WORKS	
	M/s	CD ENGINEERING CO.	
	M/s	CD INDUSTRIES, GHAZIABAD	
	M/s	MOD FABRICATORS	
	M/s	PRADEEP METAL LTD.	
	M/s	RP ENGINEERING PVT. LTD.	
	M/s	ECHJAY INDUSTRIES, MUMBAI /RAJKOT,	
	M/s	PARAMOUNT FORGE, MUMBAI,	
	M/s	TUBE PRODUCTS INCORPORATE, VADODARA,	
	M/s	SAWAN ENGINEERS	
	M/s	LAL METAL FORGE LTD. - FOR SIZES UP TO 8" - CLASS UP TO #2500 - FOR SIZE 10" - CLASS UP TO #600 - FOR SIZE 10" TO 60" - CLASS UP TO #300	
	M/s	FITTECH INDUSTRIES PVT LTD, VASAI-401208,MAHARASTRA	
	M/s	ANGGERIK LAKSANA (I) PVT. LTD, HANOLI,DIST-UNA-174301,HP	
	M/s	REAL FORGE & FITTINGS, VASAI (E)	1. CS Forged Flanges of size up to 36" 150 class, 22" 300 Class 14" 600 Class, 4" 900 Class & 6" 1500 Class 2. SS Forged Flanges of 10" 300 Class
	M/s	SHAKTI FORGE INDUSTRIES PVT Ltd, GUJARAT	CS Flange up to a size 48" 150 class & 8" 300 class.
	M/s	JAI AUTO PRIVATE LIMITED, GHAZIABAD	
8	GATE, GLOBE & CHECK VALVE (CS AND SS)		
	M/s	L&T Valves Ltd. India	
	M/s	KSB PUMPS LTD. , COIMBATTORE	
	M/s	AUTOMECH ENGINEERS PVT. LTD.	
	M/s	AV VALVES LTD.	
	M/s	BHEL, TRICHY	
	M/s	FOURESS ENGINEERING(INDIA) PRIVATE LIMITED, MUMBAI	
	M/s	DEWRANCE & MECHNEILL LTD.	
	M/s	BDK ENGINEERING INDUSTRIES LTD.	
	M/s	NITON VALVE INDUSTRIES PVT. LTD.	
	M/s	SAKHI ENGINEERS (PVT.) LTD.	
	M/s	PRECISION ENGINEERS PVT. LTD.	
	M/s	NSSL PRIVATE LIMITED	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 48 of 132	

	M/s	STEEL STRONG VALVES (I) PVT. LTD.	
	M/s	AKSONS MECHANICAL ENTERPRISES	
	M/s	LEADER VALVES LTD.	
	M/s	OSWAL INDUSTRIES LTD.	
	M/s	PANCHVATI VALVES & FLANGES PVT. LTD.	
	M/s	PETRO CHEMICAL ENGINEERING ENTERPRISES.	
	M/s	SHALIMAR VALVES PVT. LTD.	
	M/s	TMT ENGG. INDUSTRIES LTD.	
	M/s	COOPER CAMERON VALVES, USA	
	M/s	DRESSER SPA, ITALY	
	M/s	KTM, JAPAN	
	M/s	DEUTACH AUDCO, GERMANY	
	M/s	KITZ, JAPAN	
	M/s	SERCK, AUDCO VALVES INTERNATIONAL, U.K	
	M/s	FLOW CONTROL TECHNOLOGY, FRANCE	
	M/s	CRANE, USA	
	M/s	ORBIT VALVE , UK	
	M/s	T.K.VALVES, ABU DHABI, UAE	
	M/s	OMX SPA, ITALY	
	M/s	PETROL VALVES, ITALY	
	M/s	VALVINOX, ITALY	
	M/s	UNIVERSAL SRL, ITALY	
	M/s	LVF, ITALY	
	M/s	BFE SPA, ITALY	
	M/s	SACCAP, FRANCE	
	M/s	FLOW SERVE FLOW CONTROL, GMBH GERMANY	
	M/s	GOODWIN INTERNATIONAL LIMITED, ENGLAND (Wafer Check valves only)	
	M/s	ARGUS, WEST GERMANY	
	M/s	CAMERON IRON WORKS, USA	
	M/s	FORWARD ALLOYS & CASTINGS, MUMBAI (For Check valves CS up to size 6" x 900#)	
	M/s	DOUGLUS CHERO SPA, ITALY (Up to 8" size)	
	M/s	TYCO VALVES AND CONTROLA ITALIA S.R.L	DO NOT MANUFACTURE MOV. APPLICABLE FOR –GATE VALVE (THRU CONDUIT) (API 6D)
	M/s	Z & J TECHNOLOGIES GMBH	DO NOT MANUFACTURE MOV. APPLICABLE FOR –GATE VALVE (THRU CONDUIT) (API 6D)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 49 of 132	

	M/s	HAWA ENGINEERS LTD, AHMEDABAD	- CS GATE VALVES UP TO 400 MM NB CLASS 150 - CS GATE VALVE UP TO 200 MM NB CLASS 1500 - CS CHECK VALVES UP TO 200MM NB CLASS 1500
	M/s	STAR ENGINEERS, AHMEDABAD	- GATE VALVE (CS & SS)-UP TO CLASS 600# - UP TO 18" - GLOBE VALVE (CS & SS) (a) UP TO CLASS 600# - UP TO 8", (b) UP TO CLASS 2500# -UP TO 4" - CS GATE VALVES OF UP TO 6" FOR UP TO CLASS 1500 - CS CHECK VALVES OF UP TO 4" FOR UP TO CLASS 900 - CS CHECK VALVES OF UP TO 2" FOR CLASS 1500
	M/s	GM ENGINEERING PVT LTD, RAJKOT	(1) Gate Valve: Class 150# - up to 32" (2) Gate Valve: Class 600# - up to 16" (3) Check Valve: Class 150# - up to 20" (4) Globe Valve: Class 150# - up to 14" (5) Gate, Globe & Check Valve: Class up to 800# - up to 2" (6) Globe & Check Valves: Class up to 600# - 4" (7) Gate, Globe & Check Valve: Class up to 300# - Size 6" & 8".
	M/s	NU-TECH CONTROLS, AHMEDABAD	CS GATE VALVE: 1 INCH 800#, UPTO 14 INCH 300#. CS GLOBE VALVE: 1INCH 800#, UPTO 8 INCH 150#.
	M/s	STAR ENGINEERING PVT LTD,AHEMDABAD-380023	
	M/s	PETRO VALVES PVT LTD,AHEMDABAD-382415	(FOR GLOBE AND CHECK VALVES ONLY)
	M/s	M H VALVES, PVT LTD., AHMEDABAD	
9	GATE, GLOBE & CHECK VALVE (NACE		
	M/s	SHAYBURG VALVES PRIVATE LIMITED, MUMBAI	
	M/s	SHAYBURG VALVES PRIVATE LIMITED, AHMEDABAD (Globe Valves of size 2" Class 600)	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 50 of 132	

10	BALL VALVE (CS AND SS)		
	M/s	L&T Valves Ltd. India	
	M/s	VIRGO ENGINEERS LTD.	
	M/s	FISHER XOMOX SANMAR LTD.	
	M/s	BDK ENGINEERING INDUSTRIES LTD.	
	M/s	FLOWCHEM INDUSTRIES	
	M/s	NITON VALVE INDUSTRIES PVT. LTD.	
	M/s	AUTOMECH ENGINEERS PVT. LTD.	
	M/s	MICROFINISH VALVES LTD.	
	M/s	KSB PUMPS LTD. , COIMBATTUR	
	M/s	HAWA ENGINEERS LTD, AHMEDABAD	CS BALL VALVE UP TO 100 MM NB CLASS 150
	M/s	GM ENGINEERING PVT LTD	SIZE UP TO 1 ½" - CLASS UP TO #150
	M/s	NSSL ITALIA S.R.L	1. CS Ball Valve upto 20" 1500# 2. SS Ball Valve upto 12" 1500#
	M/s	PETRO VALVES PVT LTD,AHEMDABAD-382415	
	M/s	M H VALVES, PVT LTD., AHMEDABAD	
	M/s	BELGAUM AQUA VALVES PVT. LTD, BELGAUM	1) Ball Valve (CS & SS)-Size;150# - UP TO 30" 2) Ball Valve (CS & SS)-Size;300# - UP TO 20" 3) Ball Valve (CS & SS)-Size;600# - UP TO 14" 4) Ball Valve (CS & SS)-Size;900 & 1500# -UP TO 3"
	M/s	DEMBLA VALVES LIMITED, THANE	Ball Valves (CS & SS) - 1. Size: up to 48" #150 2. Size: up to 36" #300 3. Size: up to 16" #600 4. Size: up to 12" #900 5. Size: up to 2" #1500
	M/s	PHBB VALVES PVT LTD., PUNE	(1) Ball Valve (CS)- (i) Size: Up to 20" # 600, (2) Ball Valve (CS & SS)- (i) Size: Up to 2" # 2500, (ii) Size: Up to 10" # 900,
	M/s	STAR ENGINEERS, AHMEDABAD	Ball Valve (CS only) - (a) Up to class 900# - up to 8" (b) Up to class 1500# - up to 2"
	M/s	HINA INDUSTRIES,AHMEDABAD	1- Ball valve CS upto 8" 300# 2- Ball valve SS upto 8" 150#

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 51 of 132	

11	BALL VALVE (CS NACE)		
	M/s	COOPER CAMERON VALVES, USA	
	M/s	DRESSER SPA, ITALY	
	M/s	KTM, JAPAN	
	M/s	DEUTACH, AUDCO GERMANY	
	M/s	FLOWERVE FLOW CONTROL, GMBH GERMANY	
	M/s	KITZ, JAPAN	
	M/s	SERCK AUDCO VALVES INTERNATIONAL, U.K.	
	M/s	FLOW CONTROL TECHNOLOGY, FRANCE	
	M/s	CRANE, USA	
	M/s	ORBIT VALVE, U.K.	
	M/s	T.K. VALVE, ABU DHABI, UAE	
	M/s	OMB SPA. SPAIN (upto 1.5")	
	M/s	PETROL VALVES, ITALY	
	M/s	VALVINOX, ITALY	
	M/s	UNIVERSAL SRI.NACE BALL VALVE, ITALY (4" & below)	
	M/s	LCM, ITALIA SRL, ITALY	
	M/s	MULTI VALVE TECHNOLOGY, UK	
	M/s	RAIMONDI, ITALY	
	M/s	WALTHER WEIR, SPAIN	
	M/s	NISHITANI & CO, JAPAN	
	M/s	YONEDA KOGYO CO, JAPAN	
	M/s	TRUFLO RONA S.A, BELGIUM	
	M/s	VIRGO ENGINEERS LTD., PUNE INDIA	
	M/s	ARGUS WEST, GERMANY	
	M/s	CAMERON IRON WORKS, USA	
	M/s	O.M.S. SALERI, ITALY	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT. LTD. PUNE (OFFSHORE SVL)	
	M/s	PHBB VALVES PVT LTD, PUNE	1. 600# up to 20" 2. 900# up to 10" 3. 2500# up to 12" 4. All classes below 600# up to 20"
12	BALL VALVES - CS NON-NACE		
	M/s	L&T Valves Ltd. India	
	M/s	FORWARD ALLOYS & CASTINGS, MUMBAI (upto 8"X900#)	
	M/s	VIRGO ENGINEERS LTD., PUNE	
	M/s	MICROFINISH, HUBLI	
	M/s	O.M.S. SALERI, ITALY	
	M/s	OSWAL INDUSTRIES LTD., AHMEDABAD	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT. LTD. PUNE (OFFSHORE SVL)	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 52 of 132	

13	BALL VALVES (SS NACE AND NON NACE)		
	M/s	L&T Valves Ltd. India	
	M/s	VIRGO ENGINEERS LTD., PUNE	
	M/s	VALVINOX S.R.L, ITALY	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT. LTD. PUNE (OFFSHORE SVL)	
14	BUTTERFLY VALVE		
	M/s	ALFA LAVAL SAUNDERS	
	M/s	BDK ENGINEERING INDUSTRIES LTD.	
	M/s	L&T Valves Ltd. India	
	M/s	INTERVALVE POONAWALLA LTD., PUNE	
	M/s	FOURESS ENGINEERING(INDIA) PRIVATE LIMITED, MUMBAI	
	M/s	KEYSTONE (I) PVT. LTD.	
	M/s	SEALMAT ENGINEERS.	
	M/s	LEADER VALVES LTD.	
	M/s	DEWRANCE & MECHNEILL LTD.	
	M/s	AVC ENGG. COMPANY PVT. LTD.	
	M/s	CRANE PROCESS FLOW TECHNOLOGIES LTD.	
	M/s	INSTRUMENTATION LTD. PALGHAT	
	M/s	FLOTEK INDUSTRIES,AHMEDABAD	1. Upto size 36" 150 # 2. Upto size 14" 300#
	M/s	ADVANCE VALVES PVT. LTD., GREATER NOIDA	
15	NEEDLE VALVE		
	M/s	LEADER VALVES LTD.	
	M/s	EXCELESIOR ENGINEERING WORKS.	
	M/s	SWASTIK ENGINEERING WORKS	
	M/s	TECHNOMATIC (I) PVT. LTD.	
	M/s	TMT ENGINEERING INDUSTRIES LTD.	
	M/s	VARALL ENGINEERS	
16	NEEDLE VALVES (CS NON-NACE)		
	M/s	SAKHI ENGINEERS, MUMBAI- BARODA	
	M/s	CHEMVALVES INDUSTRIES, MUMBAI	
	M/s	VALVINOX, ITALY	
	M/s	NITON VALVE INDUSTRIES PVT.LTD., MUMBAI	
17	NEEDLE VALVES (SS-NACE)		
	M/s	NITON VALVE INDUSTRIES PVT.LTD., MUMBAI	
18	HOSE PIPE (STEAM / GAS / AIR / WATER / CHEMICAL)		
	M/s	ASHIT SALES CORPORATION	
	M/s	BHARAT RUBBER UDYOG	
	M/s	COSMOPOLITE (THE)	
	M/s	CROWN RUBBER INDUSTRIES (P) LTD.	
	M/s	D. WREN INDUSTRIES PVT. LTD.	
	M/s	GAYATRI INDUSTRIES	
	M/s	JYOTI RUBBER UDYOG (I) PVT. LTD.	
	M/s	MARKWEL HOSE INDUSTRIES PVT. LTD.	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 53 of 132	

	M/s	PRESIDENCY RUBBER MILLS PVT. LTD.
	M/s	ROYAL INDIA CORPORATION (NASIK WORKS)
	M/s	SONI RUBBER PRODUCTS LTD.
	M/s	SRIDHAR RUBBER PRODUCTS PVT. LTD.
	M/s	TAURIAN TUBES
	M/s	UNIQUE RUBBER WORKS
	FW /FM REELS & UTILITY HOSE REELS-(UL/USCG/FM INDIA APPROVAL)	
	M/s	MARINE HYDRAULIC, INDIA
	M/s	ROYAL INDIA CORPORATION, MUMBAI
	M/s	DOOLEY TACKABERRY, USA
19	DIAPHRAGM VALVE (STEEL)	
	M/s	BDK MARKETING SERVICES PVT LIMITED, NEW DELHI
	M/s	INVEST VALVES PVT LIMITED, BANGALORE
20	FLANGES	
	M/s	ECHJAY INDUSTRIES, MUMBAI
	M/s	PUNJAB STEEL, NEW DELHI
	M/s	GOLDEN IRON & STEEL, NEW DELHI
	M/s	FERROUS ALLOY FORGINGS, FARIDABAD
	M/s	STEWARTS & LLOYDS, KOLKATA
	M/s	METAL FORGING PVT. LIMITED, NEW DELHI
	M/s	BHARAT FORGE, PUNE.
	M/s	PIPEFIT ENGINEERS PVT. LIMITED, VADODARA
	M/s	UTSAH ENGINEERING PVT LTD, HAPUR
	M/s	PERFECTT SERVICES (MADRAS), CHENNAI
	M/s	KISAAN STEELS PVT. LTD., GHAZIABAD
21	FLANGES - (DUPLEX SS)	
	M/s	SUMITOMO CORPORATION, JAPAN.
	M/s	SANDVIK , SWEDEN.
	M/s	COPRISIDER SPA, ITALY.
	M/s	MANNESMANN, GERMANY
	M/s	OFFICINE AMBROCIO MELESI & C.SRI, ITALY
	M/s	MGI, FRANCE
	M/s	OFFICINE NICOLA GALPERTI FIGLIO S.P.A, ITALY
	M/s	Utsah Engineering Pvt Ltd, HAPUR
22	FLANGES (C.S NACE)	
	M/s	SUMITOMO, JAPAN
	M/s	COPROSIDER SPA, ITALY
	M/s	OFFICINE NICOLA GALPERTI FIGLIO S.P.A, ITALY.
	M/s	TROUVAY & CAUVIN , FRANCE.
	M/s	MELESI , ITALY.
	M/s	OFFICINE AMBROCIO MELESI & C.SRI , ITALY

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 54 of 132	

	M/s	MGI, FRANCE	
	M/s	SCHULZ EXPORT GMBH, GERMANY	
	M/s	SPECIAL FLANGES SRL, ITALY	
	M/s	TUBE PRODUCTS INCORPORATE, INDIA	
	M/s	CHAUDHRY HAMMERS WORKS, GHAZIABAD	
	M/s	KISAAN STEELS PVT. LTD., GHAZIABAD	
23	FLANGES (SS NACE & NON NACE)		
	M/s	ECHJAY INDUSTRIES, MUMBAI	
	M/s	CHAUDHRY HAMMERS WORKS, GHAZIABAD	
	M/s	OFFICINE AMBROCIO MELESI & C.SRI, ITALY	
	M/s	TUBE PRODUCTS INCORPORATE, VADODARA, INDIA	
	M/s	OFFICINE NICOLA GALPERTI FIGLIO S.P.A, ITALY	
24	SW PIPE FITTING		
	M/s	ECHJAY INDUSTRIES PVT. LTD., MUMBAI	
	M/s	EBY, MUMBAI	
	M/s	TRUE FORGE	
	M/s	S&L	
	M/s	COMMERCIAL SUPPLY	
	M/s	M.S. FITTINGS	
	M/s	UNION TOOL	
25	BW FITTING		
	M/s	S&L	
	M/s	BHARAT FORGE	
	M/s	TRUE FORGE	
	M/s	COMMERCIAL SUPPLY	
	M/s	SIVANAND	
	M/s	EBY INDUSTRIES, MUMBAI	
	M/s	TEEKAY TUBES	
	M/s	M.S. FITTINGS	
	M/s	ALLIANCE FORGE INDUSTRIES	
26	VALVE PLUG PRESSURE BALANCED (NFS)		
	M/s	ECONO VALVES LTD(INDIGENOUS)	RATING -UPTO 6"
	M/s	HAWA VALVES (INDIA) PVT LTD(INDIGENOUS)	SIZE - UPTO 6"
	M/s	LARSEN & TOUBRO LTD(INDIGENOUS)	RATING -HAVE API-6D CERTIFICATE
	M/s	FLOWSER PTE(MFR. SERCK)(FOREIGN)	
	M/s	GALLI & CASSINA SPA(FOREIGN)	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 55 of 132	

27	VALVE PLUG PRESSURE BALANCED (FS)		
	M/s	LARSEN & TOUBRO LTD(INDIGENOUS)	HAVING API -6D CERTIFICATE
	M/s	GALLI & CASSINA SPA (FOREIGN)	
28	Plug Valve (Lubricated)		
	M/s	FLOWERVE INDIA PVT LTD,MARAIMALAI NAGAR-603209,TN	
NEW CATEGORIES FROM OFFSHORE LIST			
1	PIPE - (DUPLEX SS)		
	M/s	SUMITOMO CORPORATION, JAPAN	
	M/s	KAWASAKI, JAPAN.	
	M/s	NSC, JAPAN.	
	M/s	SANDVIK, SWEDEN	
	M/s	AVESTA, SWEDEN.	
	M/s	MANNESMANN, GERMANY.	
	M/s	NKK, JAPAN.	
	M/s	COPROSIDER SPA, ITALY	
	M/s	SCHULTZ, GERMANY	
2	FITTINGS - (DUPLEX SS)		
	M/s	SUMITOMO CORPORATION, JAPAN.	
	M/s	SANDVIK, SWEDEN.	
	M/s	SHIMODA IRON WORKS CO.LTD., JAPAN.	
	M/s	COPROSIDER SPA, ITALY.	
	M/s	MANNESMANN ROHREN , GERMANY.	
	M/s	NKK JAPAN.	
	M/s	SCHULZ EXPORT GMBH GERMANY	
	M/s	ALLIED INTERNATIONAL S.R.L ITALY	
	M/s	M.E.G.A S.P.A (FORGED FITTINGS ASTM A182 GRADE F60/F51 WITH UNS 31803 / UNS 32205) ITALY	
3	BALL VALVES (DUPLEX SS)		
	M/s	KTM, JAPAN.	
	M/s	KITZ, JAPAN.	
	M/s	DEUTSCH AUDCO ,GERMANY	
	M/s	T.K. VALVES LTD, ABUDHABI, UAE	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 56 of 132	

	M/s	PETROL VALVES, ITALY	
	M/s	DRESSER SPA , ITALY	
	M/s	FLOWERVE FLOW CONTROL GMBH, GERMANY	
	M/s	VIRGO ENGINEERS LTD.,PUNE(FOR SIZES UP TO 14" & #900 CLASS)	
	M/s	ARGUS WEST, GERMANY	
	M/s	GROVE ITALIA SPA, ITALY	
	M/s	O.M.S. SALERI, ITALY	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT. LTD. PUNE (OFFSHORE SVL)	
4	OTHER VALVES (GATE GLOBE, CHECK : DUPLEX SS)		
	M/s	KITZ, JAPAN.	
	M/s	KTM, JAPAN	
	M/s	PETROL VALVES, ITALY	
	M/s	TK VALVE LTD, ABU DHABI, UAE	
	M/s	VALVINOX., ITALY	
	M/s	WEIR MATERIAL & FOUNDARIES LTD, U.K	
	M/s	TRUFLO RONA S.A., BELGIUM	
	M/s	RONA VALVES, BELGIUM	
5	SHUTDOWN VALVES (DUPLEX SS)		
	M/s	KTM, JAPAN	
	M/s	KITZ, JAPAN	
	M/s	DEUTSCH AUDCO, GERMANY	
	M/s	FLOWERVE FLOW CONTROL GMBH, GERMANY	
	M/s	TK VALVES LTD, ABU DHABI, UAE	
	M/s	DRESSER SPA . ITALY	
	M/s	PETROL VALVES ITALY	
	M/s	ARGUS WEST GERMANY	
	M/s	GROVE ITALIA SPA ITALY	
	M/s	ROTEX MANUFACTURING & ENGINEERING Pvt Ltd,DOMBIVILI-421204,MAHARASTRA	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT. LTD. PUNE (OFFSHORE SVL)	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 57 of 132	

6	PIPE (C.S NACE)	
	M/s	SUMITOMO, JAPAN
	M/s	NKK , JAPAN
	M/s	NIPPON STEEL CORPORATION, JAPAN
	M/s	MANNESMANN, GERMANY
	M/s	MITSUBISHI, JAPAN
	M/s	DALMINE, SPA ITALY
	M/s	mitsui & CO.KAWASAKI, JAPAN
	M/s	RACCORDI FORGIATI, ITALY
	M/s	KAWASAKI, JAPAN
	M/s	OMR OFFICINE MECCANICHE, ITALY
	M/s	SCHULZ EXPORT GMBH, GERMANY
	M/s	V & M, GERMANY/FRANCE
7	FITTINGS (C.S. NACE)	
	M/s	SUMITOMO, JAPAN
	M/s	B MEGA SPA, ITALY
	M/s	GAM RECORDIE, ITALY
	M/s	RACCORDIE FORGIATI, ITALY
	M/s	FITTINOX SRL, ITALY
	M/s	OMR OFFICINE MECANICHE, ITALY
	M/s	SCHULZ EXPORT GMBH, GERMANY
	M/s	COPROSIDER SPA , ITALY
	M/s	ANGGERIK LAKSANA (I) PVT. LTD, HANOLI,DIST-UNA-174301,HP
	M/s	REAL FORGE & FITTINGS, MAHARASHTRA
		1. Size upto 36" and up to Sch XS 2. Size up to 42" and up to thickness of 14.27 mm
8	SHUTDOWN VALVES - CS NACE	
	M/s	KTM JAPAN
	M/s	COOPER CAMERON VALVES, USA
	M/s	KITZ, JAPAN
	M/s	FLOW CONTROL TECHNOLOGY, FRANCE
	M/s	CRANE, USA
	M/s	ORBIT VALVES, UK
	M/s	T.K.VALVES, ABU DHABI, UAE
	M/s	TYCO, ITALY
	M/s	PETROL VALVES, ITALY
	M/s	DRESSER ITALIA SRL.(GROVE DIVISIONS), ITALY

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 58 of 132	

	M/s	FLOWERVE FLOW CONTROL GMBH, GERMANY	
	M/s	L&T Valves Ltd. India	
	M/s	VALVINOX SRL, ITALY	
	M/s	VIRGO ENGINEERS LTD., PUNE INDIA	
	M/s	ARGUS WEST, GERMANY	
	M/s	GROVE ITALIA SPA, ITALY	
	M/s	CAMERON IRON WORKS, USA	
	M/s	ROTEX MANUFACTURING & ENGINEERING Pvt Ltd, DOMBIVILI-421204, MAHARASTRA	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT. LTD. PUNE (OFFSHORE SVL)	
9	GLOBE & CHECK VALVE (SS NACE)		
	M/s	L&T Valves Ltd. India	
	M/s	NITON VALVE INDUSTRIES PVT.LTD., MUMBAI, INDIA	
	M/s	DOUGLUS CHERO S.P.A, (UPTO 8" SIZE) ITALY	
10	GATE VALVE (SS NACE)		
	M/s	NITON VALVE INDUSTRIES PVT.LTD., INDIA	
	M/s	DOUGLUS CHERO S.P.A., ITALY	
11	PIPES (CU-NI)		
	M/s	ALCABEX METALS. INDIA	
	M/s	CUBEX TUBING, INDIA	
	M/s	LEBRONZE INDUSTRIAL, FRANCE	
	M/s	WILSON, UK	
	M/s	HAEWON INDUSTRIES CO.LTD., KOREA	
12	PIPES & FITTINGS (CU-NI)		
	M/s	YORKSHIRE IMPERIAL METAL, UK	
	M/s	LE BRONE INDUSTRIAL. FRANCE	
	M/s	DAE YUNG METAL INDUSTRIAL CO, S KOREA	
	M/s	V.D.M., GERMANY	
	M/s	SAM YANG METAL IND.CO.LTD., BUSAN, KOREA	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 59 of 132	

	M/s	HAEWON INDUSTRIES CO.LTD.,(FOR FLANGES & FITTINGS ONLY UPTO 24"), KOREA	
	M/s	KM EUROPA METAL AKTLENGESELL SCHAFT, (PIPES, FITTINGS & FLANGES), GERMANY	
	M/s	SITINDUSTRIE, ITALY	
13	BALL VALVE (ALUMINIUM BRONZE)		
	M/s	BROOKS BANK LTD, U.K	
	M/s	ORSEAL VALVES, ITALY	
	M/s	PRECISION ENGINEERING, INDIA	
	M/s	VALVINOX S.R.L , ITALY	
14	BALL/ GATE/ GLOBE/ CHECK/ NEEDLE VALVE (AL-BRONZE, LEADED-TIN BRONZE)		
	M/s	SHIPHAM VALVES, UK	
	M/s	DOUGLUS CHERO S.P.A, (GLOBE VALVE-AL BRONZE ONLY), ITALY	
15	CHECK VALVES (AL-BRONZE)		
	M/s	PRECISION ENGINEERING, INDIA	
16	TITANIUM VALVES		
	M/s	SHIPHAM VALVES	
	M/s	DOUGLUS CHERO S.P.A, (CHECK VALVES UPTO 6" SIZE). ITALY	
17	FLANGES(SD/SS INCOLOY/TITANIUM/CS)		
	M/s	OFFICINE AMBROCIO MELESI & C.SRI, ITALY	
	M/s	OFFICINE NICOLA GALPERTI FIGLIO S.P.A, ITALY	
18	BALL VALVES (INCOLLOY)		
	M/s	PETROL VALVES S.R.L, ITALY	
19	BALL VALVE (CPVC/PVC)		
	M/s	GEORGE FISCHER, SWITZERLAND	
20	SHUTDOWN VALVES (CPVC)		
	M/s	GEORGE FISCHER, SWITZERLAND	
21	CORROSION PROBES-(CS NACE, CS NON-NACE)		
	M/s	CASASCO DIVISION , USA	
	M/s	REHRABACK COSASCO , USA	
	M/s	MC MURRAY , USA	
	M/s	CAPROCO, CANADA.	
	M/s	ATEL, ITALY	
	M/s	Emerson Process Management S.R.L.	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 60 of 132	

22	STRAINER-(BASKET TYPE AS PER ASME SEC VIII DIV 1 AND OTHERS)		
	M/s	ARMSTRONG, USA	
	M/s	MULTITEX ENGINEERS, NEW DELHI, INDIA	
	M/s	GREAVES COTTON, DELHI, INDIA	
	M/s	FILTRATION ENGINEERS (INDIA) PVT LTD, MUMBAI, INDIA	
	M/s	ZED VALVES CO. PVT. LTD. AHMEDABAD	For Y type Strainers up to 14 Inch size for 150# rating.
	M/s	GRAND PRIX ENGG. PVT. LTD, DELHI	
	M/s	DE's TECHNICO LTD., KOLKATA	1) For T-strainer up to 6", 150# rating Body-MS&SS screen basket wire mesh 2) For T-strainer up to 16", 300#
	M/s	SUNGOV ENGINEERING PRIVATE LIMITED, CHENNAI	1) 150# up to 16" 2) 300# up to 2"
23	SPRAY NOZZLES-(NFPA 15 AND APPV. BY UL,USA/VJTI,INDIA)		
	M/s	MARINE HYDRAULICS, INDIA	
	M/s	WORMALD FIRE SYSTEMS, U.K.	
	M/s	HD FIRE PROTECT PVT LIMITED, THANE-400604	
	M/s	DE's TECHNICO LIMITED, HOWRAH	
24	CONTINUOUS DRAINERS		
	M/s	ARMSTRONG MACHINE WORKS, USA	
	M/s	GREAVES COTTON, MUMBAI, INDIA	
25	5D BENDS-(ASME B 31.4 / 31.8)		
	M/s	FABRICOM, BELGIUM	
	M/s	SUNGJIN ,S KOREA	
	M/s	IGAWARA ,SINGAPORE	
	M/s	PSL, KANDLA, INDIA	
	M/s	INDUCTION BENDING, UK	
	M/s	DALMINE, ITALY	
	M/s	DAI CHI, JAPAN	
	M/s	PIPELINE ENGINEERING, UK	
26	CHOKE VALVES		
	M/s	MOKVELD, USA	
	M/s	PETROL VALVES, ITALY	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPING
			Page : 61 of 132	

	M/s	VALVINOX, ITALY	
	M/s	WEIR VALVES & CONTROLS UK LTD, UK	
	M/s	COOPER CAMERON, SINGAPORE	
	M/s	CCI, USA	
	M/s	JVS ENGINEERS, INDIA	
	M/s	Master Flo Valve Inc. CANADA	
27	SAMPLE BOMB-(ASME SEC VIII DIV1)		
	M/s	HARSH ENGINEERING, MUMBAI INDIA	
28	LAUNCHER / RECEIVER - (ASME-B31.4/31.8) -(ASME SEC VIII DIV1)		
	M/s	PIPELINE ENGINEERING, UK	
	M/s	TD WILLIAMSON, USA	
	M/s	L&T, INDIA	
	M/s	FAI OFFICINE DI CARVICO S.P.A.,(CS-NACE & CS-NON NACE), ITALY	
	M/s	VEEKAY VIKRAM FOR LAUNCHER / RECEIVER & HINGED CLOSURE OF CS (NON-NACE) FOR SIZES UP TO 22"X16", 600 CLASS WITH 2YEARS EXTENDED WARRANTY	
29	GASKETS		
	M/s	MADRAS INDUSTRIAL PRODUCT, INDIA	
	M/s	IGP, INDIA	
	M/s	HEM ENGINEERING CORPORATION, MAHARASHTRA	
30	FLANGES-SUPER DSS		
	M/s	OFFICINE NICOLA GALPERTI FIGLIO S.P.A, ITALY	

NOTE: While all the vendors supplying C.S. NACE can also be considered for CS Non-NACE items, the list given above for CS Non-NACE is an additional list for vendors supplying only carbon steel Non-NACE items and require pre-qualification for supplying items in C.S. NACE.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 62 of 132	

INSTRUMENTATION

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 63 of 132	

1	ELECTRONICS TRANSMITTERS (PRESSURE / DP/ TEMPERATURE TRANSMITTER)	
	M/s	YOKOGAWA INDIA LIMITED
	M/s	BAILEY CONTROLS, USA.
	M/s	EMERSON PROCESS MANAGEMENT
	M/s	HONEYWELL AUTOMATION INDIA LTD
	M/s	ABB – INSTRUMENTATION LTD.
	M/s	ITT, BARTON
	M/s	INSTRUMENTATION LTD. KOTA
	M/s	SCHLUMBERGER
	M/s	FUJI
2	PRESSURE SWITCHES, DIFFERENTIAL PRESSURE SWITCHES / TEMPERATURE SWITCHES	
	M/s	DAG PROCESS INSTRUMENTS
	M/s	SOR, USA
	M/s	SWITZER INSTRUMENT LIMITED
	M/s	INDFOSS IND. LIMITED,
	M/s	UNITED ELECTRIC , USA / UK / JAPAN
	M/s	DRESSER INC, USA
	M/s	SIRCO CONTROLS LTD., UK
	M/s	VASU TECH. LTD.
	M/s	DELTA CONTROLS
	M/s	KDG INSTRUMENTS
	M/s	NAGANO-KEIKI
	M/s	ITT, SCHNEIDER
	M/s	ASCHCROFT
	M/s	ASCO
	M/s	BETA BV
	M/s	BOURDON HAENNI S.A
	M/s	GENERAL INSTRUMENTS CONSORTIUM
	M/s	PYRO PRESS ENGG CO LTD
	M/s	REGULATEURS GEORGIN S.A
	M/s	ROBERTSHAW CONTROLS CO
3	PNEUMATIC PR. SWITCH/ HI-LO PILOTS (INDICATING DIAL TYPE)	
	M/s	e-PRODUCTIONS SOLUTION
	M/s	WKM

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 64 of 132	

	M/s	AXELSON
	M/s	PT-PETROTECH
	M/s	HALLIBURTON ENERGY
	M/s	RUELCO
4	PRESSURE SWITCHES (EXPLOSION PROOF)	
	M/s	SOR
	M/s	ITT NEODYN
	M/s	ASCHCROFT
	M/s	YOKOGAWA
	M/s	DELTA CONTROLS
	M/s	e-PRODUCTIONS SOLUTION
	M/s	DANFOSS
	M/s	YEW
	M/s	DAG PROCESS
5	FLOW SWITCHES (PNEUMATIC & ELECTRICAL)	
	M/s	MSW
	M/s	MAGNETROL
	M/s	TOKYO KEISO
	M/s	YOKOGAWA INDIA LIMITED
	M/s	BARTON INSTRUMENT SYSTEM LIMITED
	M/s	LINK
6	PRESSURE SAFETY VALVE / RELIEF VALVE	
	M/s	ANDERSON GREENWOOD CROSBY.
	M/s	MEKASTER ENGINEERING PVT LTD.
	M/s	TYCO SANMAR ,TRICHY
	M/s	BHEL, TRICHY
	M/s	INSTRUMENTATION LTD., PALGHAT
	M/s	NAKAKITA SESAKUSHO CO. LTD, JAPAN
	M/s	NUOVO PIGNONE SPA, ITALY
	M/s	SAFETY INSTRUMENT SYSTEM LTD
	M/s	SAPAG – ALSTHOM
	M/s	FUKUI
	M/s	Bliss Anand (Manufacturer of Farris brand PRV, under license from M/s Farris Engineering, a Curtis Wright group of company)
	M/s	TRIANGLE
	M/s	L&T Valves Ltd. India
	M/s	HAM-LET ADVANCED CONTROL TECHNOLOGY
	M/s	MOORCO (ONLY FOR NON-ASME SERVICE)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 65 of 132	

	M/s	IMI BAILEY BIRKIT
	M/s	TELEDYNE FARRIS ENGINEERING
	M/s	DRESSER INC.
	M/s	LESER GMBH & CO. KG
	M/s	PARCOL SPA
	M/s	SEBIM VALVES INDIA PVT LTD
	M/s	TRILLIUM FLOW TECHNOLOGIES INDIA PRIVATE LIMITED, NEW DELHI
	M/s	KINGSLEY ENGINEERING SERVICES, ANKLESHWAR
	M/s	NU-TECH CONTROLS, AHMEDABAD
7	PRESSURE GAUGES & RECEIVER GAUGES	
	M/s	MANOMETER (INDIA), BOMBAY
	M/s	H GURU INSTRUMENTS (SOUTH INDIA)PVT.LTD.
	M/s	GENERAL INSTRUMENTS CONSORTIUM.
	M/s	WIKA INSTRUMENTS INDIA PVT. LTD.
	M/s	A.N. INSTRUMENTS PVT. LTD.
	M/s	GLUCK (INDIA) MFG. CO.
	M/s	BAUMER TECHNOLOGIES INDIA PVT LTD. (Formerly WAREE INSTRUMENTS LTD.)
	M/s	BUDENBERG GAUGE CO. LTD.
	M/s	GAUGES BOURDEN
	M/s	BARTON INSTRUMENT SYSTEM LIMITED
	M/s	AMETEK
	M/s	BADOTHERM PROCESS INSTRUMENTS B.V
	M/s	BOURDON HAENNI S.A
	M/s	BRITISH ROTOTHERM CO. LTD
	M/s	DRESSER INC.
	M/s	FORBES MARSHALL PVT LTD,.
	M/s	NAGANO KEIKI SEISAKUSHO LTD
	M/s	PRECISION INDUSTRIES
	M/s	WALCHANDNAGAR INDUSTRIES LTD
	M/s	WIKA ALEXANDER WIEGAND & CO GMBH
8	DIFFERENTIAL PRESSURE GAUGES	
	M/s	ANI INSTRUMENTS PVT. LTD.
	M/s	HIRLEKAR PRESSION ENGINEERING PVT. LTD.
	M/s	SAMSON CONTROLS PVT. LTD.
	M/s	SWITZER INSTRUMENT LTD.
	M/s	BAUMER TECHNOLOGIES INDIA PVT LTD. (Formerly WAREE INSTRUMENTS LTD.)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 66 of 132	

	M/s	WIKA INSTRUMENTS INDIA PVT. LTD.
	M/s	BUDENBERG GAUGE CO. LTD.
	M/s	BOURDON
	M/s	GAUGES BOURDON
	M/s	BARTON INSTRUMENT SYSTEM LIMITED
	M/s	MERIAM PROCESS TECHNOLOGIES
	M/s	ITT BARTON
	M/s	GENERAL INSTRUMENTS CONSORTIUM
	M/s	SWITZER INSTRUMENT LTD
9	PNEUMATIC INDICATING CONTROLLER	
	M/s	YOKOGAWA INDIA LTD.
	M/s	EMERSON PROCESS MANAGEMENT (EARLIER FISHER)
	M/s	BARTON INSTRUMENT SYSTEM LIMITED
	M/s	FOXBORO
	M/s	ABB – KENT
	M/s	ABB INDIA LIMITED, BENGALURU
	M/s	BRISTOL BABCOCK
	M/s	ITT BARTON
	M/s	MASONEILAN INDIA LTD.
	M/s	V AUTOMAT AND INSTRUMENTS PVT. LTD., NEW DELHI
10	TEMPERATURE ELEMENTS & THERMOWELLS	
	M/s	GENERAL INSTRUMENTS, BOMBAY
	M/s	DETRIV INSTRUMENTATION, BOMBAY
	M/s	NAGMAN SENSORS PVT. LTD, MADRAS
	M/s	PYRO-ELECTRIC INSTRUMENT, GOA
	M/s	TEMP TECH.
	M/s	ALTOP INDUSTRIES.
	M/s	ABB AUTOMATION LTD
	M/s	BOURDON HAENNI S.A
	M/s	DAILY THERMETRICS
	M/s	GAYESCO LLC
	M/s	INVENSYS SOFTWARE SYSTEMS (S) PTE
	M/s	JAPAN THERMOWELL CO LTD
	M/s	TEMPSEN INSTRUMENT INDIA LTD
	M/s	THERMO ELECTRIC CO. INC.
	M/s	THERMO ELECTRIC PRODUCTS CO
	M/s	THERMO ELCTRA B.V
	M/s	T M TECNOMATIC SPA

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 67 of 132	

	M/s	WIKA ALEXANDER WIEGAND & CO GMBH
11	TEMPERATURE GAUGES	
	M/s	MANOMETER (INDIA), BOMBAY
	M/s	GENERAL INSTRUMENTS INIDA
	M/s	H GURU INSTRUMENTS (SOUTH INDIA) PVT.LTD.
	M/s	GLUCK (INDIA) MFG.
	M/s	WIKA INSTRUMENTS INDIA PVT. LTD.
	M/s	ASCHCROFT
	M/s	NAGANO KEIKI
	M/s	GENERAL INSTRUMENTS CONSORTIUM, MUMBAI
	M/s	BAUMER TECHNOLOGIES INDIA PVT LTD. (Formerly WAREE INSTRUMENTS LTD.)
	M/s	GAUGES BOURDON
	M/s	A.N. INSTRUMENTS
	M/s	BADOTHERM PROCESS INSTRUMENTS B.V.
	M/s	DRESSER INC.
	M/s	PYRO-ELECTRIC INSTRUMENTS GOA PVT LTD
	M/s	SOLARTRON ISA
	M/s	WALCHANDNAGAR INDUSTRIES LTD
	M/s	WIKA ALEXANDER WEIGAND & CO GMBH
	M/s	BOURDON HAENNI S.A
12	ORIFICE PLATES AND FLANGES AND RESTRICTION ORIFICE	
	M/s	BALIGA LIGHTING EQUIPMENT, LTD.
	M/s	GURUNANAK ENGG. WORKS
	M/s	MICRO PRECISION PRODUCT PVT. LTD.
	M/s	MINCO (INDIA) PVT. LIMITED
	M/s	INSTRUMENTATION LTD., PALGHAT
	M/s	DANIEL MEASUREMENT & CONTROLS ASIA PACIFIC.
	M/s	FERRY EQUIPMENT CORPORATION. USA
	M/s	PETROL VALVES, ITALY
	M/s	ABB LIMITED
	M/s	MICRO PRECISION
	M/s	GENERAL INSTRUMENTS CONSORTIUM, MUMBAI
	M/s	EUREKA INDUSTRIAL EQUIPMENTS (P) LTD
	M/s	FMC MEASUREMENT SOLUTIONS-U.K
	M/s	JRU CONTROL PVT LTD
	M/s	PIETRO FORENTINI SPA
	M/s	STAR-MECH CONTROLS (INDIA) PVT LTD

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 68 of 132	

	M/s	TM TECNOMATIC SPA	
13	SINGLE/ DUAL CHAMBER ORIFICE FITTINGS		
	M/s	DANIEL, USA	
	M/s	CAMERON MEASUREMENT SYSTEMS, UK	Through M/s CAMERON MIDDLE EAST FZE
	M/s	PERRY EQUIPMENT CORPORATION, USA	
	M/s	TMCO, USA	
	M/s	CANALTA CONTROLS LTD	
	M/s	Flowmaster Sistemas de Medição Eireli, LTU-SP,BRAZIL	SIZES UPTO 16" AND CLASS UPTO 2500#
14	ULTRASONIC FLOWMETER (LIQUID)		
	M/s	CONTROLTRON, USA	
	M/s	FLOW TEC, UK	
	M/s	FUJI ELECTRIC, JAPAN	
	M/s	EMCO FLOW SYSTEM, U.S.A.	
	M/s	KROHNE MESSTECHNIK GMBH & CO. GERMANY	
	M/s	ENDRESS-HAUSER	
	M/s	EMERSON PROCESS AUTOMATION LTD.	
	M/s	PANAMETRICS	
	M/s	SICK-MAIHAK AG	
	M/s	CALDON LTD., USA	
	M/s	ELSTER-INSTROMET NV-FORMER	
	M/s	RMG REGEL + MESSTECHNIK GMBH	
	M/s	SIEMENS AG	
	M/s	THERMO ELECTRON CORPORATION	
	M/s	TOKYO KEISO CO LTD	
15	ULTRASONIC FLOWMETER (GAS)		
	M/s	CONTROLOTRON, USA	
	M/s	PANAMETRICS LTD, IRELAND	
	M/s	DANIEL MEASUREMENT SOLUTIONS PVT LTD.	
	M/s	SICK-MAIHAK AG	
	M/s	FMC MEASUREMENT SOLUTIONS. USA	
	M/s	INSTROMET INTERNATIONAL NV, BELGIUM	
	M/s	ENERGOFLOW AG, SWITZERLAND	
16	VARIABLE AREA FLOWMETER (ROTAMETER)		
	M/s	TRANSDUCER AND CONTROLS PVT. LTD	
	M/s	EUREKA INDUSTRIAL EQUIPMENT (P) LTD.	
	M/s	INSTRUMENTATION ENGINEERS PRIVATE LIMITED	
	M/s	KROHNE MARSHALL PRIVATE LIMITED	
	M/s	AFLOW GLASS EQUIPMENTS, INDIA	
	M/s	ROTA INSTRUMENTATION, INDIA	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 69 of 132	

	M/s	TOKYO KEISO CO. LTD.
	M/s	EMERSON PROCESS AUTOMATION
	M/s	INTRA AUTOMATION GMBH
	M/s	ABB AUTOMATION LTD
	M/s	ASA SPA
	M/s	HEINRICHS MESSTECHNIK GMBH
	M/s	KROHNE MESSTECHNIK GMBH & CO KG
	M/s	PLACKA INSTRUMENTS INDIA P LTD
17	MASS FLOW METER/ CORIOLIS FLOWMETER AND NET OIL COMPUTERS	
	M/s	EMERSON PROCESS MANAGEMENT INDIA LTD.
	M/s	FLUID COMPONENT, USA
	M/s	ENDRESS-HAUSER, GERMANY
	M/s	FMC MEASUREMENT SOLUTIONS. USA
	M/s	EMERSON PROCESS ASIA PACIFIC
	M/s	KROHNE MESSTECHNIK, GERMANY
	M/s	RHEONIK MESSGERATE GMBH, GERMANY.
	M/s	AGAR CORPORATION
	M/s	SCHLUMBERGER
	M/s	HEINRICHS GMBH
	M/s	BRONKHORST HIGH TECH BV
	M/s	FOX THERMAL INSTRUMENT INC.
	M/s	KURZ INSTRUMENTS INC
	M/s	MAGNETROL INTERNATIONAL N.V.
	M/s	TOKYO KEISO CO LTD
18	WATER METERS	
	M/s	ITT BARTON
	M/s	DASHMUK
	M/s	LAXONS, BOMBAY
	M/s	TOSHNIWAL BROS.
	M/s	CAPSTAN
	M/s	ROCKWIN
	M/s	MEINECKE
19	TURBINE METER – LIQUID SERVICES	
	M/s	ITT BURTON, U.S.A. / U.K.
	M/s	ROCKWIN FLOWMETER INDIA LTD.(FOR LIQUID SERVICE ONLY)
	M/s	DANIEL MEASUREMENT & CONTROLS ASIA PACIFIC.
	M/s	BROOKS INSTRUMENTS, U.S.A.(FOR LIQUID SERVICE ONLY)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 70 of 132	

	M/s	MOORCO, INDIA(FOR LIQUID SERVICE ONLY)
	M/s	BOPP AND REUTHER. GERMANY (FOR LIQUID SERVICE ONLY)
	M/s	TYCO SANMAR(FOR LIQUID SERVICE ONLY)
	M/s	FMC SMITH METERS INC(FOR LIQUID SERVICE ONLY)
	M/s	ABB AUTOMATION LTD.
	M/s	BARTON INSTRUMENT SYSTEMS LTD.
	M/s	ELSTER-INSTROMET NV-FORMER 1563
	M/s	FMC MEASUREMENT SOLUTIONS
	M/s	FMC TECHNOLOGIES SANMAR LTD.
	M/s	HOFFER FLOW CONTROLS INC.
	M/s	FAURE HERMAN GROUP INTERTECHNIQUE
	M/s	SENSUS METERING SYSTEM INC, USA.(FOR GAS SERVICES ONLY)
	M/s	RMG REGEL+ MESSTECHNIC, GERMANY(FOR GAS SERVICES ONLY)
	M/s	THERMOELECTRON CORPORATION, USA(FOR GAS SERVICES ONLY)
20	MAGNETIC FLOW METER	
	M/s	YOKOGAWA, JAPAN
	M/s	YOKOGAWA INDIA LTD.
	M/s	ENDRESS-HAUSER
	M/s	KROHNE MARSHALL PRIVATE LIMITED
	M/s	EMERSON PROCESS MANAGEMENT (INDIA) PVT LTD
	M/s	ABB AUTOMATION LTD.
	M/s	HEINRICHS MESSTECHNIK GMBH.
	M/s	INSTRUMENTATION ENGINEERS PVT. LTD.
	M/s	INVENSYS SOFTWARE SYSTEMS (S) PTE. LTD.
	M/s	KROHNE MESSTECHNIK GMBH.& CO. KG.
	M/s	TOKYO KEISO CO. LTD.
	M/s	YAMATAKE CORPORATION LTD.
	M/s	ROCKWIN FLOWMETER INDIA PVT. LTD., GHAZIABAD
21	VORTEX FLOW METER	
	M/s	BOPP & REUTHER, GERMANY
	M/s	ABB AUTOMATION LTD., UK
	M/s	EMERSON PROCESS MGMT ASIA PACIFIC LTD.
	M/s	EMERSON PROCESS MGMT INDIA LTD.
	M/s	KROHNE MARSHALL PRIVATE LIMITED
	M/s	KROHNEMESSTECHNIK GMBH & CO KG, GERMANY
	M/s	OVAL CORPORATION, JAPAN

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 71 of 132	

	M/s	RMG REGEL MESSTECHNIK GMBH, GERMANY
	M/s	YOKOGAWA ELECTRIC CORPORTION, JAPAN
	M/s	SIEBE INDIA (INVENSYS) LTD.
22	AVERAGING PITOT TUBES	
	M/s	STAR MECH CONTROLS(INDIA) PVT. LTD.
	M/s	EMERSON PROCESS MGT.
	M/s	MIDWEST INSTRUMENT, USA.
	M/s	THERMO BRANDT INSTRUMENTS, USA
	M/s	TORBAR FLOWMETERS LTD. UK.
	M/s	VERIS INC. USA.
	M/s	STAR-MECH CONTROLS INDIA PVT LTD.
	M/s	TM TECNOMATIC SPA.
23	FLOW COMPUTER	
	M/s	DANIEL
	M/s	ITT BARTON
	M/s	YOKOGAWA
	M/s	SOLARTRON TRANSDUCERS
	M/s	OMNI FLOW COMPUTERS INC.
	M/s	BRISTOL BABCOCK DIGITAL SYSTEM
	M/s	NUFLO
24	FLOW TOTALIZER	
	M/s	BARTON INSTRUMENT
	M/s	DANIEL MEASUREMENT & CONTROL
	M/s	YOKOGAWA
	M/s	CONTREC
25	LEVEL GAUGES (REFLEX / TRANSPARENT)	
	M/s	LEVCON INSTRUMENTS PVT. LIMITED
	M/s	TECHNOMATIC(INDIA) PVT LTD.
	M/s	PRATOLINA INSTRUMENTS PVT. LIMITED
	M/s	CHEMTROL ENGINEERING LIMITED
	M/s	BLISS ANAND PVT. LIMITED
	M/s	KROHNE MARSHALL PRIVATE LIMITED
	M/s	SIGMA INSTRUMENTS CO.
	M/s	V AUTOMAT AND INSTRUMENTS PVT. LTD., NEW DELHI
26	GAUGE GLASS & COCKS	
	M/s	NIHON KLINGER
	M/s	PATROLE SERVICES
	M/s	JERGUSON GAUGE & VALVE COMPANY

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 72 of 132	

	M/s	PENBURTY
	M/s	TECHNOMATIC
	M/s	CHEMTROLS INDUSTRIES LTD.
	M/s	PROTOLINA, MUMBAI
	M/s	SAMIL
	M/s	DANIELS,
	M/s	LEVCON INSTRUMENT PVT LTD
	M/s	ASIAN INDUSTRIAL VALVES & INSTRUMENTS
	M/s	BLISS ANAND PVT. LTD.
	M/s	KLINGER FLUID CONTROL GMBH.
	M/s	PHOENIX SYSTEMLEMENTE UND. MESSTECHNIK
	M/s	PUNE TECHTROL PVT. LTD.
	M/s	R. K. DUTT CONCERNS
	M/s	SIGMA INSTRUMENTS CO.
27	LEVEL TRANSMITTER (DISPLACER TYPE – LEVELTROL)	
	M/s	CHEMTROL INDUSTRIES LTD.
	M/s	MIL CONTROL LIMITED.
	M/s	FISHER XOMOX LTD.
	M/s	MAGNETROL INDIA PVT. LTD.
	M/s	DRESSER VALVE INDIA PVT. LTD.
	M/s	MSW CONTROLS,
	M/s	EMERSON PROCESS MANAGEMENT (EARLIER FISHER)
	M/s	DRESSER VALVE (INDIA) PVT.LTD. (FOR DISPOSAL LEVEL TRANSMITTERS)
	M/s	DRESSER MASONEILAN
	M/s	ECKARDT
	M/s	DRESSER PRODUITS INDUSTRIELS
	M/s	PARCOL SPA
	M/s	TOKYO KEISO CO LTD
	M/s	V AUTOMAT & INSTRUMENTS PVT LTD
	M/s	YAMATAKE CORPORATION PVT LTD
28	LEVEL SWITCHES (DISPLACER TYPE)	
	M/s	S.O.R.
	M/s	E-PRODUCTIONS SOLUTION
	M/s	BACKER-CAC
	M/s	LEVCON INSTRUMENTS, PVT. LTD. CALCUTTA
	M/s	PLACKA INSTRUMENTS, CONTROL PVT. LTD., CHENNAI
	M/s	DAG PROCESS INSTRUMENTS, MUMBAI

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 73 of 132	

	M/s	BLISS ANAND PVT. LTD.
	M/s	SB ELECTRO MECHANICAL, PUNE
	M/s	ENDRESS-HAUSER
	M/s	CHEMTROL INDUSTRIES LTD.
	M/s	TRANSDUCERS & CONTROLS PVT. LTD.
	M/s	PATROL SERVICE
	M/s	MSW CONTROLS
	M/s	TOKYO KEISO
	M/s	MAGNETROL
	M/s	DAG PROCESS INSTRUMENTS, MUMBAI
	M/s	EMERSON PROCESS MGMT ASIA PACIFIC PTE LTD
	M/s	JRU CONTROLS PVT LTD.
	M/s	KROHNE MESSTECHNIK GMBH & CO. KG
	M/s	KSR KUEBLER NIVEAUMESS-TECHNIK AG
	M/s	MOBREY LTD.
	M/s	SIGMA INSTRUMENTS CO.
	M/s	V AUTOMAT & INSTRUMENTS PVT LTD.
29	LEVEL SWITCHES (CAPACITANCE TYPE)	
	M/s	ENDRESS-HAUSER
	M/s	SIEMENS
	M/s	AMTREX DEXEL BROOK, USA
	M/s	VEGA GRIESHABER K, GERMANY
	M/s	TRANSDUCERS & CONTROL PVT. LIMITED
	M/s	VENTURE MEASUREMENT COMPANY, USA
30	TANK LEVEL INDICATORS (MECHANICAL FLOAT & TAPE)	
	M/s	SB ELECTROMECHANICALS
	M/s	NIVO CONTROLS PVT. LIMITED
	M/s	SIGMA INSTRUMENT CO.
	M/s	ENDRESS HAUSER
	M/s	TOKYO KEISO CO. LTD. JAPAN
	M/s	ENRAF, SINGAPORE
31	TANK LEVEL INDICATORS (SERVO TYPE TGM / RADAR TYPE)	
	M/s	ENRAF SINGAPORE PTE LTD., SINGAPORE
	M/s	EMERSON PROCESS CONTROLS
	M/s	SAAB ROSEMOUNT
	M/s	SBEM PVT LTD.
	M/s	TOKYO KEISO CO. LTD. JAPAN
	M/s	ENDRESS-HAUSER

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 74 of 132	

32	LEVEL INSTRUMENTS (RADAR TYPE/ULTRASONIC)	
	M/s	ENRAF SINGAPORE PTE LTD., SINGAPORE
	M/s	SAAB ROSEMOUNT.
	M/s	ENDRESS-HAUSER.
	M/s	VEGA GRIESHABER K, GERMANY.
	M/s	KROHNE MESSTECHNIK, GERMANY
	M/s	EMERSON PROCESS CONTROLS.
	M/s	MAGNETROL
	M/s	SOLARTRON MOBREY LTD. UK (ULTRASONIC ONLY)
	M/s	AMTEK DREXELBROOK. USA
	M/s	SIEMENS MILLTRONICS PROCESS INST. INC. CANADA (ULTRASONIC ONLY)
	M/s	HAWK MEASUREMENT SYSTEMS PVT LTD.
	M/s	L&J TECHNOLOGIES
	M/s	MOBREY LTD
	M/s	SIEMENS AG
33	CONTROL PANEL	
	M/s	POSITRONIC, BARODA
	M/s	ELECTRO CONTROL SYSTEM NOIDA
	M/s	INDUSTRIAL CONTROL & APPLIANCES.
	M/s	RADHAKRISHNA CONTROLS, CALCUTTA
	M/s	PRIMA AUTOMATION INDIA PVT. LTD
	M/s	ACCUSONIC CONTROLS PVT. LTD.
	M/s	ELECTRONIC CORPORATION OF INDIA LTD.
	M/s	ELECTRONIC INSTRUMENTATION AND CONTROL
	M/s	INSTRUMENTATION LTD.
	M/s	KERALA STATE ELECT. DEV CORP. LTD.
	M/s	PYROTECH ELECTRONICS PVT. LTD.
	M/s	UDKAM PROCESS EQUIPMENT INDIA PVT LTD, GREATER NOIDA
34	ELECTRONIC CONTROLLER (CONTROL PANEL INSTRUMENT)	
	M/s	YOKOGAWA INDIA LTD.
	M/s	ABB INSTRUMENTATION LTD.
	M/s	TATA HONEYWELL
	M/s	BAILEY
	M/s	THERMAX
35	PUSH BUTTONS / SWITCHES / LAMPS (CONTROL PANEL INSTRUMENT)	
	M/s	TEKNIC CONTROLS

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 75 of 132	

	M/s	KAYCEE
	M/s	L&T
	M/s	SIEMENS
36	ALARM ANNUNCIATORS (CONTROL PANEL INSTRUMENT)	
	M/s	DIGICONT
	M/s	ECIL
	M/s	PROCON INSTRUMENTATION PVT. LTD
	M/s	ICA
	M/s	INDUSTRIAL INSTRUMENT CONTROLS.
	M/s	INSTALARM INSTRUMENTS PVT. LTD.
	M/s	RONAN ENGINEERING COMPANY,UK.
	M/s	IDEC IZUMI CORPORATION JAPAN
	M/s	ROCHESTER INSTRUMENT SYSTEM, UK.
	M/s	INSTRUMENTATION LTD.
	M/s	MINILEC INDIA PVT LTD.
37	RECEIVER INSTRUMENTS (CONTROL PANEL INSTRUMENT) – (INDICATORS / RECORDERS / SIGNAL DISTRIBUTORS / ALARM CARDS)	
	M/s	ABB INSTRUMENTATION LTD.
	M/s	TATA HONEYWELL
	M/s	YOKOGAWA INDIA LTD.
	M/s	ITT BARTON. UK
38	INTRINSIC SAFETY BARRIERS & RECEIVER SWITCHES	
	M/s	MTL
	M/s	R. STAHL
	M/s	PEPPERL + FUCHS
	M/s	HANS TRUCK GMBH & CO. KG
39	GAS & FIRE DETECTION SYSTEM / PORTABLE GAS DETECTOR	
	M/s	GENERAL MONITORS. UK
	M/s	DETECTION INSTRUMENTS (CROWCON),UK.
	M/s	DETECTOR ELECTRONICS CORPORATION.
	M/s	DRAGER SAFETY AG & CO. (GERMANY)
	M/s	OLDHAM (FRANCE)
	M/s	JOSEPH LESLIE DRAEGGER
	M/s	SAMRAD OPTRONICS ICARE (FRANCE)
	M/s	GASTECH INC (USA)
	M/s	INTERNATIONAL SENSOR TECHNOLOGY (USA)
	M/s	OLIVER IGD LTD. UK
	M/s	SEIGER, U.K.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 76 of 132	

	M/s	HONEYWELL AUTOMATION INDIA LTD (HAIL)	
	M/s	YOKOGAWA INDUSTRIAL SAFETY SYSTEM	
	M/s	HAVEN AUTOMATION	
	M/s	DELPHIAN	
	M/s	NOHMI BOSAI	
	M/s	G.P. ELLIOT	
	M/s	SAFETY SYSTEMS	
	M/s	ICS	
	M/s	MSA (INDIA) LTD.	
	M/s	CHEMTROLS ENGINEERING LTD.	
	M/s	HONEYWELL ANALYTICS	
	M/s	MINE SAFETY APPLIANCES COMPANY	
	M/s	RIKEN KEIKI CO LTD.	
	M/s	Detcon Inc., USA	
	M/s	Scame Sistemi S.R.L, Italy	
	M/s	JSC-ELECTRONSTANDART-PRIBOR, RUSSIA	(Through M/s ESP SAFETY PVT. LTD.)
40	SMOKE/ THERMAL DETECTORS		
	M/s	APOLLO	
	M/s	THORN	
	M/s	ZELLWEGE	
41	MANUAL CALL POINT (FOR FIRESTATION)		
	M/s	APPOLO	
	M/s	VIJAY FIRE	
	M/s	SIMPLEX	
	M/s	NEW FIRE	
	M/s	MEDC	
	M/s	SAFETY SYSTEMS	
42	I/P CONVERTERS		
	M/s	MTL INSTRUMENTS PVT LTD.	
	M/s	ABB AUTOMATION LTD.	
	M/s	YOKOGAWA INDIA LIMITED	
	M/s	GOULD ,USA	
	M/s	HARTMAN & BRAUN	
	M/s	MASONEILAN	
	M/s	MOORE CONTROLS (P) LTD	
	M/s	BAILEY CONTROLS	
	M/s	EMERSON PROCESS CONTROLS.	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 77 of 132	

	M/s	IMI WATSON SMITH LTD
	M/s	SHREYAS INSTRUMENTS PVT. LTD.
	M/s	THERMO BRANDT INSTRUMENTS
43	AIR FILTER REGULATORS	
	M/s	SHAVO NORGREN (I) PVT LTD., BOMBAY
	M/s	PLACKA INSTRUMENTS (P) & CONTROLS, MADRAS
	M/s	ABB INSTRUMENTATION LTD.
	M/s	MASONEILAN, INDIA
	M/s	FISHER XOMOX
	M/s	DRESSER VALVE INDIA PVT. LTD.
	M/s	BIFOLD FLUID POWER LIMITED
	M/s	EMERSON PROCESS MANAGEMENT
	M/s	DIVYA CONTROL ELEMENTS PVT. LTD.
	M/s	JANATICS INDIA PVT. LTD.
	M/s	SCHRADER DUNCAN LTD.
	M/s	SHAH PNEUMATICS
	M/s	V AUTOMAT & INSTRUMENTS PVT LTD.
	M/s	VELJAN HYDRAIR PVT LTD.
44	SOLENOID VALVES	
	M/s	AVCON CONTROLS PVT LTD, BOMBAY
	M/s	ROTEX MFRS. & ENGRS. PVT. LTD., BOMBAY
	M/s	ASCO
	M/s	MAXSEAL USA.
	M/s	SKINNER USA.
	M/s	VERSA BV, NETHERLAND
	M/s	BLACKBOROUGH
	M/s	HERION WERKE
	M/s	BIFOLD FLUID POWER LIMITED
	M/s	ALCON ALEXANDER CONTROLS LIMITED
	M/s	PRECISION INSTRUMENTS COMPANY
	M/s	ROTEX AUTOMATION LTD
	M/s	SCHRADER DUNCAN LTD.
45	CONTROL VALVES- BODY TYPE GLOBE AND ANGLE/BUTTERFLY BODY	
	M/s	SAMSON CONTROLS PVT. LTD.
	M/s	FISHER XOMOX LTD.
	M/s	INSTRUMENTATION LIMITED, PALGHAT
	M/s	CONTINENTAL VALVE LTD.
	M/s	MIL CONTROL LTD.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 78 of 132	

	M/s	NEILS JAMESBURY (BODY TYPE GLOBE AND ANGLE)
	M/s	DRESSER VALVE INDIA PVT. LTD.
	M/s	KOSO INDIA PRIVATE LTD.
	M/s	MOTOYAMA ENGG. WORKS LTD. JAPAN
	M/s	ABB INSTRUMENTATION LTD. (BODY TYPE GLOBE AND ANGLE)
	M/s	WEIR VALVES & CONTROLS LTD.
	M/s	BLAKE BOROUGH (BODY TYPE GLOBE AND ANGLE)
	M/s	KOSO FLUID CONTROLS PVT LTD
	M/s	METSO AUTOMATION PTE LTD.
	M/s	SPX VALVES AND CONTROLS, USA.
	M/s	ARCA REGLER GMBH
	M/s	DRESSER PRODUITS INDUSTRIELS
	M/s	FORBES MARSHALL ARCA P LTD
	M/s	ITALVALV S.N.C
	M/s	KENT INTROL PVT LTD
	M/s	KENT INTROL U.K LTD
	M/s	NUOVO PIGNONE SPA
	M/s	SEVERN GLOCON LTD, UK
	M/s	SEVERN GLOCON INDIA PVT. LTD., CHENNAI, INDIA
	M/s	MASCOT VALVES PVT. LTD., AHMEDABAD
46	ON-OFF VALVES (BALL VALVES)	
	M/s	MICROFINISH VALVES PVT. LTD.
	M/s	VIRGO ENGINEERS PVT. LTD.
	M/s	ELOMATIC PVT. LTD.
	M/s	NUOVO PIGNONE SPA.
	M/s	WEIR VALVES AND CONTROLS, UK
	M/s	TYCO VALVES AND CONTROLS INDIA PVT. LTD.
	M/s	KITAMURA VALVE MFG. CO. LTD. JAPAN
	M/s	METSO AUTOMATION PTE LTD. USA
	M/s	DRESSER ITALIA, ITALY
	M/s	L&T Valves Ltd. India
	M/s	GROVE, ITALIA
	M/s	NEILS JAMESBURY
	M/s	HINDLE COCKBURNS LTD (TYCO GROUPS)
	M/s	COOPER CAMERON VALVE ITALY
	M/s	ITALVALV S.N.C
	M/s	KOSO FLUID CONTROLS PVT LTD
	M/s	PIBIVIESSE S.P.A

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 79 of 132	

	M/s	ROTEX MANUFACTURING & ENGINEERING Pvt Ltd, DOMBIVILI-421204, MAHARASTRA
47	ON-OFF VALVES (BUTTERFLY BODY)	
	M/s	TYCO VALVES & CONTROLS INDIA PVT. LTD.
	M/s	INSTRUMENTATION LTD., PALGHAT
	M/s	NUOVO PIGNONE SPA
	M/s	ELOMATIC PVT LTD.
	M/s	CONTINENTAL VALVE LTD.
	M/s	MOTOYAMA ENGG, WORKS LTD. JAPAN
	M/s	METSO AUTOMATION PTE LTD.
	M/s	ITALVALV S.N.C
	M/s	KOSO FLUID CONTROLS PVT LTD
	M/s	COOPER CAMERON VALVE ITALY
48	ON-OFF VALVES (PLUG)	
	M/s	SPX VALVES AND CONTROLS
	M/s	DRESSER ITALIA
	M/s	FLOSERVE PTE, LTD.
	M/s	COOPER CAMERON VALVE ITALY
49	ON-OFF VALVES (GATE)	
	M/s	SPX VALVES AND CONTROLS
	M/s	COOPER CAMERON SINGAPORE PTE LTD.
	M/s	WEIR VALVES AND CONTROLS
	M/s	KOSO FLUID CONTROLS PVT LTD
	M/s	COOPER CAMERON VALVE ITALY
50	SELF ACTUATED PRESSURE CONTROL VALVES	
	M/s	FISHER CONTROLS / FISHER SANMAR
	M/s	DRESSER MASONEILAN
	M/s	ESME
	M/s	WEIR VALVES & CONTROLS LTD. (HOPKINSONS LTD)
	M/s	ELECTRICAL STEAM & MINING EQUIPMENT LTD,
	M/s	DRESSER VALVE INDIA PVT. LTD.
	M/s	JORDAN VALVE
	M/s	DANIEL MEASUREMENT & CONTROL ASIA PACIFIC
	M/s	ELSTER-INSTRUMET NV-FORMAR 1563
	M/s	EMERSON PROCESS MGMT. ASIA PACIFIC PTE. LTD.
	M/s	GORTER CONTROLS B.V.
	M/s	KAYE & MACDONALD INC.
	M/s	NIRMAL INDUSTRIAL CONTROL PVT LTD

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 80 of 132	

	M/s	NUOVO PIGNONE SPA
	M/s	PIETRO FIORENTINI SPA
	M/s	RICHARDS INDUSTRIES
	M/s	RMG REGEL + MESSTECHNIK GMBH
	M/s	SAMSON AG MESS-UND REGELTECHNIK
51	HIGH PRESSURE CONTROL VALVES (HCV)	
	M/s	DRESSER MASONEILAN
	M/s	MOKVELD
	M/s	FISHER CONTROLS (NOW EMERSON)
	M/s	KENT PROCESS CONTROL LTD
	M/s	CONTROL COMPONENT INC.
	M/s	WEIR VALVES & CONTROLS UK LTD.
	M/s	KOSON PROCESS CONTROLS
	M/s	MASCOT VALVES PVT. LTD., AHMEDABAD
52	ACTUATOR (FOR SHUTDOWN VALVES)	
	M/s	BETTIS
	M/s	ROTORK
	M/s	BIFFI
	M/s	EL-O-MATIC
	M/s	ROTEX MANUFACTURING & ENGINEERING Pvt Ltd, DOMBIVILI-421204, MAHARASTRA
53	LIMIT SWITCHES	
	M/s	BETTIS
	M/s	HONEYWELL AUTOMATION INDIA LTD. (HAIL)
54	DELUGE VALVE WITH TEST FACILITY	
	M/s	GEORGE KENT
	M/s	WORMALD
	M/s	CLA-VAL
	M/s	HD FIRE PROTECT PVT. LTD.
	M/s	DE's TECHNICO LTD., KOLKATA
	M/s	FIRETECH EQUIPMENT AND SYSTEMS PVT LTD, MUMBAI
55	JUNCTION BOXES & CABLE GLANDS	
	M/s	FLEXPRO ELEC., PVT. LIMITED
	M/s	BALIGA LIGHTING EQUIPMENT LTD.
	M/s	EX PROTECTA
	M/s	FLAMEPROOF CONTROL GEARS, BOMBAY
	M/s	CEAG FLAMEPROOF CONTROL GEARS PVT. LIMITED
56	INSTRUMENTATION CABLES (ALARM, SIGNAL, CONTROL & THERMO COUPLE EXTN. CABLES)	
	M/s	POLY CABLE WIRES PVT. LTD

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 81 of 132	

	M/s	SUYOG ELECTRICALS LTD.
	M/s	ASSOCIATED CABLES PVT. LIMITED
	M/s	ASSOCIATED FLEXIBLES & WIRES (P) LTD.
	M/s	UNIVERSAL CABLES LTD.
	M/s	RELIANCE ENGINEERS LTD.
	M/s	BROOKS CABLES WORKS, MUMBAI
	M/s	DELTON CABLES LTD
	M/s	INCAB INDUSTRIES LTD.
	M/s	NICCO CORPORATION LTD.
	M/s	ASIAN CABLES
	M/s	CMI LIMITED
	M/s	CORDS CABLE INDUSTRIES LTD
	M/s	ELKAY TELELINKS LTD.
	M/s	FINE CORE CABLE PVT LTD.
	M/s	PARAMOUNT COMMUNICATIONS LTD.
	M/s	RADIANT CABLE PVT LTD.
	M/s	THERMO CABLES LTD.
	M/s	KEI INDUSTRIES LTD.
	M/s	GOYOLENE FIBRES INDIA PVT. LTD.
57	COMMUNICATION CABLES	
	M/s	ASSOCIATED CABLES (P) LIMITED
	M/s	ASSOCIATED FLEXIBLE AND WIRES (P) LIMITED
	M/s	UNIVERSAL CABLES
	M/s	UDAY PYRO CABLE PVT. LIMITED
	M/s	BROOKS CABLE WORKS
	M/s	INCAB INDUSTRIES LIMITED
	M/s	TORRENT CABLES
	M/s	PROCON, PUNE
	M/s	KEI INDUSTRIES LTD.,MUMBAI
	M/s	JINRO INDUSTRIES,
	M/s	NEXANS-S.A
	M/s	CORDS CABLE INDUSTRIES LTD
	M/s	DELTON CABLES LTD (SUPPLY FROM DHARUHERA WORKS)
	M/s	ELKAY TELELINKS LTD, Faridabad
	M/s	BIRLA ERICSSON OPTICAL LTD (Jelly Filled) ENQUIRY TO M/S VINDHYA TELELINK LTD (V029), ONLY ONE OFFER EITHER FROM M/S BIRLA ERICSSON (B155), OR M/S VINDHYA TELELINK LTD (092), SAME GROUP COMPANY, IS ACCEPTABLE

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 82 of 132	

	M/s	CMI LTD
	M/s	FINOLEX CABLES LTD (Jelly Filled) - PIMRI WORKS, PUNE
	M/s	KEC INTERNATIONAL LTD (FORM. R133) (Jelly Filled)
	M/s	VINDHYA TELELINKS LTD (Jelly Filled) - ENQUIRY TO M/S VINDHYA TELELING LTD, ONLY ONE OFFER EITHER FROM M/S BIRLA ERICSSON (N155), OR M/S VINDHYA TELELING LTD (V092), SAME GROUP COMPANY , IS ACCEPTABLE
58	OPTICAL FIBRE CABLE	
	M/s	BIRLA ERICSSON OPTICAL LTD.
	M/s	STERLITE TECHNOLOGIES LTD.
	M/s	APAR INDUSTRIES LTD., VADODARA
	M/s	HIMACHAL FUTURISTIC COMMUNICATION LTD.
	M/s	UM CABLES LTD.
	M/s	VIDYA TELELINKS LTD.
59	FRP CABLE TRAYS	
	M/s	SUPER REINFORCED PLASTICS ASSOCIATED ENGG. CORP, MUMBAI
	M/s	GRIP INDIA, MUMBAI
	M/s	SSB INDUSTRIES, BANGALORE
	M/s	ERCON COMPOSITES, JODHPUR.
60A	INSTRUMENT FITTINGS (SS – TUBE FITTING)	
	M/s	SWAGELOK INDIA
	M/s	PARKER, INDIA
	M/s	ASTEC, MUMBAI
	M/s	DK TECH CORPORATION
	M/s	HAM-LET ADVANCED CONTROL TECHNOLOGY
	M/s	PRECISION ENGINEERING INDUSTRIES, MUMBAI
	M/s	FLUID CONTROL PVT. LTD., MUMBAI
	M/s	HY-LOK CORPORATION
	M/s	HAVI ENGINEERING INDIA PVT. LTD., THANE (Only for SS Tube fittings)
	M/s	PANAM ENGINEERS LIMITED
60B	INSTRUMENTATION TUBEING (SS - TUBE)	
	M/s	RATNAMANI METALS AND TUBE LTD., AHMEDABAD
	M/s	SANDVIK ASIA PVT. LTD., PUNE (ADOPTED FROM OFFSHORE SVL)
	M/s	PANAM ENGINEERS LIMITED, MUMBAI
61	FUSIBLE PLUGS	
	M/s	e-PRODUCTIONS SOLUTION
	M/s	SIGMA
	M/s	RUELCO

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 83 of 132	

62	ERECTION HARDWARE	
	M/s	HYDAIR ENGG WORKS, BOMBAY
	M/s	RELIANCE ENGG & ELECT CORPN, NEW DELHI
	M/s	EXCELSIOR ENGG WORKS, BOMBAY
	M/s	TECHNOMATIC CONTROLS PVT. LIMITED
	M/s	MULTIMETAL INDUSTRIES, BARODA
	M/s	EX-PROTECTA
	M/s	FLEXPPO
	M/s	FLAME PROOF CONTROL GEARS, MUMBAI
63	REMOTE IGNITOR	
	M/s	AIROIL- FLAREGAS (INDIA) LIMITED
	M/s	V.AUTOMAT & INSTRUMENTS PVT LIMITED, INDIA.
	M/s	COMBUSTION CONTROL ENGINEERS, INDIA
	M/s	SAMIA, ITALY.
64	FLAME ARRESTORS	
	M/s	PETROL SERVICE
	M/s	GROTH EQUIPMENT CORPORATION
	M/s	GPE CONTROLS
	M/s	BRAUNSCH WEIGR FLAMMENFILTER,GMBH, WG
	M/s	WHERSOC, S.A.
	M/s	SHAND & JURS
	M/s	MARVAC
	M/s	SAFETY SYSTEM
	M/s	PROTEGO INDIA PRIVATE LIMITED, MUMBAI
	M/s	KINGSLEY ENGINEERING SERVICES,ANKLESHWAR
65	PH METER	
	M/s	YOKOGAWA ELECTRICAL COPORATION
	M/s	I.T.T. BARTON
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT.
	M/s	PIECO ELECTRONICS & ELECTRICALS LTD.
	M/s	SOLARTRON TRANSDUCERS
	M/s	ZELEWEGER SA
66	DEW POINT MONITOR	
	M/s	PANAMETRICS
	M/s	SHAW, U.K.
	M/s	D U PONT.
	M/s	SOLARTRON TRANSDUCERS.
	M/s	LLC SPA VYMPEL, MOSCOW, RUSSIAN FEDERATION
	M/s	MICHELL INSTRUMENTS LIMITED, UNITED KINGDOM
	M/s	ZEGAZ INSTRUMENTS INC, USA

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 84 of 132	

67	B&SW MONITOR/ WATER CUT METER	
	M/s	EMERSON PROCESS MANAGEMENT
	M/s	EESIFLO INTERNATIONAL PTE LTD., SINGAPORE
	M/s	HYDRYL
	M/s	SOLARTRON TRANSDUCERS
	M/s	SENTECH
68	CONDUCTIVITY ANALYSER	
	M/s	ABB AUTOMATION LTD
	M/s	EMERSON PROCESS MANAGEMENT ASIA PACIFIC PTE INDIA
	M/s	FORBES MARSHALL PRIVATE LIMITED, PUNE
	M/s	INVENSYS INDIA PRIVATE LIMITED
	M/s	HONEYWELL INC.
69	WATER QUALITY ANALYSER	
	M/s	ABB AUTOMATION LTD
	M/s	EMERSON PROCESS MANAGEMENT ASIA PACIFIC PTE INDIA
	M/s	FORBES MARSHALL PRIVATE LIMITED, PUNE
	M/s	BRISTOL BABCOCK, AUSTRALIA
	M/s	SERES, FRANCE
	M/s	TELEDYNE TEKMAR, USE
	M/s	IONIC, USA
	M/s	THERMONIX LTD. UK
	M/s	ZELEWEGER SA, FRANCE
70	OXYGEN ANALYSER	
	M/s	ABB AUTOMATION LTD
	M/s	EMERSON PROCESS MANAGEMENT ASIA PACIFIC PTE INDIA
	M/s	ZELEWEGER SA, FRANCE
	M/s	AMETEX, USA
	M/s	EMP COMPANY INC. USA,
	M/s	PANAMETRICS LTD, IRELAND
	M/s	SECO CONTROLS PVT. LTD.
	M/s	SYSTECH INSTRUMENTS, UK
	M/s	ORBI SPHERE (HACH ULTRA ANALYTICS)
71	CHLORINE ANALYZER	
	M/s	EMERSON PROCESS MANAGEMENT
72	PROCESS GAS ANALYSER	
	M/s	ABB AUTOMATION LTD
	M/s	PANAMETRICS LTD, IRELAND
	M/s	SERVOMAX PLC, TAIWAN

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 85 of 132	

	M/s	SICK MAIHAK, GERMANY
	M/s	MSA (INDIA) LTD.
	M/s	SpectraSensors Inc., USA
	M/s	JP3 MEASUREMENT, LLC, USA
73	SPECIFIC GRAVITY ANALYZER	
	M/s	BOPP & REUTHER MESSTECHNIK GMBH, GERMANY
	M/s	EMERSON PROCESS MANAGEMENT
	M/s	THERMO MEASUREMENT, UK
	M/s	EMERSON PROCESS, SINGAPORE
	M/s	ENDRESS-HAUSER, GERMANY
	M/s	YOKOGAWA INDIA LIMITED
	M/s	CHEMTROL ENGINEERING WORKS
74	VISCOSITY ANALYSER	
	M/s	SOLARTON MOBREY LTD., UK
	M/s	SERES, FRANCE
	M/s	ENDRESS-HAUSER, GERMANY
	M/s	PEEK MEASUREMENT, UK / USA
75	HYDROGEN ANALYSER	
	M/s	SIEMENS APPLIED AUTOMATION, USA
	M/s	AMETEK, USA
	M/s	FLUID DATA (NOW NAMED THERMO ONIZ LTD.), UK
	M/s	EMERSON PROCESS MANAGEMENT
	M/s	MINE SAFETY APPLIANCES, USA
	M/s	PANAMETRIC LTD., IRELAND
76	MOISTURE ANALYZER SYSTEM INTEGRATOR	
	M/s	CHEMTROL INDUSTRIES LTD. (WITH AMTEK MAKE MOISTURE ANALYZER)
77	MACHINE MONITORING SYSEM	
	M/s	BENTLY-NEVADA
	M/s	ENTEK IRD INTERNATIONAL (INDIA) LTD., USA
	M/s	SKF CONDITION MONITORING INCL, USA
	M/s	SHINKAWA ELECTRIC COMPANY LIMITED, JAPAN
	M/s	ROCKWELL AUTOMATION INDIA PVT LTD
	M/s	SENSONICS LIMITED, UK
78	CCTV	
	M/s	PHILIPS
	M/s	ECIL
	M/s	NELCO LTD
	M/s	AMERICAN DYNAMICS

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 86 of 132	

	M/s	PELCO
	M/s	HONEYWELL
	M/s	VICON
	M/s	BOSCH
	M/s	HERNIS
79	TELEMETRY INTERFACE CABINET	
	M/s	MARINE ELECTRICALS, MUMBAI
	M/s	FABRICON, MUMBAI
	M/s	SWITCH GEARS & CONTROL, MUMBAI
	M/s	MARINE DELIGHT, CALCUTTA
	M/s	YOKOGAWA INDIA LIMITED
	M/s	e-PRODUCTION SOLUTION
	M/s	ELEC. MECH. CORPORATION, MUMBAI
80	DISTRIBUTED CONTROL SYSTEM	
	M/s	FOXBORO (INVENSYS)
	M/s	BAILEY CONTROLS
	M/s	TOSHIBA
	M/s	HONEYWELL AUTOMATION INDIA LTD (HAIL)
	M/s	YOKOGAWA INDIA LIMITED
	M/s	EMERSON PROCESS MANAGEMENT
	M/s	ABB INDIA LIMITED, BENGALURU
	M/s	ROCKWELL AUTOMATION INDIA PVT.LTD.,GURUGRAM
81	PROGRAMMABLE LOGIC CONTROLLER (PLC SUBSYSTEM)	
	M/s	YOKOGAWA INDIA LTD.
	M/s	ALLEN BRADLEY
	M/s	GE Intelligent Platforms Pvt Ltd.
	M/s	SIEMENS
	M/s	CEGELEC
	M/s	TATA-HONEYWELL
	M/s	BAILEY CONTROL USA
	M/s	ROCKWELL AUTOMATION
	M/s	ALSTOM PROJECTS INDIA
	M/s	HONEYWELL AUTOMATION INDIA LTD
	M/s	ABB INDIA LIMITED, BENGALURU
	M/s	HIMA PAUL HIDEBRANDT GMBH
	M/s	TRICONIX (ONLY TUV APPROVED APPLICATIONS)
	M/s	BRISTOL BABCOCK
	M/s	EMERSON PROCESS MANAGEMENT (INDIA) PVT LTD.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 87 of 132	

	M/s	ICS TRIPLEX
	M/s	LARSON AND TOUBRO LTD
	M/s	SCHNEIDER ELECTRIC INDIA PVT LTD
82	PORTABLE CALIBRATOR	
	M/s	FLUKE
	M/s	DRUCK (NOW GE SENSING)
	M/s	BEAMAX
83	AUTO SAMPLER	
	M/s	JISKOOT LTD, UK
	M/s	CLIFF MOCK
	M/s	WELKER ENGINEERING COMPANY PTE LTD, SINGAPORE
84	DRAFT GAUGES	
	M/s	AN INSTRUMENTS PVT LTD INDIA
	M/s	BADOTHERM PROCESS INSTRUMENTS B.V. NETHERLANDS
	M/s	BOURDON HAENNI S.A FRANCE
	M/s	BUDENBERG GAUGE CO. LTD U.K.
	M/s	DRESSER INC. U.S.A
	M/s	GENERAL INSTRUMENTS CONSORTIUM INDIA
	M/s	NAGANO KEIKI SEISAKUSHO LTD JAPAN
	M/s	SWITZER INSTRUMENT LTD INDIA
	M/s	WIKA ALEXANDER WIEGAND & CO GMBH GERMANY
85	FLOW ELEMENTS (VENTURI, FLOW NOZZLES)	
	M/s	FMC MEASUREMENT SOLUTIONS-UK U.K.
	M/s	GENERAL INSTRUMENTS CONSORTIUM INDIA
	M/s	INSTRUMENTATION LTD. (PALGHAT) INDIA
	M/s	MICRO PRECISION PRODUCTS PVT LTD INDIA
	M/s	STAR-MECH CONTROLS (INDIA) PVT LTD INDIA
	M/s	TM TECNOMATIC SPA
86	INSTRUMENT VALVES & MANIFOLDS	
	M/s	ANDERSON GREENWOOD CROSBY U.S.A.
	M/s	ASTEC VALVES & FITTINGS PVT. LTD. INDIA
	M/s	AURA INC. INDIA
	M/s	AUTOCLAVE ENGINEERS FLUID COMPONENTS U.S.A.
	M/s	CHEMTROLS ENGINEERING LTD INDIA
	M/s	CIRCOR INSTRUMENTATION LTD(FORM. H608) U.K.
	M/s	EXCEL HYDRO PNEUMATICS PVT LTD INDIA
	M/s	EXCELSIOR ENGG. WORKS INDIA

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 88 of 132	

	M/s	HAM-LET (ISRAEL-CANADA) LTD. ISRAEL
	M/s	HYD-AIR ENGG. WORKS LONAVLA INDIA
	M/s	MICRO PRECISION PRODUCTS PVT LTD INDIA
	M/s	PARKER HANNIFIN CORPORATION U.S.A.
	M/s	PRECISION ENGINEERING INDUSTRIES INDIA
	M/s	PRIME ENGINEERS INDIA
	M/s	SWAGELOK CO. U.S.A.
	M/s	SWASTIK ENGINEERING WORKS INDIA
	M/s	TECNOMATIC INDIA PVT LTD INDIA
	M/s	HAVI ENGINEERING INDIA PVT. LTD., THANE
	M/s	PANAM ENGINEERS LIMITED, MUMBAI
87	PILOT OPERATED SAFETY VALVE	
	M/s	ANDERSON GREENWOOD CROSBY U.S.A.
	M/s	CURTISS WRIGHT FLOW CONTROL CORPORATION USA, CANADA/UK
	M/s	DRESSER INC. U.S.A.
	M/s	SAFETY SYSTEMS UK LTD U.K.
	M/s	TAI MILANO SPA ITALY
	M/s	TYCO SANMAR LTD INDIA
	M/s	WEIR VALVES & CONTROLS FRANCE (FORM S791) FRANCE
88	PR.REGULATOR & SLAM SHUT VALVE	
	M/s	ELSTER-INSTROMET NV-FORMER. I563 BELGIUM
	M/s	EMERSON PROCES MGMT ASIA PACIFIC PTE LTD SINGAPORE
	M/s	GORTER CONTROLS B.V. NETHERLANDS
	M/s	MOKVELD VALVES BV NETHERLANDS
	M/s	PIETRO FIORENTINI SPA ITALY
	M/s	RMG REGEL+MESSTECHNIK GMBH GERMANY
89	SKIN THERMOCOUPLES	
	M/s	ABB AUTOMATION LTD U.K
	M/s	DAILY THERMETRICS U.S.A
	M/s	DETRIV INSTRUMENTATION & ELECTRONICS LTD INDIA
	M/s	GAYESCO LLC U.S.A
	M/s	GENERAL INSTRUMENTS CONSORTIUM INDIA
	M/s	JAPAN THERMOWELL CO LTD JAPAN
	M/s	NAGMAN SENSORS PVT LTD INDIA
	M/s	PYRO-ELECTRIC INSTRUMENTS GOA PVT LTD INDIA
	M/s	THERMO ELECTRIC CO. INC. U.S.A
	M/s	THERMO-COUPLE PRODUCTS CO U.S.A

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 89 of 132	

	M/s	THERMO-ELECTRA B.V NETHERLANDS
	M/s	TM TECNOMATIC SPA ITALY
90	SPECIAL CONTROL VALVES	
	M/s	DRESSER PRODUITS INDUSTRIELS FRANCE
	M/s	DRESSER VALVE INDIA PVT LTD INDIA
	M/s	EMERSON PROCES MGMT ASIA PACIFIC PTE LTD SINGAPORE
	M/s	FLOWSERVE PTE LTD SINGAPORE
	M/s	ITALVALV S.N.C ITALY
	M/s	KITAMURA VALVE MANUFACTURING CO LTD JAPAN
	M/s	METSO AUTOMATION PTE LTD(FORMERLY NELES) U.K.
	M/s	MOTOYAMA ENGG WORKS LTD JAPAN
	M/s	NUOVO PIGNONE SPA (ITALY) (GE OILCO.) ITALY
	M/s	SAMSON AG MESS-UND REGELTECHNIK GERMANY
	M/s	SPX VALVES & CONTROLS (FORMERLY DEZURIK) U.S.A.
	M/s	WEIR VALVES & CONTROLS UK LTD U.K.
	M/s	MASCOT VALVES PVT. LTD.,AHMEDABAD
91	MAGNETIC LEVEL INSTRUMENTS	
	M/s	ASIAN INDUSTRIAL VALVES & INSTRUMENTS INDIA
	M/s	BLISS ANAND PVT LTD INDIA
	M/s	CHEMTROLS ENGINEERING LTD INDIA
	M/s	K-TEK CORPORATION U.S..A
	M/s	KLINGER FLUID CONTROL GMBH (FORM.R551) AUSTRIA
	M/s	KROHNE MESSTECHNIK GMBH & CO KG GERMANY
	M/s	KSR KUEBLER NIVEAUMESS-TECHNIK AG GERMANY
	M/s	LEVCON INSTRUMENTS PVT LTD INDIA
	M/s	MAGNETROL INTERNATIONAL N.V BELGIUM
	M/s	NIHON KLINGAGE CO LTD JAPAN
	M/s	PHOENIX SYSTEMLEMENTE UND MESSTECHNIK GERMANY
	M/s	PRATOLINA INSTRUMENTS PVT LTD INDIA
	M/s	TECNOMATIC INDIA PVT LTD INDIA
	M/s	V AUTOMAT & INSTRUMENTS PVT LTD INDIA
92	SPECIAL LEVEL INSTRUMENTS (RF TYPE)	
	M/s	AMETEK DREXELBROOK U.S.A
	M/s	ENDRESS + HAUSER GMBH & COMPANY GERMANY
	M/s	K-TEK CORPORATION U.S.A
	M/s	MAGNETROL INTERNATIONAL N.V BELGIUM
	M/s	MOBREY LTD (FORM. S-578) ENGLAND
93	SPEED TANSMITTERS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 90 of 132	

	M/s	ASEA BROWN BOVERY LIMITED SWITZERLAND
	M/s	HANS TURCK GMBH & CO. KG GERMANY
	M/s	JAPAN SERVO CO LTD JAPAN
	M/s	PEPPERL + FUCHS GMBH GERMANY
94	SPL. LEVEL INSTRUMENTS-GUIDED WAVE RADAR	
	M/s	EMERSON PROCESS MANAGEMENT INDIA PVT LTD INDIA
	M/s	ENDRESS + HAUSER GMBH & COMPANY GERMANY
	M/s	K-TEK CORPORATION U.S.A.
	M/s	KROHNE MESSTECHNIK GMBH & CO KG GERMANY
	M/s	L & J TECHNOLOGIES U.S.A.
	M/s	MAGNETROL INTERNATIONAL N.V BELGIUM
	M/s	TOKYO KEISO CO LTD JAPAN
95	TEMPERATURE RECORDERS	
	M/s	ABB AUTOMATION LTD U.K.
	M/s	HONEYWELL INC U.S.A
	M/s	INVENSYS SOFTWARE SYSTEMS (S) PTE LTD SINGAPORE
	M/s	YAMATAKE CORPORATION LTD. JAPAN
	M/s	YOKOGAWA ELECTRIC CORPORATION JAPAN
	M/s	YOKOGAWA INDIA LTD. INDIA
96	RUPTURE DISCS	
	M/s	BS & B SAFETY SYSTEMS (INDIA) LTD INDIA
	M/s	BS&B SAFETY SYSTEMS INC U.S.A.
	M/s	ELFAB HUGHES LTD U.K
	M/s	FIKE EUROPE N.V. BELGIUM
	M/s	OKLAHOMA SAFETY EQUIPMENTS CO. INC. SINGAPORE
	M/s	REMBE GMBH SAFETY+CONTROL GERMANY
	M/s	SAFETY SYSTEMS UK LTD (MARSTON DIVN) U.K.
97	PLANT COMMUNICATION SYSTEM (PAGA)	
	M/s	INDUSTRONIC GMBH
	M/s	NEUMAN ELEKTRONIK GMBH & CO
	M/s	SIEMENS AG
	M/s	FEDERAL SIGNAL CORPORATION
	M/s	COMTROL PTE LTD,SINGAPORE-139948
	M/s	ARMTEL LLC, RUSSIA
	M/s	COMTROL INDUSTRIES PVT. LTD., PALAKKAD
98	FIRE ALARM SYSTEMS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 91 of 132	

	M/s	HONEYWELL AUTOMATION INDIA LTD - FORM .T115 (H150)	TYPE: ANALOGUE ADDRESSABLE
	M/s	NEW FIRE ENGINEERS (P) LTD (N075)	TYPE: 1.CONVENTIONAL,2.ANALOGUE ADDRESSABLE(KEY MODULES,ENGG AND BACK UP SUPPORT SHALL BE FROM M/S SIEMENS BUILDING TECHNOLOGIES INC),PANEL AND CRITICAL COMPONENTS SHALL BE ONGC APPROVED
	M/s	TYCO FIRE & SECURITY INDIA PVT LTD (T026)	SCOPE: 1. M/S TYCO FIRE AND SECURITY(TFS)-INDIA:ENQUIRY RECEIPY,OFFER , ORDER AND DRGS. SUBMISSION,PANEL SOURCING,SAT.2. M/S TYCO SAFETY PRODUCTS(TSP) -USA: ASSEMBLY/MOUNTING OF CPU ,MODULE,COMP. WIRING,TESTING ,FAT
	M/s	UTC FIE & SECUTIRY INDIA LTD - FORM. K125 (U115)	TYPE: CONVENTIONAL AND ANALOGUE ADDRESSABLE SYSTEMS SHALL BE OFFERED EITHER OF M/S AUTRONICA OR EDWARD BRAND
99	SPECIAL LEVEL INSTRUMENTS (TUNNING FORK)		
	M/s	AMETEK DREXELBROOK U.S.A.	
	M/s	ENDRESS + HAUSER GMBH & COMPANY GERMANY	
	M/s	K-TEK CORPORATION U.S.A.	
	M/s	MOBREY LTD (FORM. S-578) ENGLAND	
	M/s	NIVO CONTROLS PVT LTD INDIA	
	M/s	VEGA GRIESHABER KG GMBH GERMANY	
	M/s	VENTURE MEASUREMENT COMPANY U.S.A.	
100	AMBIENT AIR QUALITY/STACK EMISSION MONITORING SYSTEM		
	M/s	Vashti Engineers Pvt Ltd, Guntur	
101	SUSPENDED PARTICULATE MATTER (SPM) MEASUREMENT SYSTEM (IN AMBIENT AIR)		
	M/s	Polltech Instruments Pvt Ltd, Mumbai	
102	LEAK DETECTION SYSTEM		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	INSTRUMENTATION
			Page : 92 of 132	

	M/s	KROHNE OIL AND GAS B.V.	(Through M/S EXIMP MEASUREMENTS PVT. LTD.), PUNE		
	M/s	ENERGY SOLUTIONS INTERNATIONAL (INDIA) PVT. LTD. HYDERABAD			
103	HIPPS (High –Integrity Pressure Protection System)				
	M/s	Manufacturers and Engineers Pvt. Ltd.			
		Approved with following vendor components:			
		SI No	Name of HIPPS component	Name of Component vendor	Country
		1	Ball Valve	Rotex	India
		2	Actuator	Rotex	India
		3	Pressure Transmitter	Honeywell	India
		4	Logic Solver	Emerson	India or Singapore
		5	Solenoid Valve	Rotex	India
		6	High Integrity Pressure Manifold	Astava	The Netherlands

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 93 of 132	

ELECTRICAL

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 94 of 132	

	Name Of Vendor	Remarks
1. BATTERY (NI-CD / LEAD ACID/ VRLA)		
	M/s EXIDE INDUSTRIES LIMITED	
	M/s STANDARD	
	M/s AMCO SAFT INDIA LTD	
	M/s SABNIFE	
	M/s AMARA RAJA POWRER SYSTEMS (P) LTD	
	M/s CHLORIDE SYSTEM, UK/France	
	M/s HBL POWER SYSTEMS LTD	
	M/s FUJI, JAPAN	
	M/s YUASA , JAPAN	
	M/s SAFT POWER SYSTEM, USA	
	M/s KIRLOSKAR BATTERIES PVT LTD	
2. UPS SYSTEM		
	M/s DB POWER ELECTRONICS (P) LTD	
	M/s TATA LEIBERT	
	M/s HITACHI HI-REL POWER ELECTRONICS PVT LTD	
	M/s INSTRUMENTATION LTD.	
	M/s AMARA RAJA	
	M/s SABNIFE	
	M/s SIEMENS LTD	
	M/S STAND BY POWER , USA	
	M/s CHLORIDE SYSTEM , UK/ FRANCE	
	M/s FUJI , JAPAN	
	M/s GUTOR, SWITZERLAND.	
	M/s EMERSON, USA	
	M/s APLAB LIMITED, THANE	
	M/s VERTIV ENERGY PRIVATE LTD, THANE	TRANSISTORISED, SINGLE PHASE, RATING : UPTO 0-130KVA
	M/S BORRI S.P.A., ITALY	
3. PROTECTION RELAY		
	M/s ALSTOM	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/S EASUN REYROLLE LTD	CONVENTIONAL AND NUMERICAL TYPE WITH 40WV DESIGN

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 95 of 132	

	M/S AREVA T&D INDIA LTD	CONVENTIONAL AND NUMERICAL TYPE,MNF LOCATION :PALLAVARAM CHENNAI
	M/S LARSEN & TOUBRO LTD	NUMERICAL TYPE : P&B ENGINEERING U.K. MAKE
	M/s SIEMENS LTD	TYPE : NUMERICAL, BRAND: SIPROTEC&REYROLLE
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	TYPE: NUMERICAL
4.	EARTH LEAKAGE RELAY	
	M/s DATAR SWITCHGEAR PVT LTD	
	M/s HH ELECON	
	M/s OZR	
	M/s PRAYOG.	
	M/s PROK DEVICES PVT. LTD.	With CBCTs
5.	AUXILIARY RELAY	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s JYOTI LTD	
	M/s ALSTOM	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/S AREVA T&D INDIA LTD (T&D GROUP)	MNF. LOCATION:PALLAVARAM,CH ENNAI
6.	LT SWITCHGEAR	
	M/s SIEMENS LTD	
	M/s LARSEN &TOUBRO LTD	
	M/s SCHNEIDER ELECTRIC LTD	
	M/s ALSTOM	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/s TERASAKI, SINGAPUR/JAPAN	
	M/s FUJI LTD	
	M/s HITACHI	
	M/s GE COMPANY UK	
7.	CONTROL SWITCH	
	M/s ABB LTD	
	M/s LARSEN &TOUBRO LTD	
	M/s CGL	
	M/s KAYCEE INDUSTRIES LTD	
	M/s SIEMENS LTD	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/s THAKORE	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 96 of 132	

	M/s ESSEN	
	M/s BCH ELECTRIC LTD	
	M/S RELIABLE ELECTRONIC COMPONENTS PVT LTD	
	M/S SWITRON DEVICES	FOR BREAKERS: RATING 660V/32A, OTHERS: TYPE CAM (440V/10A) ROTARY (440V/63A)
	M/S HOTLINE SWITCHGEAR & CONTROLS	
	M/S AREAVA T&D,India LTD	Chennai
8.	TIMER	
	M/s SIEMENS LTD	
	M/s LARSEN & TOUBRO LTD	
	M/s G I C	
	M/s MINILEC.	
	M/s BCH ELECTRIC	
	M/s ELECON CLIPSAL	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/S ELECTRONIC AUTOMATION PVT LTD	
9.	INSTRUMENT & METER	
	M/s LARSEN & TOUBRO LTD	
	M/s AUTOMATIC ELECTRIC LTD	
	M/s ALSTOM	
	M/s MECO INSTRUMENTS PVT LTD	
	M/s IMP	
	M/s SIMCO	
	M/s UNIVERSAL ELECTRIC	
	M/s RISHAB INSTRUMENTS PVT LTD	
	M/s SECURE	
	M/s CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/S NIPPEN ELECTRICAL INSTRUMENTS PVT LTD	
10.	LDB / MLDB / DCDB	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s ALSTOM	
	M/s MDS	
	M/s INDO ASIAN SWITCHGEARS	
	M/s UNIVERSAL ELECTRICS	
	M/s ELECMECH SWITCHGEARS & INSTRUMENTATION	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 97 of 132	

	M/s SIEMENS LTD	
	M/s STANDARD	
	M/s SCHNEIDER ELECTRIC INDIA LTD	
	M/s HAVELLS	
	M/s G E POWER CONTROLS	
	M/s MORARJI DORMAN, MUMBAI	
	M/s VERSATRIP CIRCUIT BREAKER MFG. LTD, MUMBAI	
	M/s BCH ELECTRIC LTD	
	M/s REUNION ENGG, MUMBAI	
	M/s FABRICON, MUMBAI	
	M/s WILSON & CO. INDIA.	
	M/S C & S ELECTRIC LTD	MANUFACTURED AT C-59, PHASE - II, NOIDA, AND HARIDWAR
	M/S CONTROL & SCHEMATICS LTD	
	M/S GE INDUSTRIAL PVT LTD	MANUFACTURING LOCATION BANGLORE
	M/S LARSEN & TOUBRO LTD	MANUFACTURING AT AHMEDNAGAR
	M/S M K ENGINEERS & CONTROLS PVT LTD	
	M/S HBL POWER SYSTEMS LTD, HYDERABAD	For DCDB
11.	EARTH LEAKAGE CIRCUIT BREAKER	
	M/s DATAR	
	M/s INDO-ASIAN FUSEGEAR LTD	
	M/s MDS	
	M/S HAVELLS INDIA LTD	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/s SIEMENS LTD	
	M/s LARSEN & TOUBRO LTD HAGER	
	M/s SCHNEIDER ELECTRIC INDIA LTD.	
	M/s ELECON CLIPSAL	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/S LEGRANT (INDIA) PVT LTD	
12.	CABLE POWER (HV & MV) & CONTROL	
	M/s ASIAN CABLE & INDUSTRIES LTD	
	M/s CABLE CORPORATION OF INDIA LTD	
	M/s FORT GLOSTER INDUSTRIES LTD	
	M/s INDUSTRIAL CABLES (I) LTD	
	M/s UNIVERSAL CABLES LTD	
	M/s TORRENT CABLES LTD	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 98 of 132	

	M/s INCAB	
	M/s FINOLEX CABLES LTD	
	M/s NICCO CORPORATION LTD	
	M/s RALISON ELECTRICAL PVT. LTD., NEW DELHI	
	M/s KEI INDUSTRIES LTD MUMBAI	
	M/s KUKDONG ELECTRIC , KOREA	
	M/s PIRELLI, ITALY	
	M/s POLYCAB WIRES PVT LTD, MUMBAI	
	M/s ASSOCIATED FLEXIBLES AND WIRES	
	M/s RPG CABLE CO.	
	M/S HAVELLS INDIA LTD	VOLTAGE GRADE : UPTO 11KV (E)
	M/S KEC INTERNATIONAL LTD	VOLTAGE GRADE : UPTO 33KV (E)
	M/S CORD CABLE INDUSTRIES LTD	VOLTAGE GRADE: UPTO 1.1KV
	M/S GEMSCAB INDUSTRIES LTD	VOLTAGE GRADE: UPTO 1.1KV
	M/S ASSOCIATED CABLES LTD	CONTROL CABLES
	M/S CMI LTD	CONTROL CABLES
	M/S DELTON CABLES LTD	CONTROL CABLES
	M/S EVERSHINE ELECTRICALS	CONTROL CABLES
	M/S ELKAY TELELINKS LTD	CONTROL CABLES UPTO 37 CORES
	M/S ECO CABLES PVT LTD	CONTROL CABLES UPTO 61 CORES
	M/S NORTH EASTERN CABLES PVT LTD	CONTROL CABLES UPTO 61 CORES
	M/S PARAMOUNT COMUNICATION LTD	MANUFACTURING UNIT PARAMOUNT CABLES CORPORATION (CONTROL CABLES)
	M/S SRIRAM CABLES PVT LTD	CONTROL CABLES
	M/S SCOT INNOVATION WIRES & CABLES PVT LTD	CONTROL CABLES
	M/S SUYOG ELECTRICALS LTD,VADODARA	POWER CABLE UPTO 185 SQ-MM ,1.1 KV GRADE AND CONTROL CABLES
	M/S THERMO CABLES LTD	CONTROL CABLES
	M/S CHANDRESH CABLES LIMITED,AHMEDABAD	UPTO 11 KV,185 SQ MM CABLE SIZE
	M/S SPECIAL CABLES PVT LTD,NEW DELHI	UPTO 240 SQMM,1.1 KV GRADEFLOTEK
13.	CABLE GLAND	
	M/s VICTORY	
	M/s ALAKH	
	M/s BEECO	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 99 of 132	

	M/s FCG	
	M/s COMET	
	M/s HMI	
	M/s POWER ENGG.	
	M/S DAEBONG ACROTEC CO.LTD	HAZARDOUS AREA, MFG AT BANGLORE WORKS
	M/S DAEKYUNG MACHINERY & ENGINEERING CO.LTD	HAZARDOUS AREA
	M/S DAEKYUNG TECHNOS CO LTD (SOUTH KOREA)	HAZARDOUS AREA
	M/S HITACHI ZOSEN COORPORATION	HAZARDOUS AREA
	M/S KNM PROCESS SYSTEMS SDN BHD	HAZARDOUS AREA
	M/S ROLLE. S.P.A.	HAZARDOUS AREA
	M/S SUNGJIN GEOTECHCO LTD	HAZARDOUS AREA, WORKS DAMAN(KACHIGAM)
	M/S WELDERS NV	HAZARDOUS AREA
	M/S SUDHIR SWITCHGEAR PVT LTD	HAZARDOUS AREA
	M/S STANDARD METAL INDUSTRIES	HAZARDOUS AREA
14.	CABLE LUG	HAZARDOUS AREA
	M/s DOWELLS	HAZARDOUS AREA
	M/s USHA ISMAL	HAZARDOUS AREA
	M/s JENSON	HAZARDOUS AREA
15.	METAL CLAD PLUG & SOCKET (INCLUDING WELDING SOCKET)	
	M/s BHARTIA CUTLER HAMMER	
	M/s BEST & CROMPTON	
	M/s SCHNEIDER ELECTRIC INDIA LTD	
	M/s RB (RYROL BURN)	
16.	FLAMEPROOF PLUG / SOCKET / HAND-LAMP (DGMS approved with approval No. and certificate for specific model type)	
	M/S BALIGA LIGHTING EQUIPMENTS (P) LIMITED	
	M/S FLEXPLO ELECTRICAL PVT LTD	
	M/S FLAMPROOF EQUIPMENTS PVT LTD	RATING UP TO 63 AMP
	M/S FCG POWER INDUSTRIES PVT LTD	
	M/S FCG FLAMPROOF CONTROL GEARS P LTD	WORKS DAMAN (KACHIGAM)
	M/S GOVAN INDUSTRIES (INDIA) P LTD	PLUGS AND SOCKETS ONLY
	M/S SUDHIR SWITCHGEARS PVT LTD	
17.	LIGHT FIXTURE (NON FLAME PROOF)	
	M/s PHILIPS ELECTRONICS INDIA LTD	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 100 of 132	

	M/s BAJAJ ELECTRICALS LTD	
	M/S HAVELLS INDIA LTD	MANUFACTURER: M/S G S LIGHTINGS P LTD-GURGAON
18.	HRC FUSE / BASE	
	M/s GEC ALSTOM,	
	M/s SEIMENS LTD	
	M/s LARSEN & TOUBRO LTD	
	M/s HH ELECON	
	M/S COOPER BUSSMAN INDIA PVT LTD	MV AND HV
	M/S GE INDIA INDUSTRIAL PVT LTD	MANUFG LOCATION: BANGLORE
	M/S INDO ASIAN INDUSTRIAL PVT LTD	MANUFG LOCATION: SONEPAT
19.	INDICATING LAMP / FITTING	
	M/s TELEMIC	
	M/s SEIMENS LTD	
	M/s LARSEN & TOUBRO LTD	
	M/s RAS CONTROLS	
	M/S ESSEN DEINK	
	M/S HOTLINE SWITCHGEAR & CONTROLS	
	M/S PRECIFINE PRODUCTS PVT LTD	
	M/SSHRI TULSI SWITCHGEARS PVT LTD	
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	
	M/S TEKNIC CONTROLS	
20.	Deleted	
21.	415V SWITCHGEAR PANEL (PMCC / MCC)	
	M/s LARSEN & TOUBRO LTD	
	M/s SIEMENS LTD	
	M/s SCHNEIDER ELECTRIC INDIA LTD	
	M/s ALSTOM	
	M/s ELECMECH SWITCHGEARS & INSTRUMENTATION	
	M/s G E POWER CONTROLS	
	M/S ABB INDIA LIMITED, BENGALURU	MCC, PCC, PMCC, AIR CIRCUIT BREAKERS SHALL BE FROM ABB-ITALY, MFG. AT NEELMANGLA BANGLORE
	M/S BCH ELECTRIC LTD., NEW DELHI	
	M/S C & S ELECTRIC LTD	TYPE : MCC, PCC, PMCC MFG. AT C-59, PHASE - II, NOIDA AND HARIDWAR

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 101 of 132	

	M/S CONTROLS & SCHEMATICS LTD	TYPE : MCC, PCC, PMCC, RATING UPTO 1600 AMP
	M/S GE INDIA INDUSTRIAL PVT LTD	TYPE : MCC, PCC, PMCC, MFG. LOCATION BANGALORE
	M/s L K Nes Singapur	
	M/s Pan Electric	
	M/s Terasaki, Singapur/Japan	
	M/s Hitachi	
	M/s HELCO	
	M/s IME Quadri, USA	
	M/s Nuovo Magini, Italy	
	M/s Gaurav Electricals, Ahmedabad	
22.	TRANSFORMER (LTG / CONTROL / POTENTIAL / CURRENT / AUTO)	
	M/s AUTOMATIC ELECTRIC LTD	
	M/s KAPPA ELECTRICALS	
	M/s INDCOIL TRANSFORMERS PVT LTD	
	M/s VOLTAMP TRANSFORMERS LTD	
	M/s LOGIC CONTROLS	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s JYOTI	
	M/s PRAYOG ELECTRICALS	
	M/s GILBERT & MAXWELL	
	M/s PRECISE ELECTRICAL	
	M/s PRAGATI ELE CTRICAL PVT LTD	
	M/s LARSEN & TOUBRO LTD	
	M/s ASHMOR	
	M/s NIKSAN	
	M/s SIEMENS LTD	
	M/s ALSTOM	
	M/s CONTROLS & SWITCHGEAR LTD.	
	M/S GUJARAT PLUG IN DEVICES PVT LTD	LTG TRF UPTO 100KVA
	M/S AREVA T & D INDIA LTD (T & D GROUP)	CURRENT TRANSFORMERS FOR PROTECTION AND METERING ,VOLTAGE RATING UPTO 11KV,MNFR. M/S BMC ELETROPLST P LTD-KOLKATA
	M/S ELECTRICALS CONTROLS & SYSTEMS	INSTRUMENT TRANSFORMERS (HV)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 102 of 132	

	M/S KALPA ELECTRICAL PVT LTD	INSTRUMENT TRANSFORMERS MV TYPE:CURRENT TRANSFORMERS,RATING UPTO 3000/5A,38.41 KA HV TYPE: CURRENT TRANSFORMERS,RATING UPTO 2000/5A,40KA
	M/S GILBERT & MAXWELL ELECTRICAL PVT LTD	INSTRUMENT TRANSFORMERS
	M/S NARYAN POWERTECH PVT LTD	INSTRUMENT TRANSFORMERS (MV): CT UPTO 33KV,500 AMP,PT UPTO 33KV
	M/S SILKANNA ELECTRICALS MFG. CO.PVT. LTD	INSTRUMENT TRANSFORMERS (MV)
23. AIR CIRCUIT BREAKER		
	M/s LARSEN & TOUBRO LTD	
	M/s SIEMENS LTD	
	M/s ALSTOM	
	M/s SCHNEIDER ELECTRIC INDIA LTD.	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/S C&S ELECTRIC LTD	MFG AT A-7 & 8, SECTOR 8 NOIDA
	M/s TERASAKI, SINGAPUR/JAPAN	
	M/s FUJI	
	M/s GE COMPANY, UK	
	M/S HITACHI	
24. AUTO TRANSFORMER STARTER		
	M/s LARSEN & TOUBRO LTD	
	M/s SIEMENS LTD	
	M/s ALSTOM	
	M/s ELECMECH SWITCHGEARS & INSTRUMENTATION	
	M/s BCH	
25. BATTERY CHARGER		
	M/s CHHABI ELECTRICAL PVT LTD	
	M/s AUTOMATIC ELECTRIC LTD	
	M/s SAB-NIFE POWER SYSTEMS LTD	
	M/s UNITED ELECTRIC	
	M/s ELCOT CONTROLS LTD	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 103 of 132	

	M/s SERVILINK	
	M/s USHA	
	M/s INTERNATIONAL RECTIFIER	
	M/s UNIVERSAL INDUSTRIAL PRODUCTS	
	M/s SAB – NIFE, SWEDEN	
	M/s STANDBY POWER SYSTEM, USA	
	M/s YUASA, JAPAN	
	M/s CHLORIDE SYSTEM, UK/France	
	M/s GUTOR, SWITZERLAND	
	M/s FUJI, JAPAN	
	M/s EMERSON, USA	
	M/s SAFT POWER SYSTEM, USA	
	M/S AMARA RAJA POWER SYSTEMS (P) LTD	24V DC-600A/110V DC-250/220V DC-150A
	M/S CALDYNE AUTOMATICS LTD	OUTPUT VOLTAGE : 220V DC (MAX), RATING, 1000AH (MAX)
	M/S DUBAS ENGINEERING PVT LTD	RATING : UPTO 220 VDC, 400 AMP
	M/S HBL POWER SYSTEMS LTD	RATING : UPTO 220 VDC, 400 AMP
	M/S MASS TECH CONTROLS PVT LTD	RATING : a) 220V, UPTO 500A, b) 110V, UPTO 150A, c) 24V, UPTO 600A
	M/S UNIVERSAL INSTRUMENT MFG CO PVT LTD	RATING : UPTO 220 VDC, 400 AMP
26.	ENERGY METER	
	M/s AUTOMATIC ELECTRIC LTD	
	M/s ALSTOM / IMP / SIMCO	
	M/s JAIPUR METALS & ELECTRICALS	
	M/s LARSEN & TOUBRO LTD	
	M/s GEB	
	OR AEC approved vendor for main metering.	
27.	TERMINATION / JOINTING KIT	
	M/s CABLE CORPORATION OF INDIA LTD	
	M/s RAYCHEM RPG LTD	
	M/s M-SEAL	
	M/s DENSON	
	M/s PIDILITE	
	M/S HEATSRINK TECHNOLOGIES LTD	UPTO 33 KV (E)
	M/S THREE M ELCTRO & COMMUNICATION I.P. LTD	UPTO 33 KV

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 104 of 132	

	M/S YAMUNA POWER & INFRASTRUCTURE LTD	UPTO 33 KV(E)
28.	METAL CLAD SWITCH, DB WITH HRC / RE-WIRABLE FUSE, CHANGEOVER SWITCH	
	M/s LARSEN & TOUBRO LTD	
	M/s SIEMENS LTD	
	M/s GE India Industrial Pvt Ltd	
	M/s CONTROL & SWITCHGEAR	
	M/s ALSTOM	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/s ELECON-CLIPSAL	
	M/s KEW	
	M/s INDO-ASIAN	
	M/s HAVELLS.	
29.	LIGHTNING ARRESTOR	
	M/s ELPRO INTERNATIONAL LTD	
	M/s ALSTOM	
	M/s OBLUM ELECTRICAL INDUSTRIES P LTD	
	M/s LAMCO	
	M/s ATLAS	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/S W.S. INSULATOR OF INDIA	
30.	NEUTRAL GROUNDING RESISTOR	
	M/s RSI SWITCHGEAR PVT LTD	
	M/s BHARTIA CUTLER HAMMER LTD	
	M/S RESITECH ELECTRICALS PVT LTD (HV)	
	M/S S R NARKHEEDE ENGINEERING PVT LTD (HV)	
31.	MOTOR	
	M/s BHARAT BIJLEE LTD	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/s ALSTOM	
	M/s NGEF	
	M/s SIEMENS LTD	
	M/s KIRLOSKAR ELECTRIC CO. LTD	
	M/S ABB INDIA LIMITED, BENGALURU	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 105 of 132	

	M/S BHEL-BHOPAL	INDUCTION -HV I(NCREASED SAFETY ZN2 NOT QUALIFIED FOR TYPE EX'E MOROTS DUE TO LIMITATION IN TESTING FACILITIES AS PER IS-6381-2004, REF, SEC -414
	M/S MARATHON ELECTRIC MOTOR LTD (RATING:UPTO 6.6KV)	INDUCTION -HV I(NCREASED SAFETY ZN2 RATING:UPTO 6.6KV, MANF. LOCATION:1, TARATALLA ROAD - KOLKATTA, NOT QUALIFIED FOR TYPE EX'E'
	M/S LAXMI HYDRAULICS PVT LTD (MV- 63 TO 315L)	INDUCTION -MV (INDL. TYPE SAFE AREA, ZONE 2 - TYPE e & n & FLAME PROOF FRAME SIZE 63 TO 315L)
	M/s LAWRENCE SCOTT ELECTRO MOTORS , UK	
	M/s LOHER , GERMANY	
	M/s FUJI ELECTRIC COMPANY LTD, JAPAN	
	M/s PARSON PEEBLES , UK	
	M/s ASI ROBICON, ITALY	
	M/S ASEA BROWN BOVERY LTD (ABB LTD)	
	M/S CEMP SRL	TYPE:M V IND. MOTORS,a)SAFE AREA, b) INCREASED SAFETY, ZONE-2(ex n),c) FLAMEPROOF (Ex d)
	M/S GENERAL ELECTRIC CANADA	TYPE: HV SYNCHRONOUS MOTORS,APPLICATION: SAFE AREA ,Ex 'n '&Ex 'p'
	M/S HITACHI LTD	
	M/S JEUMONT SA/FRAMATONE ANP	
	M/S LLOYD DYNAMOWERKE GMBH & CO. KG	TYPE: HV IND. & HV SYN. MOTORS, APPLICATION : SAFE AREA;ZONE-2 (EX n) &Ex p
	M/S SIEMENS AG	
	M/S TOSHIBA CORPORATION	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 106 of 132	

	M/S WEG EQUIPAMENTOS ELETRICOS S.A.	TYPE: (1) Ex 'e' , 'n' , 'p', AND SAFE AREA, VOLTAGE RATING UPTO 11KV,FRAME SIZE UPTO 1000 (2) Ex 'd' VOLTAGE RATING UPTO 6.6KV, FRAME SIZE UPTO 450
32.	SUBMERSIBLE PUMP	
	M/s KSB	
	M/s KIRLOSKAR	
	M/s CALAMA	
	M/s VASP	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
33.	DG SET (ALTERNATOR- MV)	
	M/s KIRLOSKAR	
	M/s JYOTI	
	M/s NGEF	
	M/s STAMFORD	
	M/s BHEL	
	M/s KATO	
	M/s ALSTOM	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	RATING UPTO 500 KVA
	M/S CUMMINS GENERATOR TECHNOLOGIES I LTD	RATING :30 TO 1250 KVA
	M/S LEROY SOMARE & CONTROLS INDIA PVT LTD	RATING: UPTO 2000KVA
	M/s Marelli, Italy	Up to 1125 KWe
34.	SYNCHRONOUS (FOREIGN)	
	M/S ANSALDO ENERGIA SPA	
	M/S ASEA BROWN BROVERY LTD	
	M/S AVK DEUTSCHLAND GMBH & CO KG	
	M/S FUJI ELECTRIC CO LTD	
	M/S JEUMONT SA/ FRAMATONE ANP	
	M/S MEIDENSHA CORP	
	M/S SIEMENS AG	
	M/S TOSHIBA CORPORATION	
	M/S TOYO DENKI SEIZO K.K.	
34.	FLAMEPROOF PUSH BUTTON STATION	
	(DGMS approved with approval No. and certificate for specific model type).	
	M/s FCGPOWER INDUSTRIES PVT LTD	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 107 of 132	

	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/s BALIGA LIGHTING EQUIPMENTS (P) LTD	
	M/S FLEXPLO ELCTRICALS PVT LTD	
	M/S FLAMEPROOF EQUIPMENTS PVT LTD	
	M/S FCD FLAMPROOF CONTROL GEARS P. LTD	
	M/S GOVAN INDUSTRIES (INDIA) P LTD	
	M/S PROMPT ENGINEERING WORKS	
	M/S SUDHIR SWITCHGEARS PVT LTD	
35.	CAPACITOR BANK	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s UNIVERSAL	
	M/s INDOKEM LIMITED, MUMBAI	
	M/s YESHA	
	M/s ASIAN ELECTRONICS LTD.	
	M/s SAHA SPRAGUE	
	M/s LARSEN & TOUBRO LTD MEHER	
	M/S BCH ELECRIC LTD	
	M/S C & S ELECTRIC LTD	MANFG AT C-58 NOIDA PHASE II
	M/S GE INDIA INDUSRIAL PVT LTD	MANFG AT BANGLORE
	M/S SIEMENS LTD	
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	
36.	APFC PANEL	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s ALSTOM	
	M/s SIEMENS LTD	
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/s SAHA SPRAGUE	
	M/s LARSEN & TOUBRO LTD	
	M/s INDOKEM LIMITED, MUMBAI	
	M/S BCH ELECTRIC LTD., NEW DELHI	
37.	HV SWITCH GEAR	
	M/s SIEMENS LTD	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/s JYOTI	
	M/s NGEF	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 108 of 132	

	M/s ALSTOM	
	M/s VOLTAS	
	M/s DANKE	
	M/s MEI	
	M/s BHEL	
	M/s DREISCHER PANICKER	
	M/s KRUGGS	
	M/s ALLIANCE	
	M/s WESTING HOUSE , USA	
	M/s FUJI , JAPAN	
	M/s HITACHI, JAPAN	
	M/s SACE, ITALY	
	M/s SIEMENS , GERMANY / INDONESIA	
	M/s AREVA T & D INDIA LIMITED , INDIA.	
	M/s SCHNEIDER ELECTRIC INDUSTRIES, FRANCE	
38.	HT CAPACITOR BANK SYSTEM	
	M/S ABB INDIA LIMITED, BENGALURU	
	M/s BHEL	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/s SHAKTI CAPACITORS LTD	
	M/s SHREEM CAPACITORS LTD	
	M/s UNIVERSAL CABLES LTD	
	M/s SIEMENS LTD	
	M/s GE INDIA INDUSTRIAL PVT LTD	
	M/s INDOKEM LIMITED, MUMBAI	
39.	GANG OPERATED SWITCHES & ISOLATORS	
	M/s KRUGGS	
	M/s S&S POWER SWITCHGEAR LTD	
	M/s ABB LTD	
	M/s DANKE	
	M/s DREISHCHER PANICKAR	
	M/s HIVELUM INDUSTRIES	
	M/S PANICKER SWITCHGEAR PVT LTD	
	M/s SIEMENS LTD	UPTO 12KV, 2500 AMP, 40KA
40.	PIN INSULATOR, PORCEILIN BUSHES, DISC, POST INSULATORS	
	M/s JAYA SHREE INSULATORS	
	M/s MODERN INSULATORS	
	M/s ALSTOM	
	M/s SHESASAYEE INDUSTRIES	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 109 of 132	

41. SURGE SUPPRESSORS	
M/s ELPRO INTERNATIONAL	
M/s ALSTOM	
42. POWER & DISTRIBUTION TRANSFORMERS	
M/s BHARAT BIJLEE LTD	
M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
M/s VOLTAMP TRANSFORMERS LTD	
M/s BHEL	
M/s KIRLOSKAR ELECTRIC CO LTD	
M/s VOLTAS	
M/s SCNEIDER ELECTRIC , FRANCE	
M/s GENRAL ELECTRIC, USA	
M/S AREVA T & D INDIA LTD (T & D GROUP)	MFG. LOCATION: NAINI, ALLAHABAD
M/S EMCO LTD	MFG. 1) THANE, RATING: UPTO 50 MVA, 220KV, 2) JALGAON UNIT -1, RATING : UPTO 20MVA 3) JALGAON UNIT - II RATING : UPTO 2 MVA , 33KV
M/S KANO HAR ELECTRICALS LTD	
M/S TRANSFORMERS & ELCTRICAL KERALA LTD	POWER TRANSFORMERS UPTO 5 MVA
M/S VIJALI ELECTRICALS LTD	RATING : UPTO 10MVA, 33KV
M/S INDO TECH TRANSFORMERS LTD	DISTRIBUTION TRANSFORMER RATING : UPTO AND INCLUDING 33KV, 5MVA
M/S RIMA TRANSFORMERS & CONDUCTORS PVT LTD	DISTRIBUTION TRANSFORMER RATING UPTO 33KV, 5MVA
M/S TRANSFORMERS & RECTIFIERS (I) LTD	DISTRIBUTION TRANSFORMER RATING UPTO 33KV, 5MVA
M/S URJA TECHNIQUES (INDIA) PVT LTD, MUMBAI	OIL IMMERSSED TYPE-33KV, 08 MVA
43. FIBRE GLASS CABLE TRAYS	
M/s SUPER REINFORCED PLASTICS ASSOCIATED ENGG. CORP, MUMBAI	
M/s GRIP INDIA, MUMBAI	
M/s SSB INDUSTRIES, BANGALORE	
M/s ERCON COMPOSITES, JODHPUR.	
M/s GENRAL COMPOSUTES , MUMBAI	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 110 of 132	

	M/s ENDURO, USA	
	M/s INDIANA, MUMBAI	
	M/s SUMIP COMPOSITES PVT. LTD.	
	M/s Aeron Composites Pvt. Ltd.	
44.	SECURITY SEARCH LIGHT SYSTEM	
	M/s SIGMA SEARCH LIGHT SYSTEM	
	M/s SURAKSHA PRAKASH	
45.	FLAMEPROOF LIGHTING & DISTRIBUTION BOARD	
	(DGMS approved with approval No. and certificate for specific model type)	
	M/S BALIGA LIGHTING EQUIPMENTS (P) LIMITED	
	M/S FLEXPLO ELECTRICAL PVT LTD	
	M/S FLAMPPOOF EQUIPMENTS PVT LTD	
	M/S FCG POWER INDUSTRIES PVT LTD	
	M/S FCG FLAMPPOOF CONTROL GEARS P LTD	WORKS DAMAN (KACHIGAM)
	M/S SUDHIR SWITCHGEARS PVT LTD	
46.	FLAMEPROOF JUNCTION BOX	
	(DGMS approved with approval No. and certificate for specific model type)	
	M/S BALIGA LIGHTING EQUIPMENTS (P) LIMITED	
	M/S FLEXPLO ELECTRICAL PVT LTD	
	M/S FLAMPPOOF EQUIPMENTS PVT LTD	
	M/S FCG POWER INDUSTRIES PVT LTD	
	M/S FCG FLAMPPOOF CONTROL GEARS P LTD	WORKS DAMAN (KACHIGAM)
	M/S GOVAN INDUSTRIES (INDIA) P LTD (PLUGS & SOCKETS ONLY)	
	M/S SUDHIR SWITCHGEARS PVT LTD	
	M/S PROMPT ENGINEERING WORKS	
47.	FLAME PROOF LIGHTING FIXTURES & ACCESSORIES	
	(DGMS approved with approval No. and certificate for specific model type)	
	M/S BAJAJ ELECTRICAL LTD	MANUFACTURER M/S. ALPINE ELECTRICAL MFG. CO. PVT LTD.
	M/S BALIGA LIGHTING EQUIPMENTS (P) LIMITED	
	M/S CROMPTION GREAVES LTD	APPLICATION : GAS GROUP IIA & IIB, MANUFACTURER: VICTORY LUNNINARIES
	M/S FLEXPLO ELECTRICAL PVT LTD	
	M/S FLAMPPOOF EQUIPMENTS PVT LTD	UP TO 250 WATTS

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 111 of 132	

	M/S FCG POWER INDUSTRIES PVT LTD	
	M/S FCG FLAMPROOF CONTROL GEARS P LTD	WORKS DAMAN (KACHIGAM)
	M/S GOVAN INDUSTRIES (INDIA) P LTD	
	M/S PROMPT ENGINEERING WORKS	
	M/S SUDHIR SWITCHGEARS PVT LTD	
	M/S A.T.X SA	FOREIGN
	M/S R STAHL SCHALTGERATE GMBH	FOREIGN
	M/S VICTOR PRODUCTS PLC	FOREIGN
48. RELAY & CONTROL PANEL		
	M/S ABB INDIA LIMITED, BENGALURU	
	M/S AREVAT T & D INDIA LTD (T & D GROUP)	MANUF. LOCATION: PALLAVARAM CHENNAI
	M/S EASUN REYROLLE LTD	
	M/S ENPRO INDUSTRIAL AUTOMATION PVT LTD	
	M/S GE INDIA INDUSTRIAL PVT LTD	
	M/S SIEMENS LIMITED	
49. SWITCH BOARD FIXED FOR PACKAGE EQUIPMENTS		
	M/S ACCUSONIC CONTROLS PVT LTD	
	M/S DHARIA SWITCHGEAR & CONTROL	
	M/S ELECTRO ALLIED PRODUCTS	
	M/S LARSEN & TOUBRO LTD	MANUFACTURING AT AHMEDNAGAR
	M/S M K ENGINEERS & CONTROLS PVT LTD	
	M/S MAKTEL SYSTEM	
	M/S NITYA ELECTRO CONTROLS	
	M/S POSITRONICS PVT LTD	
	M/S POPULAR SWITCHGEARS PVT LTD	
	M/S TRICOLITE ELECTRICAL INDUSTRIES PVT LTD	WORKS FACILITIES AT 1) SAHIBABAD 2) MANESAR
	M/S UNITED ELECTRIC CO (DELHI) PVT LTD	MANUFACTURED AT GURGAON WORKS.
	M/S VIDHYUT CONTROL (INDIA) PVT LTD	
	M/S ZENITH ENGINEERING CORP.	
50. SWITCH BOARD FIXED FOR PACKAGE EQUIPMENTS FLAME PROOF		
	M/S BCH ELECTRIC LTD	
	M/S BALIGA LIGHTING EQUIPMENTS (P) LTD	
	M/S EX-PROTECTA	
	M/S ELECTRICAL EQUIPMENT CORPORATION	
	M/S FLEXPLO ELCTRICALS PVT LTD	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 112 of 132	

	M/S FLAMEPROOF EQUIPMENTS PVT LTD	
	M/S FCG POWER INDUSTRIES PVT LTD	
	M/S FCD FLAMPROOF CONTROL GEARS P. LTD	
	M/S GOVAN INDUSTRIES (INDIA) P LTD	
	M/S PROMPT ENGINEERING WORKS	
	M/S SUDHIR SWITCHGEARS PVT LTD	
51. HIGH MAST LIGHTING SYSTEM		
	M/S BAJAJ ELECTRICAL LTD	
	M/S CROMPTION GREAVES LTD	MFG. AT M/S BP PROJECTS P LTD - KOLKATTA
	M/S PHILIPS ELECTRONICS INDIA LIMITED	
52. ACTUATORS - MOV		
	M/S AUMA INDIA PRIVATE LTD	SAFE AND HAZARDOUS AREA APPLICATION
	M/S LIMITORQUE INDIA LTD	WEATHER PROOF AND FLAME PROOF
	M/S MARSH ENGINEERS	SAFE AREA APPLICATION
	M/S ROTORK CONTORLS INDIA LTD	SAFE AREA AND HAZARDOUS AREA
53. AC VARIABLE SPEED DRIVE		
	M/S ABB INDIA LIMITED, BENGALURU	TYPE: MEDIUM VOLTAGE, MODEL: ACS 800, SUPPLY FROM ABB INDIA (NEELMANGALA), PANELS FROM EIL ACCEPTED SOURCES. ASSEMBLY AND TESTIG INHOUSE
	M/S BHEL	
	M/S DANFOSS INDUSTRIES PVT LTD	TYPE: M.V, RATING: UPTO 110KW, MODULE FROM DANFOSS- DENMARK/USA, PANELS FROM EIL ACCEPTED SOURCE, INTEG AND TESTING AT CHENNAI WORKS. TESTING (MOTOR+VFD) AT MOTOR MFG WORKS FOR HIGHER RATING

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 113 of 132	

	M/S EUROTHERM DEL INDIA LTD	TYPE:MEDIUM VOLTAGE,RATING UPTO 55KW
	M/S KIRLOSKAR ELECTRIC CO LTD	TYPE: MEDIUM VOLTAGE , MFG LOCATION AT MYSORE
	M/S LARSEN & TOUBRO LTD	TYPE MEDIUM VOLTAGE
	M/S ROCKWELL AUTOMATION INDIA PVT LTD	TYPE: MEDIUM VOLTAGE,MAIN POWER BLOCK AND CONTROLLER FROM M/S ROCKWELL AUTOMATION PANELAND ACC EIL APROVED SUPPLIER SYS ENGG/ASSLY/WIRING/FUNCT IONAL TESTING BY M/S ROCKWELL INDIA
	M/S SIEMENS LIMITED	TYPE: MEDIUM VOLTAGE,MAIN POWER BLOCK AND CONTROLLER FROM M/S SIEMENS- GERMANY.APPLICATION ENGG/PANEL MOUNTING AND WIRING BY M/S SIEMENS INDIA
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	TYPE: MEDIUM VOLTAGE,RATING UPTO 110KW,M/S SCHNEIDER FRANCE TO DO BASIC ENGG,VETTING OF DOC. PANELS FROM THE EIL APPRVD, SOURCES, ASSY,WIRING AND TESTING IN HOUSE
54. BIMETAL RELAYS		
	M/S ABB INDIA LIMITED, BENGALURU	RATING: 0.1 TO 32 A(TYPE T25),18A TO 80A(TYPE T75),29A TO 80A (TYPE T 80),CT OPERATED RELAYS 65A TO 400A
	M/S BCH ELECRIC LTD	
	M/S C & S ELECTRIC LTD	MFG AT C-58 NOIDA PHASE - II

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 114 of 132	

	M/S GE INDIA INDUSTRIAL PVT LTD	
	M/S LARSEN & TOUBRO LTD	MFG AT AHMEDNAGAR
	M/S SIEMENS LIMITED	
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	
55. BUS DUCTS (M.V.)		
	M/S AERO ENGINEERS	
	M/S ALFA LEVAL INDIA LTD	
	M/S ALSTOM PROJECTS INDIA LIMITED	
	M/S ANUP ENGINEERING LIMITED	
	M/S BENGAL TOOLS LIMITED	
	M/S BHEL	HARIDWAR, BHOPAL
56. BUS DUCT (H.V.)		
	M/S BHEL	TYPE: ISOLATED PHASE
	M/S C & S ELECTRIC LTD	UPTO 11KV, MNFG AT B1,SITE IV,SURAJPUR INDUSTRIAL AREA,KASNA ROAD,GREATER NOIDA,UP AND HARIDWAR
	M/S ENPRO ENGINEERING	RATING UPTO 11KV,3000A,S.C. 40KA FOR 1 SEC
	M/S KGS ENGINEERING LTD.	RATING UPTO 11KV,2000A
	M/S NARMADA SWITCHGEAR PVT LTD	RATING UPTO 6.6KV,2000A,40KA FOR 1 SEC
	M/S UNITED ELCTRIC CO (DELHI) PVT LTD	MFG AT GURGAON WORKS
57. BUCHHOLZ RELAY		
	M/S ATVUS INDUSTRIES	
	M/S A J SERVICES	
58. CIRCUIT BREAKER SF-6 OUTDOOR EHV		
	M/S ABB INDIA LIMITED, BENGALURU	
	M/S AREVA T & D INDIA LTD (T & D GROUP)	MNF LOCATION:PADAPPAI,CHEN N AI
	M/S BHEL	
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
	M/S SIEMENS LTD	RATING 72.5 TO 420 KV,3150A,SC RATING:50KA,SUPPLY FROM AURANGABAD
59. HEAVY DUTY SWITCHES		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 115 of 132	

	M/S C & S ELECTRIC LTD	MANUFACTURED AT A-7&8, SECTOR 8, NOIDA
	M/S INDO ASIAN INDUSTRIAL PVT LTD	MNFG LOCATION-SONEPAT
	M/S LARSEN & TOUBRO LTD	MANUFACTURING AT AHMEDNAGAR
	M/S SIEMENS LTD	
60. HEAT TRACERS		
	M/S THERMON INDIA PRIVATE LIMITED	
	M/S CHROMALOX INC, USA	(Through THEIR INDIAN SUBSIDIARY M/S CHROMALOX INDIA PRECISION HEAT & CONTROL PRIVATE LIMITED)
61. LIGHTING & POWER PANELS (SAFE AREA)		
	M/S ABB INDIA LIMITED, BENGALURU	MANUFACTURING AT HARIDWAR
	M/S C & S ELECTRIC LTD	MANUFACTURED AT C-59, PHASE II, NOIDA AND HARIDWAR
	M/S HAVELLS INDIA LTD	MANUFACTURED AT FARIDABAD
	M/S INDO ASIAN FUSEGEAR LTD	MANUFACTURING LOCATION JALANDHAR
62. MCB		
	M/S ABB INDIA LIMITED, BENGALURU	CURRENT RATING: FROM 0.5 AMP TO 63 AMP, MFG. AT HARIDWAR
	M/S DATAR SWITCHGEAR PVT LTD	CURRENT RATING UP TO 63 AMP (MCB+ELCB)
	M/S HAVELLS INDIA LTD	MANUFACTURED AT BADDI (HIMACHAL)
	M/S INDO ASIAN FUSEGEAR LTD (RATING UPTO 63 AMP)	MANUFACTURING LOCATION: NOIDA AND HARIDWAR, RATING UPTO 63 AMP
	M/S INDIAN CURRENT CONTROL LTD	
	M/S LEGRAND (INDIA) PVT LTD	
	M/S SIEMENS LTD (CURRENT RATING: UPTO 63 A)	CURRENT RATING: UPTO 63 A, MANUFACTURING AT AURANGABAD
	M/S STANDARD ELECTRICALS LTD	MANUFACTURING LOCATION: HARIDWAR
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD (RATING : UPTO 63 AMP)	RATING : UPTO 63 AMP
63. MCCB		

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 116 of 132	

	M/S GE INDIA INDUSTRIAL PVT LTD	MANUFACTURING LOCATION BANGLORE
	M/S LARSEN & TOUBRO LTD	
	M/S SIEMENS LTD	MANUFACTURING AT KALWA MUMBAI
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	
	M/S BCH ELECTRIC LTD., NEW DELHI	
64. MAGNETIC OIL LEVEL GAUGE		
	M/S INSTRUMENT & CONTROLS	
	M/S SUKRUT UDYOG	
65. OIL TEMPERATURE INDICATOR		
	M/S PRECIMEASURE CONTROLS PVT LTD	
	M/S PERFECT CONTROLS	
66. VACUUM INTERRUPTER		
	M/S AREVA T & D INDIA LTD (T & D GROUP)	MNF. LOCATION : SALT LAKE KOLKATA,RATING UPTO 36 KV
	M/S ABB GLOBAL INDUTRIES & SERVICES LTD	RATING:UPTO 12 KV,3150 AMP,SC 40KA
	M/S CG POWER AND INDUSTRIAL SOLUTIONS LIMITED, MUMBAI	
67. WINDING TEMPERATURE INDICATOR		
	M/S PRECIMEASURE CONTROLS PVT LTD	
	M/S PERFECT CONTROL	
68. CP SYSTEM		
	M/S CORROSION TECHNOLOGY SERVICES INDIA (PVT) LTD	
	M/SCONSTRUCTION GUILD	
	M/S CORMIT ELECT PROJECTS PVT LTD,	
	M/S GOLCONDA CORROSION CONTROL (P) LTD.	
	M/S JSIW INFRASTRUCTURE PVT LTD	
	M/S RAYCHEM RPG (P) LTD	
	M/S BASICS TECHNO SERVICES PVT. LTD.	
	M/S CORRTECH INTERNATIONAL PVT. LTD., AHMEDABAD	
	M/s SARK EPC PROJECTS PVT. LTD., AHMEDABAD	
69. CONTROL PANEL FLP		
	M/S BALIGA LIGHTING EQUIPMENTS (P) LIMITED	
	M/S FLEXPLO ELECTRICAL PVT LTD	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	ELECTRICAL
			Page : 117 of 132	

	M/S FLAMPROOF EQUIPMENTS PVT LTD	FOR EOT CRANE APPLICATIONS
	M/S FCG POWER INDUSTRIES PVT LTD	
	M/S FCG FLAMPROOF CONTROL GEARS P LTD	WORKS DAMAN (KACHIGAM)
	M/S SUDHIR SWITCHGEARS PVT LTD	
70. PUSH BUTTONS		
	M/S BCH ELECTRIC LTD	
	M/S C & S ELECTRIC LTD	MANUFACTURED AT C-58 NOIDA PHASE II
	M/S ESSEN DEINK	
	M/S HOTLINE SWITCHGEAR & CONTROLS	
	M/S LARSEN & TOUBRO LTD - POWAI	
	M/S SIEMENS LIMITED	
	M/S SHRI TULSI SWITCHGEARS PVT LTD	
	M/S SCHNEIDER ELECTRIC INDIA PVT LTD	
	M/S TEKNIC CONTROLS	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPELINE
			Page : 118 of 132	

PIPELINE

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPELINE
			Page : 119 of 132	

1	CS PIPES (EW, LSAW, HSAW & SEAMLESS) AS PER API 5L FOR MAIN PIPE LINE.	
	M/s	MAHARASHTRA SEAMLESS LTD.
	M/s	BHEL (TRICHY).
	M/s	INDIAN SEAMLESS METAL TUBES LTD.
	M/s	JINDAL PIPES LIMITED
	M/s	JINDAL SAW LTD.
	M/s	WELSPUN CORP LIMITED, MUMBAI (Excluding Seamless)
	M/s	SURYA ROSHNI LTD.
	M/s	RATNAMANI METALS AND TUBES LTD- For erw UPTO 16" UPTO 8.7 mm and upto X-65 grade
	M/s	MAN INDUSTRIES (I) LTD.
	M/s	NSC, JAPAN
	M/s	mitsubishi, JAPAN
	M/s	MGL, FRANCE
	M/s	SUMITOMO, JAPAN
	M/s	V &M, GERMANY
	M/s	NKK, JAPAN
	M/S	HYUNDAI PIPE CO. LTD (ENQ HYUNDAI CORPN)- For ERW Upto X65
	M/S	IPSCO INC -ERW Upto Grade X-65
	M/S	SEAH STEEL CORPORATION- For ERW Upto Grade-X-65
	M/S	TUBACERO S.A.-For ERW Upto Grade X-70
	M/S	TATA STEE UK -For ERW
	M/S	UMRAN STEEL PIPE INC -For ERW PIPES upto X-60
	M/s	TENARIS DALMINE, ITALY
	M/S	HUSTEEL CO. LTD -For ERW Upto X-65
	M/s	TAMSA, MEXICO
	M/s	MARUBENI, JAPAN
	M/s	ITOCHU, JAPAN
	M/s	KAWASAKI, JAPAN
	M/s	MANNESMANNROHREN WERKE , GERMANY
	M/s	THYSSEN, GERMANY
	M/s	EUROPIPE, FRANCE
	M/s	ILVA, ITALY
	M/s	mitsui
	M/s	MITTAL STEEL ROMA S.A. , ROMANIA
	M/s	EEW GMBH & CO., GERMANY
	M/s	North China Petroleum Steel Pipe Co. Ltd (Coated Line Pipe)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPELINE
			Page : 120 of 132	

	M/s	JINDAL INDIA LIMITED - For ERW Line Pipe 6" to 18" up to Grade X70
Note: Line pipe shall be sourced from mills/ manufacturing plants appearing in the above list.		
2	PIPELINE VALVES AS PER API 6D & FIRE SAFE AS PER API 6FA. (FULL & REDUCED BORE BALL VALVES)	
	M/s	L&T Valves Ltd. India
	M/s	VIRGO ENGINEERS LTD., PUNE.
	M/s	FISHER XOMOX SANMAR LTD.
	M/s	PETROL VALVES, ITALY
	M/s	GROOVE ITALIA SPA, ITALY.
	M/s	AUTOMECH ENGINEERS PVT. LTD.,MUMBAI
	M/s	AV VALVES LTD.
	M/s	PERAR SPA, ITALY.
	M/s	STEEL STRONG VALVES (I) PVT. LTD., MUMBAI.
	M/s	COOPER CAMERON, SINGAPORE.
	M/s	KMC CORPORATION, KOREA.
	M/S	MICROFINISH VALVES PVT LIMITED- Size UPTO 30" UPTO 600# & 2"-16" 900# 2 PIECE CONSTRUCTION CAST STEEL BODY WITH SS BALL WITH DOUBLE BLOCK AND BLEED FEATURE
	M/S	OSWAL INDUSTRIES LTD- CS 150-600# , BOLTED -PRIMARY METAL SECONDARY SOFT SEATED.
	M/S	FRANZ SCHUCK GMBH (FORMERLY BORSIG O B 506)
	M/S	KITAMURA VALVE MANUFACTURING CO . LTD
	M/S	MSA A. S.- SIZE UPTO 48" 600# , SIZE UPTO 36" UPTO 900#
	M/S	OMS SALERI
	M/S	VALBART SRL -SIZE UPTO 30" UPTO 900# , 32"-48" UPTO 600#
	M/S	PIBIVIESSEE S P A- SIZE UPTO 48"
	M/S	PCC BALL VALVES SRL-SIZE 2"-20" , RATING 150#-900# , SIZE 2"-8" NB RATING 1500#
	M/s	Anand Teknow Aids Engineering India Ltd (up to #600 only)
	M/s	PHBB VALVES PVT LTD, PUNE - FULL BORE BALL VALVE – FULLY WELDED TRUNNION TYPE, SIZE: UP TO 300 mm N.D. & UP TO 1500 CLASS
3	COALTAR ENAMEL & SYNTHETIC PRIMER	
	M/s	RAIPUR TAR PRODUCTS, RAIPUR.
	M/s	PORWAL TAR PRODUCTS (P) LTD. , RAIPUR.
	M/s	LLOYD INSULATION (INDIA) LTD.
	M/s	EASTERN COATINGS AND SERVICES (P) LTD.
	M/s	SHALIMAR TAR PRODUCTS.
4	FIBRE GLASS INNER WRAP	

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPELINE
			Page : 121 of 132	

	M/s	UP TWIGA FIBRE GLASS LTD.,N.DELHI.
5	COALTAR IMPREGNATED GLASS FIBRE OUTER WRAP(AWWA C-203)	
	M/s	TIKI TAR INDUSTRIES, VADODARA.
	M/s	LLOYD BITUMEN PRODUCTS.
	M/s	A. R. LAMINATOR, VADODARA.
6	3 LAYER POLYETHYLENE COATING	
	M/s	PSL,
	M/s	WELSPUN CORP LIMITED, MUMBAI
	M/s	MAN INDUSTRIES, NEW DELHI.
	M/S	ESSAR STEEL LTD
	M/S	JINDAL SAW LTD
	M/S	JINDALINDIA LTD
	M/S	MAHARASTRA SEAMLESS LTD
	M/S	PRATIBHA INDUSTRIES LTD
	M/S	RATNAMANI METALS AND TUBES LTD
	M/S	AL-QAHTANI PIPE COATING TERMINAL
	M/S	SYNION PIPES AND COATINGS PVT LTD
7	SHRINK SLEEVES	
	M/s	SEAL FOR LIFE INDIA PVT LTD, VADODARA
	M/s	CANUSA-CPS, CANADA
	M/s	RAYCHEM RPG PVT LTD, JANAKPURI, NEW DELHI-110058(FOR ONE YEAR ONLY)
8	CONCRETE COATING	
	M/s	WELSPUN CORP LIMITED, MUMBAI
	M/s	PSL, INDIA.
	M/s	JINDAL SAW LTD.
9	MONOLITHIC ISOLATION JOINT	
	M/s	ALFA ENGINEERING, ITALY
	M/s	IJAS EQUIPMENT PTE.LTD. SINGAPORE.
	M/s	ZICOM EQUIPMENT PTE.LTD., SINGAPORE.
	M/s	PROC HIND INTERNATIONAL
	M/s	ZUNT ITALIA, ITALY.
	M/s	VEE KAY VIKRAM & CO. LLP, AHMEDABAD (up to # 600 class)
	M/S	ADVANCE ELECTRONICS SYSTEMS-UPTO 18" UPTO 600#
	M/S	IGP ENGINEERS PVT LTD
	M/S	NUOVA GIUNGAS S.R.L.
10	PIG INDICATOR	
	M/s	T D WILLIAMSON, USA

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPELINE
			Page : 122 of 132	

	M/s	PIPELINES ENGINEERING SUPPLY, UK
	M/S	FORAIN S.R.L.
	M/S	GD ENGINEERING
	M/S	BGR ENERGY SYSTEMS LTD, TAMIL NADU
	M/S	VEE KAY VIKRAM & CO. LLP, AHMEDABAD
11	SCRAPPER TEES	
	M/s	T D WILLIAMSON, USA
	M/s	PIPELINES ENGINEERING SUPPLY, UK
	M/s	SCHULZ EXPORT GMBH, GERMANY
	M/s	MULTITEX FILTRATION ENGINEERS LTD. , INDIA
	M/s	BGR ENERGY SYSTEMS LTD, TAMIL NADU
	M/s	SAWAN ENGINEERS PVT LTD
	M/s	TUBE PRODUCTS INCORPORATE-SIZE UPTO 24 X 24" & THK UPTO 14.3 MM
	M/s	VALVITALIA SPA-TECHNFORGE DIVISION -SIZE UPTO 24"
	M/s	VEE KAY VIKRAM & CO. LLP, AHMEDABAD
	M/s	UDKAM PROCESS EQUIPMENT INDIA PVT LTD., GREATER NOIDA
12	HINGED CLOSURES	
	M/s	PERRY EQUIPMENT CORPORATION, USA
	M/s	T D WILLIAMSON, USA
	M/s	PIPELINE ENGINEERING SUPPLY, UK
	M/s	VEEKAY VIKRAM & COMPANY PVT. LTD., AHMEDABAD (CS (NON-NACE)
	M/s	MULTITEX FILTRATION ENGINEERS LTD. , INDIA
	M/S	FORAIN S.R.L.
	M/S	GD ENGINEERING
	M/S	PECO FACET
	M/S	FULGOSI SRL
	M/S	BGR Energy Systems Ltd, Tamil Nadu
13	LAUNCHER / RECEIVER ASSEMBLY (ASME-B31.4/31.8) -(ASME Sec VIII Div1)	
	M/s	T D WILLIAMSON, USA
	M/s	PIPELINE ENGINEERING & SUPPLY CO. UK
	M/s	L&T, INDIA
	M/s	FAI OFFICINE DI CARVICO S.P.A., ITALY (CS-NACE & CS-NON NACE)
	M/s	VEEKAY VIKRAM & COMPANY PVT. LTD., AHMEDABAD (CS NON-NACE)
	M/s	VEEKAY VIKRAM & COMPANY PVT. LTD., AHMEDABAD (NACE)
	M/s	MULTITEX FILTRATION ENGINEERS LTD. , INDIA
	M/S	CONTROL PLUS OIL & GAS SOLUTIONS PRIVATE

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	PIPELINE
			Page : 123 of 132	

	M/S	FORAIN S.R.L.
	M/S	FULGOSI SRL-SIZE UPTO 18" X 12" RATING UPTO 600#
	M/S	SIMA & TECTUBI SPA
	M/S	BGR ENERGY SYSTEMS LTD, TAMIL NADU
	M/S	INDCON PROJECTS & EQUIPMENT LTD, NEW DELHI
	M/s	OSWAL INFRASTRUCTURE LIMITED, GANDHI NAGAR (GUJARAT): FOR PIG LAUNCHERS & RECEIVERS SIZE UPTO 30"ND 600 CLASS WITH SUPPLY OF QOEC AS BOUGHT OUT ITEM FROM ONGC APPROVED VENDORS.
14	CORROSION PROBES	
	M/s	COSASCO DIVISION, USA
	M/s	REHRBACK COSASCO, USA
	M/s	Mc MURRAY, USA
	M/s	CAPROCO, CANADA
	M/s	ATEL, ITALY
	M/s	EMERSON PROCESS MANAGEMENT S.R.L.
15	5D BENDS	
	M/s	FABRICOM GTI, BELGIUM
	M/s	JINDAL SAW LTD.
	M/s	SUNGJIN, KOREA
	M/s	IGAWARA, SINGAPORE
	M/s	PSL, KANDLA.
	M/s	PROCLAD INDUCTION BENDING, U.K.
	M/s	TENARIS DALMINE, ITALY
	M/s	DAI-ICHI, JAPAN
	M/s	PIPELINE ENGINEERING, UK
	M/s	WELSPUN CORP LIMITED, MUMBAI
	M/s	RATNAMANI METALS & TUBES LIMITED, AHMEDABAD
	M/s	UDKAM PROCESS EQUIPMENTS INDIA PVT LTD, GREATER NOIDA
16	HDPE LINE PIPES & FITTINGS	
	M/s	SANGIR PLASTICS PVT. LTD., MUMBAI
	M/s	JAIN IRRIGATION SYSTEMS LTD.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 124 of 132	

CIVIL

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 125 of 132	

1	Ceramic tiles for building flooring / skirting / dado	H&R JoHnson Ltd./ Somany/ Pilkington Ltd. / Kajaria / Bell Ceramic / SPARTEK
2	Ceramic / glazed tiles for toilet flooring / dado	H&R JoHnson Ltd./ Somany/ Pilkington Ltd. / Kajaria / Bell Ceramic / SPARTEK / NITCO / REGENCY
3	Antistatic PVC flooring / TILES	ROYAL / ARMSTRONG / KRISHNA / Wonder floor/ Poly floor
4	Kerbing / Pre-finished Cement Tiles	EUROCON / ULTRA
5	Distemper / ACRYLIC EMULSION Paint / Primer	ICI / BERGER/ NEROLAC/ JENSON & NICHOLSAN/ British Paints / Asian Paints (Butterfly / Apcolite)/ SHALIMAR / NE PAINT UDYOG, NE Paint Udyog Ltd.
6	Waterproofing cement paint	Snowcem / Indocem / DURACEM/ SUPREME/ SURFACEM
7	CI Rain water / Soil pipes and CI accessories	NECO or ISI marked as approved by the Engineer-in-Charge
8	MS Pipe / G.I. Pipe	ZENITH/ TATA/ Jindal / GST
9	M.S. / G.I. Fittings	TATA / 'R' BRAND
10	Pre-laminated/Plain particle boards	Bhutan boards / Ecoboard / Novapen
11	Glazing/ Glass	INDO-ASAHI/ Hindustan Pilkington./ Triveni /Atul / Modi FLOAT / SAINT GOBAIN
12	BWP Ply / Plywood/ Common ply/ Flush door	NATIONAL / Corebet/ Green ply / Kit ply
13	Sanitary ware (Water closet/ wash basin/ urinal/ flushing Cistern/ WC cover etc.)	Hindustan / PARYWARE / NEYCER/ Cera
14	C.P. brass fittings	ARK-SOMA/ NOVA-SPECTRUM/ METRO- SUPER/ PARKO/ ESSCO
15	Flush Valve	ARK-SOMA/ NOVA-SPECTRUM/ METRO- SUPER/ PARKO/ ESSCO
16	Bib cock / Stop Cock	ARK-SOMA/ NOVA-SPECTRUM/ METRO- SUPER/ PARKO/ ESSCO
17	Wheel valve/ gate valve (brass)	ORIENT / leader
18	Brass float valve with Copper floats	ORIENT / leader

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 126 of 132	

19	Floor Traps / Nahani Traps	I.S. APPROVED
20	Mirror	Modi / Atul
21	PVC Pipe	Supreme/ Finolex / PRINCE/ HYCOUNT
22	PVC Pipe Fittings	Supreme/ PRINCE/ STAR
23	A.C. Sheets	Everest/ Lotus/ Charminar
24	P.V.C. Tanks	Sintex/ Reno/ INFRA/ FUSSION/ UNIPLAS/ PATTON
25	Hydraulic Door closer	Prabhat / Hadwyn / Godrej
26	Aluminum section	INDAL/ /Jindal
27	Locks	GODREJ / HARRISON
28	Anodized aluminium hardware fittings	SHALIMAR /GARNISH or ISI Marked.
29	Water proofing Compound	FOSROC/ ROFF/ SIKA MULTIPLAS/ Acco proof.
30	Floor Hardener	IRONITE/ HARDONITE/ FERROKE
31	P.V.C handrail	Fixopan/ Caliplast
32	Rigid PVC Conduit Medium Gauge wall thickness ISI & FIA approved & manufactured from virgin material. Precision/ AKG	Medium Gauge wall thickness ISI & FIA approved & manufactured from virgin material. Precision
33	Accessories for conduit	Same make as of pipe
34	Flexible Copper Wires	R.R. Kable/ Havells/ FINOLEX
35	Switches	LK (Denish Range)/MDS / ANCHOR/ LEGRAND
36	Telephone wires/ CAT 6 wire	RR Kable/ Delton/ AT&T as per ITD S/WS-113 B.
37	PVC tape	Steel grip/ Anchor
38	Switch Plate	Decolam Hylam sheet 3.0 mm thick. OR Sintex SMC sheets
39	Button holder/ Angle older/Ceiling rose	Anchor/ CPL
40	M.S. Conduit ISI	BEC/ Steel Craft/ AKG.(14GUAGE)
41	Ceiling Fans, Exhaust Fan	Crompton/ Orient/ Usha/ Bajaj/ Almonard/ Clipsal/ KHAITAN
42	Steel Doors & Windows	SEN HARVIC/ AGEW / SENTIANAL/ HOPES METAL/ MULTIWYN/ NCL SECCOLOR LTD.

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 127 of 132	

43	Aluminum Doors, Windows & Wall spans	AJIT INDIA/ ALUMILITE/ INDAL/ JINDAL/ JUPITER WINDOWS
44	PA System/ Amplifier	Mega/ Shure/ Philips
45	Speaker / Mic	Mega/Shure/ Philips
46	EPABX/Telephone instrument	Seimens/ TATA/ ITI/ BPL / MATRIX/ BETEL
47	Air-conditioners	Samsung/ LG/ Carrier/ Voltas/ Electolux/ BLUE STAR/ GE/ NATIONAL/ HITACHI
48	Television	Sony/Samsung/ LG / PHILIPS/ VIDEOCON
49	DVD Player	Sony/Samsung/ LG / PHILIPS/ VIDEOCON
50	Water Cooler	VOLTAS/ USHA/ CARRIER / BLUE STAR
51	R.O. Plant	EUREKA FORBES
52	Furniture (Modular)	GODREJ / FEATHERLIGHT
53	P.C.	IBM / HP/ HCL/ COMPAQ
54	Printer	HP/ SAMSUNG/ EPSON
55	TMT Bars	Steel Authority of India Limited (SAIL)/ Rashtriya Ispat Nigam Limited (RINL)/ Tata Iron & Steel Company (TISCO)/ Essar Steel (ESSAR)/ Jindal Steel & Power Limited (JINDAL)/ Shyam Steel Industries, Kolkata/ SRMB Udyog Limited, Kolkata/ Usha Martin, Ranchi/Jamshedpur/ Rathu Udyog Ltd, Ghaziabad
56	Structural Steel (Including plates)	Steel Authority of India Limited (SAIL)/ Rashtriya Ispat Nigam Limited (RINL)/ Tata Iron & Steel Company (TISCO)/ Essar Steel (ESSAR)/Jindal Steel & Power Limited (JINDAL)
57	Cement	Associated Cement Companies Limited (ACC Cement)/ Ultratech Cement Limited (L&T Cement / Aditya Birla Cement / Ultratech)/Gujarat Ambuja Cements Limited (Gujarat Ambuja Cement)/Shree Cement limited (Shree Ultra Cement / Bangur Cement)/Lafarge Cement India Limited (Lafarge Cement)/Cement Corporation of India Limited (CCI Cement)/Jaypee Cement Limited (Jaypee Cement)/JK Lakshmi Cement Limited (JK Lakshmi Cement)/Madras Cement Limited (Ramco Cement) AND The registered Cement companies enlisted at INAM Pro the portal of Ministry of Road Transport & Highways, Govt. of India (www.inampro.nic.in)

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 128 of 132	

GENERAL

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 129 of 132	

LIST OF API CERTIFIED COMPANIES MANUFACTURING STANDARD FIBERGLASS PIPES FOR HYDROCARBON FLOW LINES, EFFLUENT WATER, INJECTION WATER, PRODUCED WATER & FIRE WATER SERVICES FOR ONSHORE

Sl.	Name and Address of Company	Licence No	Licence No
1	Abu Dhabi Pipe Factory, Mafraq- Tarif Road, P.O Box No – 4526, Abu Dhabi, United Arab Emirates, Tel: 971/ 2-582-1600, Fax: 971/ 2-582-3289, Website: www.adpf.ae	15HR-0010	15LR-0015
2	Advanced Composites FZC, Sharjah, , PO Box 41632, Hamriyah Free Zone, United Arab Emirates Tel: 971(6)5263771, Fax: 971(6)5263772	15HR-0009	15LR-0014
3	Composites Pipes Industry LLC, Sohar, Sultanate of Oman, Tel: +968 26751995, Fax: +968 26751996 Website: www.cpioman.com	15HR-0031	15LR-0030
4	Daqing Harvest Longwall High Pressure FRP Pipe Co., Daqing City, Heilongjiang, People's Republic of China, Tel: 86 -459-4616839, Fax: 86-459-461-7886 Email: liuyuying@hanweienergy.com.cn, Website: www.hanweienergy.com	15HR-0013	15LR-0021
5	EPP Composites Pvt. Ltd., Plot No. 2646, Kranti Road, Gate Main Road, Kalavad Road, Metoda, Lodhika, Rajkot, Gujarat - 360 002, India, Tel: +(91)-(281)-2361623, Fax: +(91)-(281)-2361531, Email: eppcomposites@gmail.com, info@atikagroup.com , Website: www.eppcpl.com	X	15LR-0026
6	Extra Co. Fibre Glass & Prefab Houses LLC, Sharjah, United Arab Emirates, Tel: 971 (6) 5432538, Fax. : 971 (6) 5421381, Email : info@extraco.ae, Website: www.extraco.ae	15HR-0007	15LR-0011
7	Fiber Glass Systems, L. P., San Antonio Facility, San Antonio, TX, USA, San Antonio, TX 78237, Tel: 1 210-434-5043, Fax: 1 210-434-7543, Website: www.varco.com	15HR-0001	X

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 130 of 132	

8	Fiber Glass Systems , Wichita Facility, 2501 South West Street Wichita, KS 67217-1025, USA Tel: (316) 946-3900, Fax: (316) 942-2061, Website: www.varco.com	15HR-0004	15LR-0004.1
9	Fiber Glass Systems , L.P., Little Rock Facility, Little Rock, AR, USA, Website: www.varco.com	X	15LR-0004
10	Future Pipe Industries (LLC) , Yellow Box Division, P.O. Box 8513, Al-Khobar 31492, Dammam, Saudi Arabia, Tel: 966 (3) 812 3454, Fax: +966 (3) 812 3453 Email: sales-saudiarabia@futurepipe.com , Website: www.futurepipe.com	15HR-0022	15LR-0020
11	Future Pipe Industries, Inc. , Houston, TX, USA, 11905 Proctor Road, Houston, Tel: 1 (281) 847 2987, Fax: +1 (281) 847 4216, Email: sales-houston@futurepipe.com , Website: www.futurepipe.com	15HR-0006	X
12	Future Pipe Industries B.V. , J.C. Kellerlaan 3, P.O. Box 255, 7770 AG Hardenberg, The Netherlands, Tel: +31 (523) 280 500, Fax: +31 (523) 280 700, Email: netherlands@futurepipe.com , Website: www.futurepipe.com	X	15LR-0018
13	NOV FGS Malaysia SDN BHD , Malaysia, Johor Bahru, Senai, Malaysia	15HR-0028	15LR-0024
14	NOV FGS Singapore (PTE) Ltd. Singapore Facility, Singapore	15HR-0008	15LR-0012
15	NOV Fiber Glass Systems , L.P., Mineral Wells, Tx, USA	15HR-0035	15LR-0034
16	Petroplastic S.A. , Junin de los Andes, Neuquen, Buenos Aires, Argentina, Tel: (54) (11) 4814-1540/41/42/43, Talcahuano 1287 2° Email: comercial@petroplastic.com.ar , Website: www.petroplastic.com.ar	15HR-0024	X
17	Reinforced Plastic S.A. , Bdo. de Irigoyen N° 1260 Boulogne (CP 1609) Province of Buenos Aires Argentina, Tel: (5411) 4710 5800, Email: info@repsa.com.ar	15HR-0011	X
18	Shandong Jinguang FRP Group Co., Ltd. , Dezhou, Shandong, People's Republic of China, Tel: 86-534-2566977, Fax: 86-534-2566976, Website: www.cn-frp.com	15HR-0018	15LR-0019

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 131 of 132	

19	Shengli Oil Field Highland Petroleum Equipment Co., Ltd. , No. 233, Dong'Er Road, Dongying City,[257091], Shandong Province, People's Republic of China, Tel:+86-546-8835509, Email: zbacb@chinahighland.com, Website: www.chinahighland.com	15HR-0020	X
20	Shaan Xi Jiutong Pipe Industry Co. Ltd. , Xi'an, Shaanxi, People's Republic of China	15HR-0029	X
21	Shengli Oil Field Xinda Guanye Science and Technology Development Co., Ltd. , No.230 Beier Road, Dongying City, Shandong Province, People's Republic of China: 257000, Tel : 86-0546-8535-358, Fax : 86-0546-8535-358, Website : www.slxdsy.com	15HR-0016	X
22	Sinoma Jinjing Fiberglass Co., Ltd. , No.122, Yumin Road ,Zibo City, National New & High-Tech Industrial Park, Shandong, People's Republic of China: 255086, Tel: 0086-533-3911812, Fax: 0086-533-3919156 , Website: www.sinoma-fibrejj.cn	15HR-0027	15LR-0023
23	Star Fiberglass Harbin Co., Ltd. , 6 Ning Bo Road, Haping, Centralized Industrial Park, Harbin Development Zone, Harbin, Heilongjiang-150060, People's Republic of China, Tel: 86 / 451 -87091723, Fax: 86/ 451-87091719, Email: nov-fgs-harbin@nov.com, Website: www.fgspipe.com	15HR-0014	15LR-0027
24	Tubhier S.A. , Villa Mercedes, San Luis, Argentina, Tel: 54 265 7420123, 5411 430304381 (sales), Fax: 54 265 7424886 Website: www.tubhier.co.ar	15HR-0021	X
25	XinJiang Petro China Pipe Industry Engineering Co. Ltd , No.2219 Norh Xihuan Road, Economic Technology Development Zone, Urumqi, Xinjiang, People's Republic of China, Tel: 86-991-3125257, Fax: 86-991-3105503 Website: www.xjzypipe.com	15HR-0026	X

	ONSHORE ENGINEERING SERVICES DELHI	SUGGESTED VENDOR LIST	Volume	II
			Rev No.	8.8
		Doc no: OES/TD/INT/001	Discipline	CIVIL
			Page : 132 of 132	

26	Yangzhou Xinyang Technology Development Co. Ltd, Yangzhou Jiangshu, No. 199, Ji'an road, Hangjiang industrial Park, Peoples's Republic of China, Tel: 86-514-85109013, Fax: 86-514-87844999 Website: www.fiberglasspipe.en.china.cn	15HR-0019	15LR-0029
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Source: [www. api.org](http://www.api.org)

Note: The user should check up the above source for updated and latest list of API certified fiberglass pipe manufacturers at the time of inviting tenders.