Offshore Suggested Vendor List of Offshore Engineering Services, ONGC as on 20.03.2014

	Index			
S. No.	Discipline	Page No.		
1	Important Notes	1		
2	Piping	3		
3	Mechanical and Rotary Equipment	21		
4	Safety Item	36		
5	Instrumentation	39		
6	Electrical	55		
7	Pipeline	66		
8	Structural Items	70		
9	Architectural Items	72		



Important Notes

		important notes	
1	Vendors with no remark in this list are confirmed vendors.		
2	The 'O	n Hold' status for vendors has been categorised into following groups:	
Ζ		On Hold due to Non-submission of Name change / Other documents by the vendor to ONGC	
	B1	On Hold due to No response from the vendor	
	B2	On Hold due to Poor / Negative Performance Feedback received against the vendor from	
	B3	ONGC Asset.	
	The rea B2 & B	asons for which a vendor has been put 'On Hold' have been marked against the vendor as B1 3.	
3	Vendor	s who shall be deleted from the list has been categorised as follows:	
	C1	Not in the business (No longer in the manufacturing of the product for which the vendor was enlisted)	
	C2	Name Repetition in the list	
	C3	No website / product details exist	
4	Vendor	rs, who are traders, have been identified	
5	contrac	n Hold' status of a vendor under group 'B3' in this Suggested Vendor List means that the ctor shall not place order(s) on the vendor for the product for which the vendor has been put 'C y ONGC.	
	Vendors in Group ' B2' will be delisted automatically in case No-response is received from Vendor till 15.12.2014 i.e. 6 months from the date of uploading this SVL 6.8 R on ONGC internet.		
	' B1', pr	er, the contractor can continue to get quotation from vendors who are 'On Hold' under groups ovided that the reasons for which a vendor has been put 'on hold' are resolved by the vendor e of submission of Purchase Specification (PS).	
6	MNC Vendors in the Suggested Vendor List with different offices / manufacturing locations from that mentioned in this list can be accepted after getting Confirmation / Undertaking & Guarantee of the product from the Principal Company that design, quality processes and testing standards will be the same as that of the Principal Company. The API monogram / any other accreditation required for the equipment as per their respective Functional Specification shall be available at the manufacturing location proposed to be utilized.		
7	Vendor should agree / guarantee supply of spares for the entire life cycle of the item / equipment (i.e. years in case of electronic equipment/items and 10 years in case of mechanical equipment/items)		
	years in	n case of electronic equipment/items and 10 years in case of mechanical equipment/items)	



Piping			
Product	1 Pipe-(Duplex SS)		
S. No.	Vendor	Country	Remark/Note
1	Sumitomo Corporation	Japan	Trader
2	JFE Steel Corporation	Japan	
3	NSC	Japan	On Hold- B1#
4	Sandvik	Sweden	
5	Avesta	Sweden	Deletion- C3
6	Mannesmann	Germany	On Hold- B1#. Name proposed as 'Mannesmannrohren-werke AG'
7	NKK	Japan	On Hold- B1#
8	Coprosider Spa	Italy	On Hold- B1#
9	Schultz	Germany	Name proposed as 'Schulz Export GMBH'
10	T.T.I.Tubacex Inoxidables SA (Seamless Pipes)	Spain	"Seamless Pipes" in bracket to be deleted from the vendor name
11	Inoxtech SPA	Italy	
12	Gieminox (Welded Pipes)	Italy	
Product	2 Fittings-Duplex SS (DSS)		
S. No.	Vendor	Country	Remark/Note
1	Sumitomo Corporation	Japan	Trader
2	Sandvik	Sweden	
3	Shimoda Iron Works Co.Ltd	Japan	
4	Coprosider Spa	Italy	On Hold- B1#
5	Mannesmann Rohren	Germany	On Hold- B1#. Name proposed as 'Mannesmannrohren-werke AG'
6	NKK	Japan	On Hold- B1#
7	Schulz Export GMBH	Germany	
8	ALLIED INTERNATIONAL S.r.I	Italy	
9	M.E.G.A S.p.a (Forged Fittings ASTM A182 Grade F60/F51 with UNS 31803 / UNS 32205)	Italy	
10	Fittinox SRL	Italy	
11	Raccortubi SPA (Butt Welded)	Italy	
12	Promat BD Middle East (Forged)	UAE	
13	Viar S.P.A.	Italy	
Product	3 Flanges-Duplex SS (DSS)		-
S. No.	Vendor	Country	Remark/Note
1	Sumitomo Corporation	Japan	Trader
2	Sandvik	Sweden	



	Convisidor Spo	lioh.	
3	Coprisider Spa	Italy	On Hold- B1#
4	Mannesmann	Germany	On Hold- B1#. Name proposed as 'Mannesmannrohren-werke AG'
5	Officine Ambrocio Melesi & C.Sri	Italy	
6	MGI	France	
7	Officine Nicola Galperti Figlio S.p.A	Italy	
8	Officine Satafede SRL	Italy	
9	Promat BD Middle East	UAE	
10	Viar S.P.A.	Italy	
Product	4 Ball Valves-Duplex SS (DSS)		
S. No.	Vendor	Country	Remark/Note
1	КТМ	Japan	On Hold- B1#
2	КІТΖ	Japan	
3	Deutsch Audco	Germany	Deletion- C3
4	T.K. Valves Ltd, Abudhabi	UAE	On Hold- B1#
5	Petrol Valves	Italy	Name proposed as 'Petrol Valves S.R.L'
6	Dresser Spa	Italy	On Hold- B1#
7	Flowserve Flow Control GmbH	Germany	On Hold- B1#
8	Argus	West Germany	On Hold- B1#
9	Grove Italia Spa	Italy	On Hold- B1#
10	O.M.S. SALERI	Italy	
11	L&T Valves Ltd	India	
12	Virgo Valves & Control Limited	India	
13	LCM Italia SPA	Italy	
14	ZA.VE.RO. S.r.I	Italy	
Product	5 Other Valves(Gate Globe, Cheo		Demerk/Nate
S. No. 1	Vendor KITZ	Country Japan	Remark/Note
2	КТМ	Japan	On Hold- B1#
۷			Name proposed as 'Petrol
3	Petrol Valves	Italy	Valves S.R.L'
4	TK Valve Ltd, Abu Dhabi	UAE	On Hold- B1#
5	Weir Material & Foundaries Ltd	U.K	Deletion- C3
6	Truflo Rona S.A.	Belgium	
7	Rona Valves	Belgium	Deletion- C3
8	LVF SPA, Italy (Check Valve) (150 - 600, 800, 900 - 2500, 4500 Lbs / 0.25 - 2"	Italy	Proposed for up to 2". Other details in bracket to be deleted



9	ALCO Italia (Gate Valve) (150 - 2500 Lbs / 0.25 - 2 ")	Italy	On Hold- B1#
10	LVF SPA, Italy (Gate Valve) (150 - 600, 800, 900 - 2500, 4500 Lbs / 0.25 - 2"	Italy	Deletion- C2
11	Descote, France (Globe Valve) (Upto 12" 150/300, 10" - 600, 8" - 900, 6" - 1500 & 4" - 2500 Lbs)	France	On Hold- B2#
12	LVF SPA, Italy (Globe Valve) (150 - 600, 800, 900 - 2500, 4500 Lbs / 0.25 - 2"	Italy	Deletion- C2
13	ALCO Italia (Globe Valve) (800 - 2500 Lbs, 0.25 - 2 ")	Italy	On Hold- B1#
14	L&T Valves Ltd	India	
15	Douglas Chero Spa (2" and below)	Italy	
Product	6 Shutdown Valves (Duplex SS)		
S. No.	Vendor	Country	Remark/Note
1	ктм	Japan	On Hold- B1#
2	KITZ	Japan	
3	Deutsch Audco	Germany	Deletion- C3
4	Flowserve Flow Control GmbH	Germany	On Hold- B1#
5	TK Valves Ltd, Abu Dhabi	UAE	On Hold- B1#
6	Dresser Spa	Italy	On Hold- B1#
7	Petrol valves	Italy	Name proposed as 'Petrol Valves S.R.L'
8	Argus	West Germany	On Hold- B1#
9	Grove Italia Spa	Italy	On Hold- B1#
10	Cameron Italia S.R.L (Upto 60" / Up to 300 Lbs)	Italy	On Hold- B1#
11	Cooper Cameron, Singapore (Up to 24" / Upto 1500 Lbs)	Singapore	On Hold- B1#
12	EL-O-MATIC India (P) Ltd., (Up to 8" / Upto 300 Lbs)	India	On Hold- B2#
13	Flowserve PTE Ltd. (Up to 12" / Upto 300 Lbs)	India	On Hold- B1#
14	HINDLE Cockburns Ltd. (Upto 16" / Upto 300 Lbs & Upto 12" / 600-2500 Pounds)	India	On Hold- B1#
15	Kitamura Valves Manufacturing Co. Ltd. (Up to 60" / Upto 1500 Lbs)	India	On Hold- B2#
16	NIHON KOSO	Japan	On Hold- B2#
17	Metso Automation PTE Ltd. (Upto 30" / Upto 1500 Lbs)	India	On Hold- B2#



	1		
18	Perin Gmbh, Germany (8" / Upto 600 Lbs & 16" / Upto 300 Lbs)	Germany	On Hold- B2#. Spelling Correction in name as 'Per r in Gmbh, Germany'
19	Pibiviesse SPA (Upto 16" / 1500 Lbs)	Italy	On Hold- B1#
20	Weir Valves & Controls UK Ltd. (Upto 42" / Upto 1500 Lbs)	UK	
21	Tyco Valves & Control India Pvt. Ltd. (Upto 16" / Upto 300 Lbs & Upto 12" / 600 to 2500 Lbs)	India	On Hold- B1#
22	Virgo Valves & Control Limited	India	
Product	7 Pipe (CS NACE)		
S. No.	Vendor	Country	Remark/Note
1	Sumitomo	Japan	Trader. Proposed as Sumitomo Corporation'
2	NKK	Japan	On Hold- B1#
3	Nippon Steel Corporation	Japan	On Hold- B1#
4	Mannesmann	Germany	On Hold- B1#. Name proposed as 'Mannesmannrohren-werke AG'
5	Mitsubishi	Japan	Trader
6	Dalmine Spa	Italy	Name proposed as 'Tenaris Dalmine '
7	Mitsui & Co.Kawasaki	Japan	Deletion -C3#
8	Raccordi Forgiati	Italy	On Hold- B2#
9	JFE Steel Corporation	Japan	
10	OMR Officine Meccaniche	Italy	On Hold- B2#
11	Schulz Export GMBH	Germany	
12	V & M	Germany/France	On Hold- B1#. Name proposed as 'Vallourec & Mannesmann (V & M)'
Product	8 Fittings (CS NACE)	Country	Dowork/Noto
S. No. 1	Vendor Sumitomo	Country Japan	Remark/Note Trader. Proposed as Sumitomo Corporation'
2	Mega Spa	Italy	
3	Gam Recordie	Italy	
4	Raccordie Forgiati	Italy	
5	Fittinox Srl	Italy	
6	OMR Officine Mecaniche	Italy	
7	Schulz Export GMBH	Germany	
8	Coprosider Spa	Italy	On Hold- B1#



9	Igwara	Singapore	Trader. Name proposed as 'Igwara Industrial Service and trading Pte. Ltd.'
10	Technoforge	Italy	Name correction as 'Tecnoforge'
11	ALLIED INTERNATIONAL S.r.I	Italy	
12	ERNE [source of raw material Tenaries (Dalamine) Italy] Seamless fittings	Austria	
13	Tube Products Incorporate	India	
14	Sawan Engineers	India	
15	T K Corporation	Korea	
16	Sungkwang Bend Co., Ltd.	Korea	
17	Promat BD Middle East (Forged)	UAE	
Product	9 Flanges (CS NACE)	I	
S. No.	Vendor	Country	Remark/Note
1	Sumitomo	Japan	Trader. Proposed as Sumitomo Corporation'
2	Coprosider Spa	Italy	On Hold- B1#
3	Officine Nicola Galperti Figlio S.p.A	Italy	
4	Trouvay & Cauvin	France	Trader
5	Melesi	Italy	Deletion- C3
6	Officine Ambrocio Melesi & C.Sri	Italy	Spelling corrected as Officine Ambro g io Melesi & C. Srl
7	MGI	France	
8	Schulz Export GMBH	Germany	
9	Special Flanges Srl	Italy	
10	Tube Products Incorporate	India	
11	CHW Forge Private Ltd.	India	
12	Officine Santafede SRL	Italy	
13	Sawan Engineers	India	
14	Promat BD Middle East	UAE	
Product	10 Ball Valves (CS NACE)		
S. No.	Vendor	Country	Remark/Note
1	Cooper Cameron Valves	USA	On Hold- B1#
2	Dresser Spa	Italy	On Hold- B1#
3	КТМ	Japan	On Hold- B1#
4	Deutach Audco	Germany	Deletion-C3
5	Flowserve Flow Control GmbH	Germany	On Hold- B1#



6	кітz	Japan.		
7	Serck Audco Valves International	U.K.	On Hold- B1#	
8	Flow Control Technology	France	On Hold- B1#	
9	Crane	USA	On Hold- B1#	
10	Orbit Valve	U.K.	On Hold- B1#	
11	T.K. Valve, Abu Dhabi	UAE	On Hold- B1#	
12	OMB Spa (Upto 1.5")	Spain		
13	Petrol Valves	Italy	Name proposed as 'Petrol Valves SRL'	
14	Universal Sri.NACE Ball Vaive (4" & below)	Italy	On Hold- B2#	
15	LCM, Italia. SRL	Italy		
16	L&T Valves Ltd	India		
17	ZA.VE.RO. S.r.I	Italy		
18	Multi Valve Technology	UK		
19	Raimondi	Italy	On Hold- B1#	
20	Walther weir	Spain	Deletion- C3	
21	James Bury	Singapore	On Hold- B2#	
22	Nishitani & Co	Japan	On Hold- B2#	
23	Yoneda Kogyo Co	Japan	On Hold- B1#	
24	Truflo Rona S.A	Belgium		
25	Virgo Valves & Control Limited	India		
26	Argus	West Germany	On Hold- B1#. Country name poposed as Germany (Word 'West' to be deleted.)	
27	Cameron Iron Works	USA	On Hold- B1#	
28	O.M.S. SALERI	Italy		
29	Valbart SRL	Italy		
30	JCF Fluid Flow FZE	UAE	On Hold- B1#	
31	Valvinox s.r.l- Milan	Italy	On Hold#	
Product 11 Gate, Globe, Check, Needle Valves (CS NACE)				
S. No. 1	Vendor Cooper Cameron Valves	Country USA	Remark/Note On Hold- B1#	
2	Dresser Spa	Italy	On Hold- B1#	



27 Product	Valvinox s.r.l- Milan 12 Shutdown Valves- CS NACE	Italy	#
26	Niton Valves Industries (P) Ltd	India	
25	Firsa Spa (For Gate, Globe & Check Valves)	Italy	
24	JCF Fluid Flow FZE	UAE	On Hold- B1#
23	Douglas Chero S.p.A (for 2" and below)	Italy	
22	ктм	Japan	Deletion- C2
21	Cameron Iron Works	USA	On Hold- B1#
20	Argus	West Germany	On Hold- B1#. Country name poposed as Germany (Word 'West' to be deleted.)
19	Goodwin International Limited (wafer Check valves Only)	England	
18	L&T Valves Ltd	India	
17	Flow serve Flow Control, GmbH	Germany	On Hold- B1#
16	SACCAP	France	
15	BFE Spa	Italy	
14	LVF	Italy	
13	Universal Srl	Italy	On Hold- B2#
12	Petrol Valves	Italy	Name proposed as 'Petrol Valves SRL'
11	Omx Spa	Italy	Deletion- C3
10	T.K.Valves, Abu Dhabi	UAE	On Hold- B1#
9	Orbit Valve	UK	On Hold- B1#
8	Crane	USA	On Hold- B1#
7	Flow Control Technology	France	On Hold- B1#
6	Serck, Audco Valves International	U.K	On Hold- B1#
5	кітz	Japan	
3	KTM Deutach Audco	Japan Germany	On Hold- B1# Deletion- C3



			.
2	KITZ	Japan	
3	Flow Control Technology	France	On Hold- B1#
4	Crane	USA	On Hold- B1#
5	Orbit Valves	UK	On Hold- B1#
6	T.K.Valves, Abu Dhabi	UAE	On Hold- B1#
7	Тусо	Italy	On Hold- B1#
8	Petrol valves	Italy	Name proposed as 'Petrol Valves SRL'
9	Dresser Italia Srl.(Grove Divisions)	Italy	On Hold- B1#
10	Flowserve Flow control GmbH	Germany	On Hold- B1#
11	L&T Valves Ltd	India	
12	Virgo Valves & Control Limited	India	
13	Argus	West Germany	On Hold- B1#. Country name poposed as Germany (Word 'West' to be deleted.)
14	Grove Italia Spa	Italy	On Hold- B1#
15	Cameron Iron Works	USA	On Hold- B1#
16	Valbart Srl	Italy	
Product	13 Pipe (CS Non-NACE)	1	1
S. No.	Vendor	Country	Remark/Note
1	BHEL, Trichy	India	
2	Indian Seamless, Ahmed Nagar	India	On Hold- B1#
3	Jindal Pipes, New Delhi	India	
4	Saw Pipes, Delhi	India	Proposed as Jindal Saw Itd
5	NSC	Japan	On Hold- B1#
6	Mitsubishi	Japan	Trader
7	MGI	France	
8	Maharastra Seamless	India	
Product	14 Pipe Fittings in CS Non-NACE		
S. No.	Vendor	Country	Remark/Note
1	Eby Industries, Mumbai	India	Deletion- C1
	Shivananda Pipe Fittings,Chennai (Only Seamless)	India	On Hold- B2#
	Commercial Supplying Agencies,	India	On Hold- B1#



4	Precision Forging	India	Deletion- C3
5	Forged Industrial Corp	India	Deletion- C3
6	Tube Products, Baroda	India	On Hold-B2#
7	Pipe Fit Engineers ,Vadodara (For CS,NON-NACE But welded fittings, BW Elbows Reducers/TEE/CAP (Seamless/Welded)	India	Spelling correction as Pipe Fit Engineers ,Vadodara (For CS,NON- NACE Butt welded fittings, BW Elbows Reducers/TEE/CAP (Seamless/Welded)
8	Tube Products Incorporate	India	
9	Sawan Engineers	India	
10	T K Corporation	Korea	
Product	15 Forged Flanges in CS Non-NA	CE	·
S. No.	Vendor	Country	Remark/Note
1	Echjay Industries, Mumbai /Rajkot	India	
2	Paramount Forge, Mumbai	India	On Hold- B2#
3	Tube Products Incorporate, Vadodara	India	
4	Sawan Engineers	India	
Product	16 Ball Valves-(Fire Safe)-CS Non		
S. No.	Vendor	Country	Remark/Note
1	L&T Valves Ltd	India	
2	Petrol Valves	Italy	Name proposed as 'Petrol Valves SRL'
~	Virgo Valves & Control Limited (Cast &	India	Removal of 'Cast & Forged' in
3	Forged)	India	bracket proposed
3		India	
	Forged) Microfinish, Hubli		
4 Product	Forged) Microfinish, Hubli	India	Remark/Note
4	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE		
4 Product S. No.	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor	India Country	
4 Product S. No. 1	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai	India Country India	Remark/Note
4 Product S. No. 1 2	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai (Upto 8"X900#) Virgo Valves & Control Limited (Cast &	India Country India India	Remark/Note ON HOLD-B3 Removal of 'Cast & Forged' in bracket
4 Product S. No. 1 2 3	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai (Upto 8"X900#) Virgo Valves & Control Limited (Cast & Forged)	India Country India India India	Remark/Note ON HOLD-B3 Removal of 'Cast & Forged' in bracket
4 Product S. No. 1 2 3 4	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai (Upto 8"X900#) Virgo Valves & Control Limited (Cast & Forged) Microfinish, Hubli	India Country India India India India India	Remark/Note ON HOLD-B3 Removal of 'Cast & Forged' in bracket
4 Product S. No. 1 2 3 4 5 6	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai (Upto 8"X900#) Virgo Valves & Control Limited (Cast & Forged) Microfinish, Hubli O.M.S. SALERI Friulco S.p.A	India Country India India India India India India India Italy Italy	Remark/Note ON HOLD-B3 Removal of 'Cast & Forged' in bracket
4 Product S. No. 1 2 3 4 5 6 Product	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai (Upto 8"X900#) Virgo Valves & Control Limited (Cast & Forged) Microfinish, Hubli O.M.S. SALERI Friulco S.p.A 18 Gate, Globe, Check , Needle Va	India Country India India India India India India Italy Italy Italy	Remark/Note ON HOLD-B3 Removal of 'Cast & Forged' in bracket proposed Image: Second Se
4 Product S. No. 1 2 3 4 5 6	Forged) Microfinish, Hubli 17 Ball Valves-CS Non-NACE Vendor L&T Valves Ltd Forward Alloys & Castings, Mumbai (Upto 8"X900#) Virgo Valves & Control Limited (Cast & Forged) Microfinish, Hubli O.M.S. SALERI Friulco S.p.A	India Country India India India India India India India Italy Italy	Remark/Note ON HOLD-B3 Removal of 'Cast & Forged' in bracket



2 Forward Alloys & Castings, Mumbai (For Check valves CS upto size 6' x 3009) India 3 Nition Valve Industries Pvt.Ltd.,Mumbai India 4 Douglus Chero S p. a (Upto 8' size) Italy 5 BHEL, Trichy India 6 Oswal Industries Ltd.(for Globe & Check Valves, size up to 6' and rating upto 6009) India 7 Sakhi Engineers, Mumbai/Baroda (Only for Needle Valves) India 8 Chernavalves Industries, Mumbai, (Only for Needle Valves) India 9 Friduce S.p.A. Italy 10 Valves) Valves) Bettion-C3 9 Friduce S.p.A. Italy # 10 Valves) Tot Needle Haly 11 Choksi Tubes, Ahmedabad India Deletion-C3 12 Kalindi, Delhi India Deletion-C3 13 NFC, Hyderabad India Deletion-C3 14 Productos Tubulars SA Spain Spain 15 Ratmamari Metals and Tubes India India 14 Productos Tubulars SA Spain Image 15 Ratmami Metals & Tubes, Ahmedabad India Image 16 TTI Tubacex Tubos Inoxidable SA Spain Image 11				
4 Douglus Chero S.p.a (Upto 8' size) Italy Italy 5 BHEL, Trichy India India 6 Valves, size up to 6' and rating upto 600#) India Deletion-C3 7 Sakhi Engineers, Mumbai/Baroda (Only for Needle Valves) India Deletion-C3 8 Cherwalves Industries, Mumbai, (Only for Needle Valves) India Deletion-C3 9 Friuco S.p.A. Italy Italy 10 Valvinox s.r.I- Milan (Only for Needle Valves) Totomatics Steelly # 9 Friuco S.p.A. Italy # 10 Valves) Country Remark/Note 1 Choksi Tubes, Ahmedabad India Deletion-C3 2 Kalindi, Delhi India Deletion-C3 3 NFC, Hyderabad India Deletion-C3 4 Productos Tubulars SA Spain Spain 5 Ratnamani Metals and Tubes India India 6 TTI Tubacex Tubos Inoxidable SA Spain India 1 Ratnamani Metals & Tubes, Ahmedabad India India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India	2		India	
5 BHEL, Trichy India 6 Valves, Size up to 6" and rating up to 6000H India 7 for Needie Valves) India Deletion-C3 8 Chemvalves Industries, Mumbai, (Only for Needie Valves) India Deletion-C3 9 Friduco S.p.A. Italy Deletion-C3 10 Valvinox s.r.I- Milan (Only for Needle Valves) Italy # 10 Valvinox s.r.I- Milan (Only for Needle Valves) Remark/Note T 5. No. Vendor Country Remark/Note 1 Choksi Tubes, Ahmedabad India Deletion-C3 2 Kalindi, Delhi India Deletion-C3 3 NFC, Hyderabad India Deletion-C3 4 Productos Tubulars SA Spain Spain 5 Ratnamani Metals and Tubes India On Hold- B2# 4 Productos Tubulars SA Spain India 5 Ratnamani Metals & Tubes, Ahmedabad India India 6 TTI Tubacex Tubos Inoxidable SA Spain India 2 SOSTA BV (NACE, ASTM A 358) The Netherl	3	Niton Valve Industries Pvt.Ltd.,Mumbai	India	
Oswal Industries Ltd. (for Globe & Check Valves, size up to 6" and rating up to 600#) India 7 Sakhi Engineers, Mumbai/Baroda (Only for Needle Valves) India Deletion-C3 8 Chernvalves Industries, Mumbai, (Only for Needle Valves) India Deletion-C3 9 Friulco S.p.A. Italy # 10 Valvinox s.r.I-Milan (Only for Needle Valves) Italy # Product 19 Pipe (Stainless Steel) * 5. No. Vendor Country Remark/Note 1 Choksi Tubes, Ahmedabad India Deletion- C3 3 NFC, Hyderabad India Deletion- C3 4 Productos Tubulars SA Spain Spain 5 Ratmamani Metals and Tubes India On Hold- B2# 4 Productos Tubus Inoxidable SA Spain * 5 Ratmamani Metals & Tubes, Ahmedabad India * 6 TTI Tubacex Tubos Inoxidable SA Spain * 7 Remark/Note India * * 1 Ratnamani Metals & Tubes, Ahmedabad India * 2 SOSTA BV (NACE, ASTM A 358) The Netherlands * 2 SOSTA BV (NACE, ASTM A 358) The Netherlands * <	4	Douglus Chero S.p.a (Upto 8" size)	Italy	
6 Valves; size up to 6° and rating upto 600#) India Deletion-C3 7 Sakhi Engineers, Mumbai/Baroda (Only for Needle Valves) India Deletion-C3 8 Chernvalves Industries, Mumbai, (Only for Needle Valves) India Deletion-C3 9 Friulco S.p.A. Italy # 10 Valves; Valves # Product 19 Pipe (Stainless Steel) # 2 Kalindi, Delhi India Deletion-C3 3 NFC, Hyderabad India Deletion-C3 4 Productor 19 Deletion-C3 India 5 Ratnamani Metals and Tubes India Deletion-C3 6 TTI Tubacex Tubos Inoxidable SA Spain India 7 Vendor Country Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India India 6 TTI Tubacex Tubos Inoxidable SA Spain India 7 SOSTA BV (NACE, ASTM A 358) The Netherlands India 1 Ratnamani Metals & Tubes, Ahmedabad India India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India 2 Virgo Valves & Control Limited India India 3 <td>5</td> <td>BHEL, Trichy</td> <td>India</td> <td></td>	5	BHEL, Trichy	India	
/ for Needle Valves) India Deletion-C3 8 Cherwalves Industries, Mumbai, (Only for Needle Valves) India Deletion-C3 9 Friulco S.p.A. Italy # 10 Valvinox s.r.I- Milan (Only for Needle Valves) Italy # Product 19 [Pipe (Stainless Steel)	6	Valves, size up to 6" and rating upto	India	
8 for Needle Valves) India Deletion-C3 9 Friulco S.p.A. Italy # 10 Valvinox s.r.I- Milan (Only for Needle Valves) Italy # Product 19 Pipe (Stainless Steel) # S. No. Vendor Country Remark/Note 1 Choksi Tubes, Ahmedabad India Deletion- C3 2 Kalindi, Delhi India Deletion- C3 3 NFC, Hyderabad India On Hold- B2# 4 Products Tubulars SA Spain Spain 5 Ratnamani Metals and Tubes India India 6 TTI Tubacex Tubos Inoxidable SA Spain Spain 7 Netor Country Remark/Note 1 Ratnamani Metals and Tubes, Ahmedabad India India 2 O pipes (Stainless Steel, Welded) 2. No. Vendor Country Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands	7		India	Deletion-C3
10 Valvinox s.r.I- Milan (Only for Needle Valves) Italy # Product 19 Pipe (Stainless Steel)	8		India	Deletion-C3
India Image: Product isolation in the image: Pro	9	Friulco S.p.A.	Italy	
S. No. Vendor Country Remark/Note 1 Choksi Tubes, Ahmedabad India Deletion- C3 2 Kalindi, Delhi India Deletion- C3 3 NFC, Hyderabad India On Hold- B2# 4 Productos Tubulars SA Spain On Hold- B2# 5 Ratnamani Metals and Tubes India On Hold- B2# 6 TTI Tubacex Tubos Inoxidable SA Spain Product 7 Pipes (Stainless Steel, Welded) Vendor Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India Product Product Pipes (Stainless Steel, Welded) 2 SOSTA BV (NACE, ASTM A 358) The Netherlands Product	10		Italy	#
1 Choksi Tubes, Ahmedabad India Deletion- C3 2 Kalindi, Delhi India Deletion- C3 3 NFC, Hyderabad India On Hold- B2# 4 Productos Tubulars SA Spain Spain 5 Ratnamani Metals and Tubes India On Hold- B2# 6 TTI Tubacex Tubos Inoxidable SA Spain Spain Product 20 Pipes (Stainless Steel, Welded) 5 Ratnamani Metals & Tubes, Ahmedabad India 1 Ratnamani Metals & Tubes, Ahmedabad India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands Product 21 Ball Valves (SS NACE and Non NACE) 5 No. Vendor Country 1 L&T Valves Ltd India 2 Virgo Valves & Control Limited India 3 Friulco S.p.A (Only for SS Non NACE) Italy Product 22 Fittings (SS NACE & Non NACE) S. No. Vendor Country Remark/Note 1 Gujarat Infra Pipes, Mumbai India India	Product			
2Kalindi, DelhiIndiaDeletion- C33NFC, HyderabadIndiaOn Hold- B2#4Productors Tubulars SASpainOn Hold- B2#5Ratnamai Metals and TubesIndiaIndia6TTI Tubacex Tubos Inoxidable SASpainIndia6TTI Tubacex Tubos Inoxidable SASpainIndia7 20 Pipes (Stainless Steel, Welded)Vendor8No.VendorCountryRemark/Note1Ratnamai Metals & Tubes, AhmedabadIndiaIndia2SOSTA BV (NACE, ASTM A 358)The NetherlandsIndia9VendorCountryRemark/Note1L&T Valves LtdIndiaIndia2Virgo Valves & Control LimitedIndiaIndia3Friuco S.p.A (Only for SS Non NACE)ItalyItaly9VendorCountryRemark/Note1Gujarat Infa Pipes, MumbaiIndiaIndia	S. No.	Vendor	Country	Remark/Note
3 NFC, Hyderabad India On Hold- B2# 4 Productos Tubulars SA Spain India 5 Ratnamani Metals and Tubes India India 6 TTI Tubacex Tubos Inoxidable SA Spain India 7 20 Pipes (Stainless Steel, Welded) Remark/Note 7 20 Pipes (Stainless Steel, Welded) Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India 1 Remark/Note Country Remark/Note 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India 1 L&T Valves (SS NACE and Non NACE) Remark/Note 3 Friulco S.p.A (Only for SS Non NACE) India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy India 2 Product 22 Fittings (SS NACE & Non NACE) Remark/Note 3 Friulco S.p.A (Only for SS Non NACE) Italy India 4 Gujarat Infra Pipes, Mumbai India India	1	Choksi Tubes, Ahmedabad	India	
4 Productos Tubulars SA Spain 5 Ratnamani Metals and Tubes India 6 TTI Tubacex Tubos Inoxidable SA Spain 6 TTI Tubacex Tubos Inoxidable SA Spain Product 20 Pipes (Stainless Steel, Welded S. No. Vendor Country Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India 1 LaT Valves (SS NACE and Non NACE) Remark/Note India 2 Virgo Valves & Control Limited India India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 3. No. Vendor Country Remark/Note 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 1 <td>2</td> <td>Kalindi, Delhi</td> <td>India</td> <td>Deletion- C3</td>	2	Kalindi, Delhi	India	Deletion- C3
5 Ratnamani Metals and Tubes India 6 TTI Tubacex Tubos Inoxidable SA Spain Product 20 Pipes (Stainless Steel, Welded) S. No. Vendor Country 1 Ratnamani Metals & Tubes, Ahmedabad India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands Product 21 Ball Valves (SS NACE and Non NACE) S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy 1 Gujarat Infra Pipes, Mumbai India India	3	NFC, Hyderabad	India	On Hold- B2#
6TTI Tubacex Tubos Inoxidable SASpain6TTI Tubacex Tubos Inoxidable SASpainProduct20Pipes (Stainless Steel, Welded)S. No.VendorCountryRemark/Note1Ratnamani Metals & Tubes, AhmedabadIndiaIndia2SOSTA BV (NACE, ASTM A 358)The NetherlandsIndiaProduct21Ball Valves (SS NACE and Nor NACE)Remark/Note3. No.VendorCountryRemark/Note1L&T Valves LtdIndiaIndia2Virgo Valves & Control LimitedIndiaIndia3Friulco S.p.A (Only for SS Non NACE)ItalyItaly9VendorCountryRemark/Note1Quigot Infra Pipes, MumbaiIndiaIndia1Guigarat Infra Pipes, MumbaiIndiaIndia	4	Productos Tubulars SA	Spain	
Product 20 Pipes (Stainless Steel, Welded) S. No. Vendor Country Remark/Note 1 Ratnamani Metals & Tubes, Ahmedabad India India 2 SOSTA BV (NACE, ASTM A 358) The Netherlands India Product 21 Ball Valves (SS NACE and Non NACE) Sosta Steel, Welded S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 3. No. Vendor Country Remark/Note 3. No. Vendor Country Remark/Note 1 Gujarat Infra Pipes, Mumbai India India	5	Ratnamani Metals and Tubes	India	
S. No.VendorCountryRemark/Note1Ratnamani Metals & Tubes, AhmedabadIndiaIndia2SOSTA BV (NACE, ASTM A 358)The NetherlandsIndiaProduct21Ball Valves (SS NACE and Nor NACE)Remark/Note5. No.VendorCountryRemark/Note1L&T Valves LtdIndiaIndia2Virgo Valves & Control LimitedIndiaIndia3Friulco S.p.A (Only for SS Non NACE)ItalyItalyProduct22Fittings (SS NACE & Non NACE)CountryRemark/Note3Oujarat Infra Pipes, MumbaiIndiaIndia	6	TTI Tubacex Tubos Inoxidable SA	Spain	
S. No.VendorCountryRemark/Note1Ratnamani Metals & Tubes, AhmedabadIndiaIndia2SOSTA BV (NACE, ASTM A 358)The NetherlandsIndiaProduct 21 Ball Valves (SS NACE and No NACE)S. No.VendorCountryRemark/Note1L&T Valves LtdIndiaIndia2Virgo Valves & Control LimitedIndiaIndia3Friulco S.p.A (Only for SS Non NACE)ItalyItalyProduct 22 Fittings (SS NACE & Non NACE)5. No.VendorCountryRemark/Note1Gujarat Infra Pipes, MumbaiIndiaIndia	Product	20 Pipes (Stainless Steel, Welded)		
2 SOSTA BV (NACE, ASTM A 358) The Netherlands Product 21 Ball Valves (SS NACE and Non NACE) S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 1 Gujarat Infra Pipes, Mumbai India India	S. No.			Remark/Note
Product 21 Ball Valves (SS NACE and Non NACE) S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 1 Gujarat Infra Pipes, Mumbai India India	1	Ratnamani Metals & Tubes, Ahmedabad	India	
S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India India 2 Virgo Valves & Control Limited India India 3 Friulco S.p.A (Only for SS Non NACE) Italy Italy Product 22 Fittings (SS NACE & Non NACE) Remark/Note 1 Gujarat Infra Pipes, Mumbai India India	2	SOSTA BV (NACE, ASTM A 358)	The Netherlands	
1 L&T Valves Ltd India 2 Virgo Valves & Control Limited India 3 Friulco S.p.A (Only for SS Non NACE) Italy Product 22 Fittings (SS NACE & Non NACE) 5. No. Vendor Country 1 Gujarat Infra Pipes, Mumbai India				
2 Virgo Valves & Control Limited India 3 Friulco S.p.A (Only for SS Non NACE) Italy Product 22 Fittings (SS NACE & Non NACE) S. No. Vendor Country 1 Gujarat Infra Pipes, Mumbai India	S. No.	Vendor	Country	Remark/Note
3 Friulco S.p.A (Only for SS Non NACE) Italy Product 22 Fittings (SS NACE & Non NACE) S. No. Vendor Country Remark/Note 1 Gujarat Infra Pipes, Mumbai India	1	L&T Valves Ltd	India	
Product 22 Fittings (SS NACE & Non NACE) S. No. Vendor Country Remark/Note 1 Gujarat Infra Pipes, Mumbai India India	2	Virgo Valves & Control Limited	India	
S. No. Vendor Country Remark/Note 1 Gujarat Infra Pipes, Mumbai India	3	Friulco S.p.A (Only for SS Non NACE)	Italy	
1 Gujarat Infra Pipes, Mumbai India	Product			
	S. No.	Vendor	Country	Remark/Note
2 Tube Products Incorporate India	1	Gujarat Infra Pipes, Mumbai	India	
	2	Tube Products Incorporate	India	



3 Sawan Engineers India 4 ALLIED INTERNATIONAL S.r.I Italy 5 EBY Fasteners (Socket welded fittings for sizes less than 2") India Product 23 Flanges (SS NACE & Non NACE) S. No. Vendor Country 1 Echjay Industries, Mumbai India 2 CHW Forge Private Ltd. India
5 EBY Fasteners (Socket welded fittings for sizes less than 2") India Product 23 Flanges (SS NACE & Non NACE) S. No. Vendor Country Remark/Note 1 Echjay Industries, Mumbai India
5 for sizes less than 2") India Product 23 Flanges (SS NACE & Non NACE) S. No. Vendor Country Remark/Note 1 Echjay Industries, Mumbai India India
S. No. Vendor Country Remark/Note 1 Echjay Industries, Mumbai India
S. No. Vendor Country Remark/Note 1 Echjay Industries, Mumbai India India
1 Echjay Industries, Mumbai India
2 CHW Forge Private Ltd. India
3 Officine Ambrocio Melesi & C.Sri Italy
4 Tube Products Incorporate India
5 Officine Nicola Galperti Figlio S.p.A Itlay
Product 24 Globe , Check & Needle Valve (SS NACE)
S. No. Vendor Country Remark/Note
1 L&T Valves Ltd India
2 Niton Valve Industries Pvt.Ltd.,Mumbai, India
2 Niton Valve Industries Pvt.Ltd.,Mumbai, India 3 Douglus Chero S.p.a, (Upto 8" size) Italy
3 Douglus Chero S.p.a, (Upto 8" size) Italy 4 Potrol Values (for sheek values only) Italy
3 Douglus Chero S.p.a, (Upto 8" size) Italy 4 Petrol Valves (for check valves only) Italy
3 Douglus Chero S.p.a, (Upto 8" size) Italy 4 Petrol Valves (for check valves only) Italy Name proposed as 'Petrol Valves (for check valves only) Product 25 Gate Valve (SS NACE)
3Douglus Chero S.p.a, (Upto 8" size)Italy4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'Product25Gate Valve (SS NACE)S. No.VendorCountryRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyItaly
3 Douglus Chero S.p.a, (Upto 8" size) Italy 4 Petrol Valves (for check valves only) Italy Name proposed as 'Pet S.R.L' Product 25 Gate Valve (SS NACE) Kemark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Italy Product 26 Gate/Globe/Check/Needle valve (SS Non-NACE) Italy
3Douglus Chero S.p.a, (Upto 8" size)Italy4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'Product25Gate Valve (SS NACE)S. No.VendorCountryRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyItaly
3 Douglus Chero S.p.a, (Upto 8" size) Italy 4 Petrol Valves (for check valves only) Italy Name proposed as 'Pet S.R.L' Product 25 Gate Valve (SS NACE) Country Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Italy Product 26 Gate/Globe/Check/Needle valve (SS Non-NACE) Italy
3 Douglus Chero S.p.a, (Upto 8" size) Italy Name proposed as 'Pet S.R.L' 4 Petrol Valves (for check valves only) Italy Name proposed as 'Pet S.R.L' Product 25 Gate Valve (SS NACE) S.R.L' S. No. Vendor Country Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Italy Product 26 Gate/Globe/Check/Needle valve (SS Non-NACE) Remark/Note S. No. Vendor Country Remark/Note
3Douglus Chero S.p.a, (Upto 8" size)ItalyName proposed as 'Pet S.R.L'4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'Product25Gate Valve (SS NACE)S.No.VendorCountryRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note1 26 Gate/Globe/Check/Needle valve (SS Non-NACE)Remark/Note5. No.VendorCountryRemark/Note1 L &T Valves LtdIndiaIndia2Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia3Friulco S.p.AItalyItaly
3Douglus Chero S.p.a, (Upto 8" size)Italy4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'Product25Gate Valve (SS NACE)S.No.VendorCountryRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note3KendorCountryRemark/Note41L&T Valves LtdIndia3Friulco S.p.AIndiaIndia3Friulco S.p.AItalyItaly
3 Douglus Chero S.p.a, (Upto 8" size) Italy Name proposed as 'Pet S.R.L' 4 Petrol Valves (for check valves only) Italy Name proposed as 'Pet S.R.L' Product 25 Gate Valve (SS NACE) Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India Remark/Note 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 L&T Valves Ltd Country Remark/Note 1 L&T Valves Ltd India India 2 Niton Valve Industries Pvt.Ltd.,Mumbai India India 3 Friulco S.p.A Italy Remark/Note
3Douglus Chero S.p.a, (Upto 8" size)Italy4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'Product25Gate Valve (SS NACE)S. No.VendorCountryRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note1Lactor S.p.a, (Upto 8" size)ItalyRemark/Note2Douglus Chero S.p.a, (Upto 8" size)ItalyItalyProduct26Gate/Globe/Check/Needle valve (SS Non-NACE)Remark/Note3KendorCountryRemark/Note1L&T Valves LtdIndiaIndia2Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia3Friulco S.p.AItalyItaly
3 Douglus Chero S.p.a, (Upto 8" size) Italy Name proposed as 'Per S.R.L' 4 Petrol Valves (for check valves only) Italy Name proposed as 'Per S.R.L' Product 25 Gate Valve (SS NACE) Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 L&T Valves Ltd India India 2 Niton Valve Industries Pvt.Ltd.,Mumbai India India 3 Friulco S.p.A India India 3 Friulco S.p.A Italy India 3 Friulco S.p.A Italy India 4 Vendor Country Remark/Note 3 Friulco S.p.A Italy Italy Product 27 Pipes (Cu-Ni) Remark/Note 3 Friulco S.p.A Italy Italy
3 Douglus Chero S.p.a, (Upto 8" size) Italy Name proposed as 'Per S.R.L' 4 Petrol Valves (for check valves only) Italy Name proposed as 'Per S.R.L' Product 25 Gate Valve (SS NACE) S.R.L' S. No. Vendor Country Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 L&T Valves Ltd India India India 2 Niton Valve Industries Pvt.Ltd.,Mumbai India India India 3 Friulco S.p.A, Italy Remark/Note India 3 Friulco S.p.A, Italy India India 3 Friulco S.p.A, Italy India India 3 Friulco S.p.A, Italy India India 4 Alcabex Metals, Jodhpur India India India India
3 Douglus Chero S.p.a, (Upto 8" size) Italy Name proposed as 'Person S.R.L' 4 Petrol Valves (for check valves only) Italy Name proposed as 'Person S.R.L' Product 25 Gate Valve (SS NACE) Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India Remark/Note 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India Italy Product 26 Gate/Globe/Check/Needle valve (SS Non-NACE) S.No. S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India Italy 2 Niton Valve Industries Pvt.Ltd.,Mumbai India Italy 3 Friulco S.p.A Italy Italy Product 27 Pipes (Cu-Ni) S.No. Vendor 5. No. Vendor Country Remark/Note 1 Alcabex Metals, Jodhpur India On Hold- B1# 2 Cubex Tubing, Hyderabad India India
3 Douglus Chero S.p.a, (Upto 8" size) Italy 4 Petrol Valves (for check valves only) Italy Name proposed as 'Pet S.R.L' Product 25 Gate Valve (SS NACE) S.No. S. No. Vendor Country Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India 2 Douglus Chero S.p.a, (Upto 8" size) Italy Product 26 Gate/Globe/Check/Needle valve (SS Non-NACE) S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India 2 Niton Valve Industries Pvt.Ltd.,Mumbai India 3 Friulco S.p.A Italy Product 27 Pipes (Cu-Ni) S. No. Vendor Country Remark/Note 1 Alcabex Metals, Jodhpur India 2 Cubex Tubing, Hyderabad India
3Douglus Chero S.p.a, (Upto 8" size)Italy4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'725Gate Valve (SS NACE)Remark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note1L&T Valves LtdIndiaIndia2Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia3Friulco S.p.AItalyItalyProduct27Pipes (Cu-Ni)Remark/Note3Alcabex Metals, JodhpurIndiaOn Hold- B1#2Cubex Tubing, HyderabadIndiaOn Hold- B1#3Lebronze IndustrialFranceIndia4WilsonUKOn Hold- B2#5Haewon Industries Co.Ltd. (Upto 14")KoreaProposed for removal bracket
3 Douglus Chero S.p.a, (Upto 8" size) Italy Name proposed as 'Pel S.R.L' 4 Petrol Valves (for check valves only) Italy Name proposed as 'Pel S.R.L' Product 25 Gate Valve (SS NACE) Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India Remark/Note 1 Niton Valve Industries Pvt.Ltd.,Mumbai India Italy Product 26 Gate/Globe/Check/Needle valve (SS Non-NACE) S.No. S. No. Vendor Country Remark/Note 1 L&T Valves Ltd India India 2 Niton Valve Industries Pvt.Ltd.,Mumbai India Italy 1 L&T Valves Ltd India India 2 Niton Valve Industries Pvt.Ltd.,Mumbai India Italy 3 Friulco S.p.A Italy Italy Product 27 Pipes (Cu-Ni) On Hold- B1# 3 Lebronze Industrias, Jodhpur India On Hold- B1# 1 Alcabex Metals, Jodhpur India On Hold- B2# 3 Lebronze Industrial France Italy
3Douglus Chero S.p.a, (Upto 8" size)Italy4Petrol Valves (for check valves only)ItalyName proposed as 'Pet S.R.L'Product25Gate Valve (SS NACE)Remark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note1Niton Valve Industries Pvt.Ltd.,MumbaiIndiaIndia2Douglus Chero S.p.a, (Upto 8" size)ItalyRemark/Note1L&T Valves LtdIndiaItaly1L&T Valves LtdIndiaIndia2Niton Valve Industries Pvt.Ltd.,MumbaiIndiaItaly1L&T Valves LtdIndiaItaly2Niton Valve Industries Pvt.Ltd.,MumbaiIndiaItaly3Friulco S.p.AItalyItaly2Outpets (Cu-Ni)CountryRemark/Note3Friulco S.p.AItalyItaly1Alcabex Metals, JodhpurIndiaOn Hold- B1#2Cubex Tubing, HyderabadIndiaOn Hold- B1#3Lebronze IndustrialFranceItaly4WilsonUKOn Hold- B2#5Haewon Industries Co.Ltd. (Upto 14")KoreaProposed for removal bracket



Le Brone Industrial	France	
Dae Yung Metal Industrial Co	S Korea	On Hold- B2#
V.D.M.	Germany	On Hold- B1#
Sam Yang Metal Ind.Co.Ltd	Korea	
	^{is} Korea	Proposed for removal of Size in bracket
KM Europa Metal Aktlengesell Schaft, (Pipes, fittings & Flanges)	Germany	
Sitindustrie	Italy	
29 Ball Valve (Aluminium Bronz	:e)	
•		Remark/Note
Brooksbank Ltd	U.K	Name proposed as Brooksbank Valves Ltd
Orseal Ltd, Bolton	UK	
Precision Engineering	India	Deletion- C3
Hawa Valves (India) Pvt Ltd	India	
30 Ball/Gate/Globe/Check/Need	le valve (Al-Bronze, Leaded-Tin	Bronze)
Vendor	Country	Remark/Note
Shipham Valves	U.K	
Douglus Chero S.p.a,(Globe Valve-Al Bronze Only)	Italy	
	India	
Brooksbank Valves Ltd (For Gate, Globe, Check Valves) (Ni-Al-Bronze)	UK	
31 Check Valves (Al-Bronze)		
31 Check Valves (Al-Bronze) Vendor	Country	Remark/Note
	Country India	Remark/Note Deletion- C3
Vendor		
Vendor Precision Engineering		
Vendor Precision Engineering 32 Titanium valves	India	Deletion- C3
Vendor Precision Engineering 32 Titanium valves Vendor	India Country UK	Deletion- C3
Vendor Precision Engineering 32 Titanium valves Vendor Shipham Valves Douglus Chero S.p.a,(Check Valves up	India Country UK Dto Italy	Deletion- C3
Vendor Precision Engineering 32 Titanium valves Vendor Shipham Valves Douglus Chero S.p.a,(Check Valves up 6" size)	India Country UK Dto Italy	Deletion- C3
Vendor Precision Engineering 32 Titanium valves Vendor Shipham Valves Douglus Chero S.p.a,(Check Valves up 6" size) 33 Flanges(SD/SS Incoloy/Titan)	India Country UK UK Italy ium/CS)	Deletion- C3 Remark/Note
	Sam Yang Metal Ind.Co.Ltd Haewon Industries Co.Ltd.,(For Flange & Fittings only upto 24") KM Europa Metal Aktlengesell Schaft, (Pipes, fittings & Flanges) Sitindustrie 29 Ball Valve (Aluminium Bronz Vendor Brooksbank Ltd Orseal Ltd, Bolton Precision Engineering Hawa Valves (India) Pvt Ltd 30 Ball/Gate/Globe/Check/Need Vendor Shipham Valves Douglus Chero S.p.a,(Globe Valve-Al Bronze Only) Forward Alloys & Castings (Nickel Aluminium Bronze) Brooksbank Valves Ltd (For Gate,	Dae Yung Metal Industrial Co S Korea V.D.M. Germany Sam Yang Metal Ind.Co.Ltd Korea Haewon Industries Co.Ltd.,(For Flanges & Fittings only upto 24") Korea KM Europa Metal Aktlengesell Schaft, (Pipes, fittings & Flanges) Germany Sitindustrie Italy 29 Ball Valve (Aluminium Bronze) Vendor Country Brooksbank Ltd U.K Orseal Ltd, Bolton UK Precision Engineering India 10 Ball/Gate/Globe/Check/Needle valve (Al-Bronze, Leaded-Tin Vendor Shipham Valves U.K Douglus Chero S.p.a,(Globe Valve-Al Bronze Only) Italy Forward Alloys & Castings (Nickel Aluminium Bronze) India Brooksbank Valves Ltd (For Gate, India India



Product	34	Ball Valves (Incolloy)		
S. No.	Vendor		Country	Remark/Note
1	Petrol V	alves S.r.I	Italy	Name proposed as 'Petrol Valves S.R.L'
Product	35	GRE-Pipes- Fittings / Flanges		
S. No.	Vendor		Country	Remark/Note
1	Ameron		Netherland	Deletion- C2
2	Wavin r	ерох	UK	On Hold- B1#
3	Fiber Gl	ass System	UAE	On Hold- B1#
4	Ameron		Singapore, Netherlands	On Hold- B1#
Product	36	Ball Valve (CPVC/PVC)	L -	
S. No.	Vendor		Country	Remark/Note
1	George		Switzerland	
Product	37	Shutdown Valves (CPVC)		
S. No.	Vendor		Country	Remark/Note
1	George	Fischer	Switzerland	
Product	38	Scrapper Tees (ASME-B31.4/31		
S. No.	Vendor		Country	Remark/Note
1	TD Willi	amson	USA	
2	Pipeline	Engineering Supply	UK	On Hold- B1#
3	Schulz I	Export GMBH	Germany	
4	Gam Ra NACE)	accordi, (For CS-Non NACE, CS-	Italy	
5	ALLIED	INTERNATIONAL S.r.I	Italy	
6		ce Di Carvico S.p.A (For CS-Non CS-NACE)	Italy	
7	Sawan NACE)	Engineers Pvt. Ltd. (For CS-	India	
Product	39	Hinged Closures (ASME SEC V		
S. No.	Vendor		Country	Remark/Note
1	Perry E	quipment Corp	USA	On Hold- B1#
2	TD Willi	amson	USA	
3	Pipeline Engineering Supply		UK	On Hold- B1#
4	GD Engineering, (For CS-Non NACE, CS-NACE)		UK	
5	FAI Officine di Carvico S.p.a.(For CS- NON NACE & CS-NACE)		Italy	
Product	40	Corrosion Probes		•
S. No.	Vendor		Country	Remark/Note
1	Casasc	o Division	USA	On Hold- B1#
I	543430			



2	Rehraback Cosasco	USA	Spelling correction as Rohrback Cosasco
3	Mc Murray	USA	Deletion- C3
4	Caproco	Canada	
5	ATEL	Italy	Deletion- C3
6	Corrocean	Italy	On Hold- B1#
Product	41 Pig Detector		
S. No.	Vendor	Country	Remark/Note
1	Pipeline Engineering & Supply Co.	UK	On Hold- B1#
2	TD Williamson	USA	
3	GD Engineering (For CS-Non NACE, CS- NACE)	UK	
4	FAI Office Di Carvico S.p.A (For CS-Non NACE, CS-NACE)	Italy	
Product	42 FW/FM Reels & Utility Hose Re		
S. No.	Vendor	Country	Remark/Note
1	Marine Hydraulic	India	
2	Gayatri Industries Corp, Mumbai	India	
3	Royal India Corporation, Mumbai	India	
4	Dooley Tackaberry	USA	
Product	43 Strainer-(Basket type as per As		
S. No.	Vendor	Country	Remark/Note
1	Armstrong International SA	Belgium	
2	Multitex Engineers, New Delhi	India	
3	Greaves Cotton, Delhi	India	On Hold- B2#
4	Filtration Engineers (India) Pvt Ltd, Mumbai,	India	
5	Vermeer Process Technology, BV	Netherlands	
Product	44 Spray Nozzles-(NFPA 15 and a		
S. No.	Vendor	Country	Remark/Note
1	Marine Hydraulics	India	
2	Wormald Fire systems	UK	On Hold- B1#
Product	45 Continuous Drainers	Country	Dementality
S. No. 1	Vendor Armstrong International SA	Country Belgium	Remark/Note
2	Greaves Cotton, Mumbai	India	On Hold- B2#
Product			
S. No.	46 5D Bends-(ASME B 31.4 / 31.8) Vendor	Country	Remark/Note
1	Fabricom	Belgium	On Hold- B1#



	Que elle	C Karaa	
2	Sungjin	S Korea	On Hold- B2#
3	Igawara	Singapore	Trader . Name proposed as 'Igwara Industrial Service and trading Pte. Ltd.'
4	PSL, Kandla	India	
5	Induction Bending	ик	On Hold- B2#
6	Dalmine	Italy	Name proposed as Tenaris Dalmine
7	Dai Chi	Japan	Name proposed as Dai iChi High Frequency Co Ltd
8	Pipeline Engineering	υк	On Hold- B1#
	Salzgitter Mannesmann Grobblech GmbH (5D Bends - Cladded)	Germany	
10	Jindal Saw Ltd.	India	
Product	47 Chemical & Utility Hoses & Ho		
S. No.	Vendor	Country	Remark/Note
1	Marine Hydraulics, Mumbai	India	
2	Gayatri Industries Corp., Mumbai	India	
3	Royal India Corp., Mumbai	India	
Product	48 Choke valves		
S. No.	Vendor	Country	Remark/Note
1	Mokveld	USA	On Hold- B1#
2	Petrol Valves	Italy	Name proposed as 'Petrol Valves S.R.L'
3	WEIR Valves & Controls UK Ltd	ик	
4	Cooper Cameron	Singapore	On Hold- B1#
5	ССІ	USA	
6	JVS Engineers	India	
h			
Product	48A 2" Adjustable choke valve 900		
	48A 2" Adjustable choke valve 900 Vendor	# class NACE Country	Remark/Note
S. No. 1	Vendor BHEL	Country India	Remark/Note
S. No. 1 Product	Vendor BHEL 49 Sample Bomb-(ASME Sec VIII	Country India Div1)	
S. No. 1 Product	Vendor BHEL	Country India	Remark/Note Remark/Note
S. No. 1 Product S. No. 1	Vendor BHEL 49 Sample Bomb-(ASME Sec VIII Vendor Harsh Engineering, Mumbai	Country India Div1) Country India	Remark/Note
S. No. 1 Product S. No. 1 Product	Vendor BHEL 49 Sample Bomb-(ASME Sec VIII Vendor Harsh Engineering, Mumbai 50 Launcher / Receiver-(ASME-B3)	Country India Div1) Country India 81.4/31.8) -(ASME Sec VIII Div [*]	Remark/Note
S. No. 1 Product S. No. 1 Product S. No.	Vendor BHEL 49 Sample Bomb-(ASME Sec VIII Vendor Harsh Engineering, Mumbai	Country India Div1) Country India	Remark/Note



3	L&T	India	
3			
4	FAI Officine di Carvico S.p.a.,(CS-NACE & CS-NON NACE)	Italy	
5	Multitex Filtration Engineers Ltd. (CS- NACE)	India	
Note	Fabrication of barrel of Launcher / Receiv LSTK Contracts with speciality items as p		
Product	51 Gaskets		
S. No.	Vendor	Country	Remark/Note
1	Madras Industrial Product	India	
2	IGP	India	
3	Goodrich Gasket Pvt. Ltd.	India	
Product	52 Flanges-Super DSS	0	Demonski (Marta
S. No.	Vendor	Country	Remark/Note
1	Officine Nicola Galperti Figlio S.p.A	Italy	
Product	53 Shutdown Valve - CS	I	
S. No.	Vendor	Country	Remark/Note
1	Cameron Italia S.R.L (Upto 60" / Up to 300 Lbs)	Italy	On Hold- B1#
2	Cooper Cameron, Singapore (Up to 24" / Upto 1500 Lbs)	Singapore	On Hold- B1#
3	EL-O-MATIC India (P) Ltd., (Up to 8" / Upto 300 Lbs)	India	On Hold- B2#
4	Flowserve PTE Ltd. (Up to 12" / Upto 300 Lbs)	India	On Hold- B1#
5	HINDLE Cockburns Ltd. (Upto 16" / Upto 300 Lbs & Upto 12" / 600-2500 Pounds)	India	On Hold- B1#
6	Kitamura Valves Manufacturing Co. Ltd. (Up to 60" / Upto 1500 Lbs)	India	On Hold- B2#
7	NIHON KOSO	Japan	On Hold- B2#
8	Metso Automation PTE Ltd. (Upto 30" / Upto 1500 Lbs)	India	On Hold- B2#
9	Perin Gmbh, Germany (8" / Upto 600 Lbs & 16" / Upto 300 Lbs)	Germany	On Hold- B2#. Spelling Correction in name as 'Per r in Gmbh, Germany'
10	Pibiviesse SPA (Upto 16" / 1500 Lbs)	Italy	On Hold- B1#
11	Weir Valves & Controls UK Ltd. (Upto 42" / Upto 1500 Lbs)	υк	



	Tyco Valves & Control India Pvt. Ltd. (Upto 16" / Upto 300 Lbs & Upto 12" / 600 to 2500 Lbs)		India	On Hold- B1#
Product	54 Shutdown Valve (SS- Non NAC		E)	
S. No.	Vendor		Country	Remark/Note
1 1	Virgo Valves & Control Limited (upto 2", #300)		India	Removal of "upto 2", #300" (in bracket) proposed
Product	55	Multi Port Valves	•	
S. No.	Vendor		Country	Remark/Note
1 F	Framo E	ingineering AS	Norway	
	Bettis Emerson Process Management (Valve Automation)		Canada	
Product	56	Shutdown Valve - Ni-Al-Br (NA	В)	
S. No.	Vendor		Country	Remark/Note
1 E	Brooksbank Valves Ltd. (Up to #150)		ик	
Product	57	Double Block & Bleed (DBB) A	Arrangement Valves (CS-NAC	E)
S. No.	Vendor		Country	Remark/Note
	Oliver Va #1500)	alves Limited (Up to 2" and	ик	
	Galperti Spa	Engineering and Flow Control	Italy	
Product	58	Double Block & Bleed (DBB) V	/alves (DSS)	
S. No.	Vendor		Country	Remark/Note
	Galperti Engineering and Flow Control Spa		Italy	
Product	59	Check Valves (Incoloy)	·	
S. No.	Vendor		Country	Remark/Note
1 F	Petrol V	alves SRL	Italy	

Note 1	Vendors qualified for CS NACE shall also be considered qualified for CS Non NACE items. The list given above for CS Non NACE is additional list for vendors supplying CS Non NACE items only.
Note 2	Vendors qualified for DSS material shall also be considered qualified for SS NACE / SS-Non NACE materials.
Note 3	Vendors qualified for Nickel-Aluminium-Bronze (NAB) shall be considered qualified for Lead-Tin-Bronze (LTB) also and vice versa.
Note 4	Vendors qualified for SS NACE shall also be considered qualified for SS Non NACE items. The list given above for SS Non NACE is additional list for vendors supplying SS Non NACE items only.
Note 5	Vendors qualified for items under Pipeline Discipline can be considered acceptable for similar items under Piping Discipline provided the applicable specifications are similar and meet the specification



	requirements.
Note 6	Vendors listed in the caregory of Ball Valves for all types of MOC can be considered for metal seated ball valves also in the respective caregories. However, Vendor is required to submit track record of supply of metal seated valves at the time of submission of PS.
Note 7#	Listed vendors for Globe valves can also be considered as qualified for Needle valves provided they manufacture the same.



01180	OFFSHORE SI	JGGESTED VENDOR LIST	
Mechanic	al and Rotary Equipment		
Product	1 Deck Crane-API-2C Monogran		1
S. No.	Vendor	Country	Remark/Note
1	Favelle Favco Cranes	Australia / Malaysia	
2	Manitowoc Crane Inc, Manitowoc	USA	On Hold- B2#
3	Raina Engineering, Mumbai	India	On Hold- B3 (For Process Platforms including Living Quarters application)
4	Oil States Skagit SMATCO, LLC	USA	
5	ECI, Energy Cranes International	USA	On Hold- B1#
6	National Oil Well	USA	^Market Leader
7	Seatrax (UK) Limited	UK	Deletion- C1
8	Patriot Mechanical Handlaing Inc	USA	On Hold- B2#
9	ITALGRU SRL	Italy	
Product	2 Pneumatic (Air/HC gas) drive		
S. No.	Vendor	Country	Remark/Note
1	Haskel Energy	USA/UK	Merged from Product S. No. 40- Air/HC Gas Driven Pump. Name correction as 'Haskel Energy'.
2	Nikkiso	Japan	Deletion- C1
3	Check Point Pumps & Systems FZC (Fo both Air and Gas)		On Hold- B1#
Product	Pressure Vessels- ASME "U" 3 Pot, Crude Condensate Drum, Scanvenger Reaction Vessel)		
S. No.	Vendor	Country	Remark/Note
1	L & T, Hazira/ Powai *	India.	
2	R.D.Engineers, Mumbai	India	
3	Kilburn Engg.Ltd, Mumbai	India	
4	BHEL, Trichy	India	^PSU (Trichy to be removed)
5	MIS*	Sharjah	On Hold- B2#
6	GMMOS	Dubai	
7	Sungjin*	korea	On Hold- B2#
8	FAI, Spa	Bergamo	On Hold- B2#
9	Indcon Projects & Equipment Ltd., New Delhi	India	
10	Deutche Babcock *	Abu dhabi	On Hold- B2#
11	ISGEC	India	



			JOGESTED VENDOR EIST			
12	Multitex	Filteration Engineers Ltd.	India			
13	IMS		Italy	Deletion- C3		
14	Hupseng Offshore Engineering Pte. Ltd		Singapore	On Hold- B2#		
15	Perfect	International FZC	UAE			
16	NPCC,	Abu Dhabi	UAE			
17	Sparkle	et Engineers Pvt Ltd	India	#		
Notes	(i) All the '*" Marked Vendors are acceptable for sup Skimmer Vessels, However, process guarantor s Vendor List, shall take approval from Company for		cess guarantor selected other from Company for the same.	elected other than the one in "Separators"		
	(ii)	Tanks (used for Chemical, Wate	er & Diesel Storage)			
Product	4	Instrument / Utility Gas Syster		Demonik (Marta		
S. No.	Vendor		Country	Remark/Note		
1	Dodwel		Japan	Deletion- C3		
2	Tide Aiı	r Inc	USA	On Hold-B2#		
3	Mc Neil	I & Magor,Mumbai	India	Deletion- C3		
4	Nigata		Japan	Deletion- C3		
5	Kilburn Engg Ltd, Mumbai		India			
6	Howma	ır	UK	On Hold-B2#		
7	INDCO	N Projects & Equipments Ltd.	India			
Note		vendors under the Fuel Gas Conc Systems also.	litioning Skid Category in this I	ist can be considered acceptable		
Product	5	Chain Pulley Block				
S. No.	Vendor	r	Country	Remark/Note		
1	Ingerso	ll Rand	USA			
2	Beebe	International Inc	USA	On Hold- B1#		
3	Dresse	r	USA	Deletion- C1		
4	Ajmeera	a	India	Trader		
5	Kito		Japan			
6	Air Dyne		UK	Trader		
7	J Barnsley		UK			
8	Ansel J	ones	UK			
9	Hercule	es Hoist	India			
Product	6	Heat Exchangers-Shell-Tube 1	EMA code	·		
S. No.	Vendor		Country	Remark/Note		
1	BHPV		India	^PSU		



01180	OFFSHORE SU	GGESTED VENDOR LIST	
2	EBM – Hudson	Italy	On Hold- B2#
3	IMB (Industrie Mecchanie De Bangnalo Spa)	Italy	On Hold- B2#
4	Nuovo Pignone SPA	Italy	On Hold- B2#
5	OLMI SPA	Italy	On Hold- B1#
6	нн	Korea	^Market Leader
7	Belleli Energy srl	Italy	Deletion- C3
8	L&T	India	Ltd. To be added
9	Kavery	India	Deletion- C1
10	Belch Energy, Srl	Italy	Deletion- C3
11	GEI Industrial Systems Ltd., Bhopal (For Gas Coolers)	India	On Hold- B2#
12	FAI, Spa	Bergamo	On Hold- B2#
13	Bukit Fraser Thermal Technology Sdn Bhd	Malaysia	
14	Godrej & Boyce Mfg. Co. Ltd	India	
15	GR Engineering Works	India	
16	ISGEC	India	
17	TEMA India Ltd.	India	
18	Indcon Projects & Equipments Ltd	India	
19	BGR Energy Ltd.	India	On Hold- B2#
Product	7 Separators (HP/LP / Cyclone / ASME 'U' code stamped)	Fest / Surge Tank / Knock Ou	t Drums / Skimmer Vessels -
S. No.	Vendor	Country	Remark/Note
1	Frames Process System, B.V	Netherlands	Systems instead of System.
2	Global Process System Inc.	Dubai / Malaysia	Inc to be removed
3	Gas Tech Engineering Corporation	USA	
4	Laksel EPS Technologies Pte Ltd	Singapore	
5	NATCO	Japan	^Market Leader
6	VME Process	USA	On Hold- B2#
7	IMS	Italy	Deletion- C3
8	Multitex Filtration Engineers Ltd (Only for Knock Out Drums)	India	



9	Koene Consultancy Holland BV (KCH Separation BV)	Holland	Country name-Netherlands		
10	FMC Separation System B.V.	Netherlands	#		
Note	Fabricator for the above Separators to be selected from one of those Vendors listed in the Suggeste Vendor List under item "Pressure Vessels". Any other fabricator selected shall be ASME 'U' code stamp authorized fabricator with PTR (Proven Past Track Record) of minimum two years of offshore experience and shall be fabricating in the last four years. Necessary documents are to be submitted incorporated in Purchase Specification (PS) for review of company.				
Product	8 Fuel Gas Conditioning And Co				
S. No.	Vendor	Country	Remark/Note		
1	Petreco International Ltd	UK	On Hold- B2#		
2	Oil & Gas Systems Ltd	UK			
3	Ingersoll Rand	USA	On Hold- B2#		
4	Cenatco	ик	Deletion- C3		
5	іні	Japan	^Market Leader		
6	Axsia Serck Baker	ик	On Hold- B2#		
7	Gas Tech Engineering Corporation	USA			
8	Frames Process System, B.V (Fabrication facility to be approved by the Company at the time of Execution)	Netherland	On Hold- B2#		
9	Texas Systems & Controls	USA	On Hold- B1#		
10	Global Process System Inc.	Dubai (Malaysia)	Inc to be removed. Country name-Dubai/Malaysia		
11	Premabergo Italiano SRL	Italy	On Hold- B2#		
12	Multitex Filtration Engineers Ltd.	India	On Hold- B2#		
13	GlobalTech Systems Engineering Pte Ltd	Singapore			
Product	9 HVAC	<u></u>	<u></u>		
S. No.	Vendor	Country	Remark/Note		
1	Tisdale	USA	On Hold- B2#		
2	Specialist Services	UAE			
3	Direct Engineering Services	Australia	On Hold- B1#		
4	АВВ	Switzerland	^Market Leader		
5	Nameri		Deletion- C3		



		GGESTED VENDOR LIST		
6	HVAC & Refregeration Engineering Ltd., ABERDEEN	Scotland		
7	HI-PRES	Korea	On Hold- B2#	
8	Harve Engineering Pte. Ltd. (Major equipments of the package should be from M/s Carrier)	Singapore		
9	JL Marine & Engineering Pte Ltd.	Singapore		
10	Hertal Offshore	The Netherlands		
11	Seven Seas Services LLC	Dubai		
12	Universal Voltas LLC (For Pressurization & Ventilation System only)	Dubai		
Product	10 Sewage Treatment Unit		•	
S. No.	Vendor	Country	Remark/Note	
1	Red Fox, Lousiana	USA	Proposed for Biological type	
2	Exceltech, Sugarland	USA	Deletion- C1	
3	Sasakura Engg. Co. Ltd.	Japan	On Hold- B2#	
4	Demco Cooper Industries	USA	Deletion- C3	
5	Ominopure	USA	Deletion- C1	
6	Severn Trent De Nora	USA	Proposed for Electro-Catalytic type	
Product				
S. No.	Vendor	Country	Remark/Note	
1	Peerless	Australia	On Hold- B2#	
2	DMW Corporation	Japan		
3	Goulds Pumps	USA	On Hold- B1#	
Product S. No.	12 Rotary Gear Pumps	Remark/Note		
<u>5. NO.</u> 1	Albany	Country UK	On Hold- B2#	
2	Viking	UK	On Hold-B1#	
3	Hayward Tayler	UK		
4	Shothert & Pitt	UK	On Hold- B2#	
5	MAAG	Italy		
6	Viking Pump, Inc.	USA		
Product	13 Fire Water Pump			
S. No.	Vendor	Country	Remark/Note	
	Clyde Union Ltd.	UK	On Hold- B2#	



2	Clyde Union SAS	France	On Hold- B2#	
3	Fluid Power	USA		
4	Peerless Pumps	USA/Australia	Proposed to make correction in name as "Peerless Pumps, USA (Peerless Pty Australia Ltd, Australia)"	
5	Ingersoll Rand	UK/USA	On Hold- B1#	
6	Flowserve (Austria) GmbH	Austria	On Hold- B1#	
7	Thompson Pumps	USA	On Hold- B2#	
8	KSB Pumps	Germany	On Hold- B2#	
9	Ebara Corporation	Japan	Deletion- C1	
10	SPP	UK	On Hold- B2#	
11	Nuovo Piganone	UK	On Hold- B2#	
12	Mather and Platt	UK	On Hold- B2#	
13	BJORGE Eureka AS	Norway	On Hold- B2#	
Product	t 14 Instrument Air Compressors			
	(Category name correction proposed as "Instrument & Utility Air Compressors")			
S. No.	Vendor	Country	Remark/Note	
S. No. 1	Vendor Tide Air	Country USA	Remark/Note On Hold-B1#	
1	Tide Air	USA		
1	Tide Air Atlas Capco	USA	On Hold-B1#	
1 2 3	Tide Air Atlas Capco Worthington Turbodyne	USA USA USA	On Hold-B1# On Hold- B2#	
1 2 3 4	Tide Air Atlas Capco Worthington Turbodyne Norwalk	USA USA USA USA	On Hold-B1# On Hold- B2#	
1 2 3 4 5	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air	USA USA USA USA UK	On Hold-B1# On Hold- B2# On Hold- B2#	
1 2 3 4 5 6	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air Ingersoll Rand	USA USA USA USA UK USA	On Hold-B1# On Hold- B2# On Hold- B2#	
1 2 3 4 5 6 7	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air Ingersoll Rand Airpack	USA USA USA USA USA UK USA Netherland	On Hold-B1# On Hold- B2# On Hold- B2# On Hold- B2# AMarket Leader Name correction proposed as " Bellies & Morcam". Country name-	
1 2 3 4 5 6 7 8	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air Ingersoll Rand Airpack Bellies	USA USA USA USA USA UK USA Netherland Morcam	On Hold-B1# On Hold- B2# On Hold- B2# On Hold- B2# AMarket Leader Name correction proposed as " Bellies & Morcam". Country name-	
1 2 3 4 5 6 7 8 9	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air Ingersoll Rand Airpack Bellies Kobe Steel Ltd	USA USA USA USA USA UK USA Netherland Morcam Japan	On Hold-B1# On Hold- B2# On Hold- B2# On Hold- B2# AMarket Leader Name correction proposed as " Bellies & Morcam". Country name-UK	
1 2 3 4 5 6 7 8 9 10	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air Ingersoll Rand Airpack Bellies Kobe Steel Ltd Howden Process Compressors	USA USA USA USA USA UK USA Netherland Morcam Japan UK	On Hold-B1# On Hold- B2# On Hold- B2# On Hold- B2# AMarket Leader Name correction proposed as " Bellies & Morcam". Country name-UK	
1 2 3 4 5 6 7 8 9 10 11	Tide Air Atlas Capco Worthington Turbodyne Norwalk Comp air Ingersoll Rand Airpack Bellies Kobe Steel Ltd Howden Process Compressors Neuman & Essar	USA USA USA USA USA UK USA Netherland Morcam Japan UK USA	On Hold-B1# On Hold- B2# On Hold- B2# ^Market Leader Name correction proposed as " Bellies & Morcam". Country name- UK Deletion- C1	



				
14	Dresser-Rand		India	Deletion- C1
Product	15 Vender	Sea Water Lift Pumps Package		Domoril/Noto
S. No.	Vendor		Country	Remark/Note
1	Clyde U	nion Ltd.	UK	On Hold- B2#
2	Clyde U	nion SAS	France	On Hold- B2#
3	KSB		Germany	^Market Leader
4	Ebara C	Corporation	Japan	^Market Leader
5	DMW		Japan	DMW as DMW Corporation
6	UPC		USA	Deletion- C3
7	SPP		UK	On Hold- B2#
8	BPCL		India	^PSU
9	Flowserve (Austria) GmbH		Austria	On Hold- B2#
10			England	On Hold- B2#
Product				
S. No.	vendor		Country	Remark/Note
1	Peerles	s Europe Limited	UK	
2	Wemco		USA	On Hold- B2#
3	Axsia S	erck Baker	UK	On Hold- B2#
4	Petreco International Ltd		ик	On Hold- B2#
5	Petrolite		USA	On Hold- B2#
6	Technomirk with snam			Deletion- C3
7	Global Process System Inc.		Dubai (Malaysia)	Inc to be removed. Country name-Dubai/Malaysia
8	Siemens Pte.Ltd.		Singapore	
9	FLSmidth gMAX Systems		USA	
10	Process Group Pty Ltd		Australia	On Hold- B3
11	Cetco Oilfield Services		Malaysia	
		Utility Generator- A. Engine		-
Product	17 (Product Category 17A & 17B proposed to be merged under the heading "Engine Sup Packager")			ading "Engine Supplier and
S. No.	Vendor		Country	Remark/Note
-				•



1	Fuji Electric		Japan	^Market Leader. Name proposed as 'Fuji Electric Co. Ltd. (Packager only)
2	Cooper	Engergy Services	USA	On Hold- B1#
3	MAN ar	nd B&W, Germany		On Hold- B1#
4	OT, Wa	rtsila		^Market Leader (Correction in name as Wartsila, Finland)
5	FIN Car	nteiri Div. Grandi Motor	Italy	On Hold- B2#
6	MAN-UI	NTERREHMNSBERICH		Deletion- C3
		Utility Generator- B. Engine Su	upplier and Packager	• •
Product	17	(Product Category 17A & 17B pro Packager")		ading "Engine Supplier and
S. No.	Vendor		Country	Remark/Note
1	Stewart and Stevenson		USA	On Hold- B2# (Proposed as "Stewart and Stevenson (Packager only)"
2	Pon Power BV		Netherlands	Proposed as "Pon Power BV (Packager only)"
3	Caterpillar		USA	^Market Leader
4	КАТО		USA	^Market Leader. Proposed as "KATO (Packager only)"
5	Ruston Diesel		USA	^Market Leader
6	Wankesha pearce Ind. Inc		USA	On Hold- B2#. Correction in name proposed as "Waukesha- Pearce Industries". Proposed as Packager only.
7	Cumins		USA	^Market Leader. Spelling correction in name as "Cummins"
8	MTU Detroit Inc.		USA	^Market Leader
9	Regon I	Equipment Co.	USA	On Hold- B2#. Correction in name proposed as "Reagan Equipment Co.". Proposed as Packager only.



10	McPEC Marine & Offshore Engineering Pte Ltd	Singapore	Proposed as "McPEC Marine & Offshore Engineering Pte Ltd (Packager only)"
Note	After merging of product categories 17 and Packager', A note to be added as are also acceptable as Engine Supplie	"Vendors who are Engine Mai	nufacturer from the above list
Product	18 Chlorinators		
S. No.	Vendor	Country	Remark/Note
1	Engel Hard	UK	On Hold- B2#
2	Diaki Engineering Co. Ltd	Japan	On Hold- B2#
3	Mitsubishi Heavy Ind.	Japan	On Hold- B2#
4	Petreco International Ltd	ик	On Hold- B2#
5	Titanium Tantalum Products Ltd., Chennai	India	
Product	19 Fine Filters		
S. No.	Vendor	Country	Remark/Note
1	Petreco International Ltd.	ик	On Hold- B2#
2	Axsia-Serck-Baker	UK	On Hold- B2#
3	GPS (Global Process Systems Sdn Bhd)	Malaysia	
4	Plenty Metrol	ик	On Hold- B2#
5	Eta Process Plant	ик	
Product	20 Water Deoxygenation Package		
S. No.	Vendor	Country	Remark/Note
1	Axsia serck baker	USA	On Hold- B2#
2	Eta Process Plant Ltd.	ик	
3	Hick Havgreaves	ик	On Hold- B1#
4	Plenty Metrol		On Hold- B2#
	Main Injection / Main Oil Line F	Pumps- Pumps	
Product	21 (Reduntant word "Pumps" to b	be removed from Category na	me as it is implicit)
S. No.	Vendor	Country	Remark/Note
1	Clyde Union Ltd.	ик	
2	Ebara Pump	Japan	[^] Market Leader. Name of the vendor proposed as 'Ebara Corporation'
3	Clyde Uniion SAS	France	
4	Clyde Union DB Ltd	UK	
ł		1	I



		IGGESTED VENDOR LIST	
5	Sulzer Pump	UK/Switzerland	^Market Leader
6	Dmw Corporation	Japan	
7	Flowserve S.A.	Argentina	
Product	22 Sump Caisson	•	•
S. No.	Vendor	Country	Remark/Note
1	ESI	USA	
2	ENVIRO-TECH SYSTEMS L.L.C	USA	
Product	23 Chemical Storage & Dosing Sy	vstem	
S. No.	Vendor	Country	Remark/Note
1	Milton Roy India	USA, France, UK	Country name proposed as India
2	Nikkiso	Japan	
3	Ced Project Ltd., Buckingham Shine	UK	On Hold- B2#
4	Bran & Luebbe (Gb) Ltd.	ик	Name proposed as 'Bran & Luebbe'. (Gb) Ltd. to be removed.
5	Petronash FZE	UAE	
6	Check Point Process Pumps & Systems Dubai	UAE	On Hold- B1#
7	GlobalTech Systems Engineering Pte Ltd	Singapore	
Product	24 Sump Pumps		
S. No.	Vendor	Country	Remark/Note
1	Sulzer Pumps	India	
2	DMW Corporation	Japan	
3	KirloskarEbara Pumps Ltd	India	^Market Leader
4	Ebara Corporation	Japan	^Market Leader
Product	Metering Pumps 25 Catg. 25- Metering Pumps & C. Controlled Volume Pumps"		
S. No.	Vendor	Country	Remark/Note
1	Union	USA	On Hold- B1#
2	Nikkiso	Japan	
3	William Instrument Co. INC	USA	On Hold- B2#
4	Alfa Laval		On Hold- B2#
	Reciprocating Dosing Pumps		
Product	26 Catg. 25- Metering Pumps & C Controlled Volume Pumps"	atg. 26- Reciprocating Dosing	Pumps to be merged as "
S. No.	Vendor	Country	Remark/Note
1	Milton Roy, International	USA	'International' to be removed
	1	L	L



2	Bran & Luebbe	Germany	
3	Lewa	Germay	
4	Nikkiso	Japan	Deletion- C1
5	Dosapro	France	On Hold- B2#
6	Wallace & Tieman	UK	On Hold- B2#
7	PERONI POMPE SpA	Italy	On Hold- B2#
8	Check Point Fluidic Systems International Ltd	USA	
Product	27 Rotary Positive Displaceme	ent Pumps	
S. No.	Vendor	Country	Remark/Note
1	Allweiler	Germany	On Hold- B2#
2	Bomeman	Germany	On Hold- B2#
3	IMO	Sweden	On Hold- B2#
4	Viking	USA	Name proposed as ' Viking Pump Inc.'
5	Ingersoll / Dresser Intl.	USA	On Hold- B1#
6	Seepex Germany	Germany	
Product	28 Reciprocating Plunger Pum		
S. No.	Vendor	Country	Remark/Note
1	DMW, Japan	Japan	Name proposed as 'DMW Corporation'
2	WEPUKO Hydraulic GMBH	Germany	
3	RAM PUMPS LTD.	UK	
4	Clyde Union Inc.	USA	
5	Peroni Pompe SpA	Italy	#
Product	29 Vacuum Pumps		
S. No.	Vendor	Country	Remark/Note
1	Siemen	Germany	On Hold- B2#. (Name correction as "Siemens")
2	Ebara	Japan	On Hold- B2#
3	Nash	USA	On Hold- B2#
4	SIHI	USA	On Hold- B2#
5	Sulzer/Burckhandt	Switzerland	On Hold- B2#
6	Busch GVT Ltd	UK	
Product	30 Process Gas Compressor (
S. No.	Vendor	Country	Remark/Note
1	кні	Japan	



2 IHI Japan 3 Dresser Rand USA 4 Cooper Energy Services USA On Hold- B1# 5 MAN Turbo Germany On Hold- B1# 6 Elliott (Now owned by Ebara – Japan) Japan Name proposed as 'Eb Corporation' 7 Solar Turbines Inc. USA Name proposed as 'Eb Corporation' 7 Solar Turbines Inc. USA Marker Leader 8 Dermacy De Laval (Siemens AG, Germany Germany Market Leader 9 Product 31 Gas Turbine- API 616 Solar Turbines 5. No. Vendor Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK Market Leader 3 Alstom, UK (M's Siemens AG, Germany) Germany Market Leader 4 Solar Turbines USA Product 32 7 Solar Turbines USA Product 33 1 Caterpillar USA Product 1 2 DOE Set (Portable) Solar Turbines India 5 No. Vendor Country Remark/Note 1 Caterpillar USA	3	Dresser Rand Cooper Energy Services	USA	
4 Cooper Energy Services USA On Hold- B1# 5 MAN Turbo Germany On Hold- B1# 6 Elliott (Now owned by Ebara – Japan) Japan Name proposed as 'Ebi Corporation' 7 Solar Turbines Inc. USA Name proposed as 'Ebi Corporation' 7 Solar Turbines Inc. USA Name proposed as 'Ebi Corporation' 8 Demag-De Laval (Siemens AG, Germany) Germany Remark/Note 1 General Electric USA Market Leader 2 Rolls-Royce UK Market Leader 3 Alstom, UK (M/s Siemens AG, Germany) Germany Market Leader 4 Solar Turbines USA Vendor Solar Turbines 5 No. Vendor Country Remark/Note 1 Caterpillar USA Product 32 DG Set (Portable) 5 No. Vendor Country Remark/Note 1 Caterpillar USA Product 33 IC2 Snuffing System 5 No. Vendor Country Remark/Note India <	4	Cooper Energy Services		
5 MAN Turbo Germany On Hold- B1# 6 Elliott (Now owned by Ebara – Japan) Japan Name proposed as 'Ebi Corporation' 7 Solar Turbines Inc. USA Image: Del Laval (Siemens AG, Germany) Product 31 Gas Turbine- API 616 Image: Del Laval (Siemens AG, Germany) Product 31 Gas Turbine- API 616 Image: Del Laval (Siemens AG, Germany) S. No. Vendor Country Remark/Note 1 General Electric USA Image: Del Laval (Mice Siemens AG, Germany) 3 Aistom, UK (M/s Siemens AG, Germany) Germany Image: Del Laval (Mice Siemens AG, Germany) 4 Solar Turbines USA Image: Del Laval (Mice Siemens AG, Germany) Remark/Note 1 Caterpillar USA Image: Del Laval (Mice Siemens AG, Germany) Remark/Note 1 Caterpillar USA Image: Del Laval (Mice Siemens AG, Germany) Remark/Note 1 Caterpillar USA Image: Del Laval (Mice Siemens AG, Germany) Remark/Note 1 New Age Industries, Mumbai India Image: Del Laval (Mice Siemens AG, Germany) Remark/Note 1			USA	
6 Elliott (Now owned by Ebara – Japan) Japan Name proposed as ' Eba Corporation' 7 Solar Turbines Inc. USA 8 Demag-De Laval (Siemens AG, Germany) Germany Product 31 IGas Turbine- API 616 S. No. Vendor Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK - 3 Alstom, UK (M/s Siemens AG, Germany) Germany 4 Solar Turbines USA - Product 32 DG Set (Portable) - S. No. Vendor Country Remark/Note 1 Caterpillar USA - Product 33 ICO2 Snuffing System - S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India - Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) - S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd.	5			On Hold- B1#
b Elliott (Now owned by Ebara – Japan) Japan Corporation' 7 Solar Turbines Inc. USA 8 Demag-De Laval (Siemens AG, Germany) Germany Product 31 Gas Turbine- API 616 S. No. 5. No. Vendor Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK 3 Alstom, UK (M/s Siemens AG, Germany) Germany 4 Solar Turbines USA ////////////////////////////////////	-		Germany	On Hold- B1#
8 Demag-De Laval (Siemens AG, Germany) Germany Product 31 Gas Turbine- API 616 Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK	6	Elliott (Now owned by Ebara – Japan)	Japan	Name proposed as ' Ebara Corporation'
Bermany) Germany Product 31 Gas Turbine- API 616 S. No. Vendor Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK	7	Solar Turbines Inc.	USA	
S. No. Vendor Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK 3 Alstom, UK (M/s Siemens AG, Germany) Germany 4 Solar Turbines USA Product 32 DG Set (Portable) S. No. Vendor Country 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country 1 New Age Industries, Mumbai India 1 New Age Industries, Mumbai India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India	8		Germany	
S. No. Vendor Country Remark/Note 1 General Electric USA ^Market Leader 2 Rolls-Royce UK 3 Alstorn, UK (M/s Siemens AG, Germany) Germany 4 Solar Turbines USA Product 32 DG Set (Portable) S. No. Vendor Country Remark/Note 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India	Product	31 Gas Turbine- API 616		
1 General Electric USA ^Market Leader 2 Rolls-Royce UK			Country	Remark/Note
3 Alstom, UK (M/s Siemens AG, Germany) Germany 4 Solar Turbines USA Product 32 DG Set (Portable) S. No. Vendor Country 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Remark/Note 1 New Age Industries, Mumbai India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India Prosu 6 Bharat Heavy plates & Vessels India Prosu Veste Heat Exchangers <td></td> <td></td> <td></td> <td></td>				
4 Solar Turbines USA Product 32 DG Set (Portable) S. No. Vendor Country Remark/Note 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India Product 34 Air Fin Coolers-(CS & SS) Froposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India APSU Waste Heat Exchangers Mate Heat Exchangers Product	2	Rolls-Royce	UK	
Product 32 DG Set (Portable) S. No. Vendor Country Remark/Note 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India Remark/Note 1 New Age Industries, Mumbai India Mir Fin Coolers-(CS & SS) Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU Maste Heat Exchangers Maste Heat Exchangers Product 35	3	Alstom, UK (M/s Siemens AG, Germany)	Germany	
S. No. Vendor Country Remark/Note 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^APSU 6 Bharat Heavy plates & Vessels India ^APSU	4	Solar Turbines	USA	
S. No. Vendor Country Remark/Note 1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^APSU 6 Bharat Heavy plates & Vessels India ^APSU	Product	32 DG Set (Portable)		
1 Caterpillar USA Product 33 CO2 Snuffing System S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India India Product 34 Air Fin Coolers-(CS & SS) India Product 34 Air Fin Coolers-(CS & SS) India S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU 8 Bharat Heavy plates & Vessels India ^PSU			Country	Remark/Note
S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU Bharat Heavy plates & Vessels India ^PSU				
S. No. Vendor Country Remark/Note 1 New Age Industries, Mumbai India India Product 34 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU Bharat Heavy plates & Vessels India ^PSU	Product	33 CO2 Snuffing System		
1 New Age Industries, Mumbai India 1 Air Fin Coolers-(CS & SS) (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country 1 GEA Energy Systems India Ltd. India 2 GEI Industrial Systems Ltd India 3 L&T Ltd India 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU 8 Bharat Heavy plates & Vessels India ^PSU			Country	Remark/Note
Froduct 34 (Proposed for merging with Air Cooled Heat Exchanger at S. No. 39) S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B1# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU 6 Bharat Heavy plates & Vessels India ^PSU				
S. No. Vendor Country Remark/Note 1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India On Hold- B2# 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India ^PSU 6 Bharat Heavy plates & Vessels India ^PSU	Product	34 Air Fin Coolers-(CS & SS)		
1 GEA Energy Systems India Ltd. India On Hold- B1# 2 GEI Industrial Systems Ltd India India 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India On Hold- B2# 6 Bharat Heavy plates & Vessels India ^PSU				Demerle/Nete
2 GEI Industrial Systems Ltd India 3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India On Hold- B2# 6 Bharat Heavy plates & Vessels India ^PSU	5. NO.	vendor	Country	Remark/Note
3 L&T Ltd India On Hold- B2# 4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India On Hold- B2# 6 Bharat Heavy plates & Vessels India ^PSU Waste Heat Exchangers	1	GEA Energy Systems India Ltd.	India	On Hold- B1#
4 Nuovo Pignone Spa Italy, India On Hold- B2# 5 Paharpur Cooling Towers India 6 Bharat Heavy plates & Vessels India ^PSU Waste Heat Exchangers	2	GEI Industrial Systems Ltd	India	
5 Paharpur Cooling Towers India 6 Bharat Heavy plates & Vessels India Waste Heat Exchangers	3	L&T Ltd	India	On Hold- B2#
6 Bharat Heavy plates & Vessels India ^PSU Product 35	4	Nuovo Pignone Spa	Italy, India	On Hold- B2#
Product 35	5	Paharpur Cooling Towers	India	
Product 35	6		India	^PSU
Product 35 Catg. name proposed as "Waste Heat Exchangers / Waste Heat Recovery Unit- WH		Waste Heat Exchangers		
	Product	35 Catg. name proposed as "Was	te Heat Exchangers / Waste F	leat Recovery Unit- WHRU"
S. No. Vendor Country Remark/Note	S. No.	Vendor	Country	Remark/Note
1 L & T Ltd India On Hold- B2#	1	L & T Ltd	India	On Hold- B2#
2 Petron India On Hold- B2#	2	Petron	India	On Hold- B2#
	3	Bharat Heavy Plates & Vessels	India	On Hold- B1#



01100	OFFSHORE SUGGESTED VENDOR LIST				
4	Technip	India	India	Deletion- C1	
5	Thermax		India		
6	Hitachi-	Babcock	Japan	Deletion- C1	
7	CITEC⊦ Ltd	HEnergy Recovery System UK	ик	On Hold- B1#	
Product	36	Demisters			
S. No.	Vendor		Country	Remark/Note	
1	Haver S	Standard India, Mumbai	India	On Hold- B2#	
2	Evergre	en Technologies Pvt. Ltd	India		
3	Contine	ntal Profiles Ltd	India		
4	Pace Ei	ngg Industries, Mumbai	India	On Hold- B2#	
5	Jeetum	all Jaichand Pvt. Ltd, Kolkata	India	On Hold- B2#	
Product	37	Nitrogen Generator			
S. No.	Vendor		Country	Remark/Note	
1	Cirmac	B.V. (Membrane & PSA Type)	Netherlands		
2	Air Pack (Membrane)		Netherlands		
3	Parkar Hannien Corp. (Membrane & PSA Type)		Balston	Name proposed as 'Parker Hannifin Corporation' (Membrane & PSA Type). Country name -USA	
4	Air Liquide (Membrane)		France		
Product	38 Instrument Air Dryers/Compressed Air Dryer 38 Catg. name proposed as "Air Dryer/Instrument Air Dryers/Compressed Air Dryer		s/Compressed Air Dryer"		
S. No.	Vendor		Country	Remark/Note	
1	Indcon Projects & Equipment Ltd., New Delhi		India		
	Air Cooled Heat Exchangers				
Product	39 Catg. 34- Air Fin Coolers- (CS & SS) to be merged with this catg39				
S. No.	Vendor		Country	Remark/Note	
1	Bukit Fraser Thermal Technology Sdn Bhd		Malaysia		
2	BGR Energy Systems		India		
Product	Air/HC Gas Driven Pump				
FIGURCE	40	Proposed for merging with car	tg. 2- Pneumatic (Air/HC ga	as) driven pumps	
S. No.	Vendor		Country	Remark/Note	
1	Hasket (Asia P	Energy UK (Contact: Haskel vt.Ltd.)	UK	Name correction as "Haskel Energy, USA/UK"	
		Electro Chlorinator			



Product	41 (Category to be merged with o	catg18 with name as "Chlori	nators")
S. No.	Vendor	Country	Remark/Note
1	Seventrent Denora	Netherlands	Country name proposed as USA
2	PREMABERGO ITALIANA SRL	Italy	
	Nitrogen Generator Package 8	& Air dryer package	
Product	42 (Proposed for deletion as the	category is included at S. No	.37- Nitrogen Generator)
S. No.	Vendor	Country	Remark/Note
1	Cirmac International	Netherlands	Included in Catg. 37- Nitrogen Generator
Product	43 Blow Case for Sump Caisson		
S. No.	Vendor	Country	Remark/Note
1	Hitachi Zosen	Japan	On Hold- B2#
2	ESI	USA	
3	ENVIRO-TECH SYSTEMS L.L.C	USA	
Product	44 Water Maker		
S. No.	Vendor	Country	Remark/Note
1	MEMBRANE SRL, (RO Type)	Italy	
2	AQUA - CHEM (RO & Vapour Compression Type)	USA	
3	MECO (Vapour Compression Type)	USA	
4	Rochem Separator System (India) Pvt. Ltd.	India	
Product	45 ATF Handling Pump		
S. No.	Vendor	Country	Remark/Note
1	Blackmer (A Dover Resources Company)	USA	
Product	46 GDU (Gas De-hydration Unit)		
S. No.	Vendor	Country	Remark/Note
1	NATCO	Japan	Name proposed as ' NATCO Japan Co. Ltd.'
2	Global Process Systems Sdn Bhd	Malaysia	
3	Frames Process Systems, BV	Netherlands	
4	Gastech	USA	Name proposed as 'Gas Tech Engineering Corporation'
5	Process Group	Australia	
Product	47 GSU (Gas Sweetening Unit)		
S. No.	Vendor	Country	Remark/Note
1	NATCO	Japan	Name proposed as ' NATCO Japan Co. Ltd.'



Product	48	HP & LP Flare System		
S. No.	Vendor		Country	Remark/Note
1	Zeeco I	nc.	USA	
2	GBA Er	ngineering & Construction Ltd.	UK	
3	Callidus	s Technologies	USA	
4	Argo Fla	are Service Ltd	ик	
5	Flareon	Inc	Malaysia	
6	Flare In	dustries	USA	
Product	49	Travelling Bridge Crane		
S. No.	Vendor		Country	Remark/Note
1	ICON E	ngineering, Thane (West)	Mumbai, India	
Product	50	Jet Fuel System		
S. No.	Vendor		Country	Remark/Note
1	Wilmax Engineering Pte. Ltd.		Singapore	
2	IMENCO AS		Norway	
Product	51	Diesel Centrifuge		
S. No.	Vendor		Country	Remark/Note
1	Alfa Lav	vel Mid Europe GmbH	Germany	
2	GEA Westfalia Separator Systems GmbH		Germany	
Product				ctric Hoist)
S. No.	Vendor		Country	Remark/Note
1	ICON Engineering, Thane (West)		India	
Product	53 Filters & Filter Coalescers			
S. No.	Vendor		Country	Remark/Note
1	Multitex Filtration Engineers Limited		India	
Product	54	Air/Natural Gas Operated Dou		
S. No.	Vendor		Country	Remark/Note
1	WARRE	EN RUPP INC	USA	

Fire Water Pump Proposed as Packaged item and vendors under this category are considered accordingly	Notes	Market Leader / PSU	Proposed to consider for continuation in vendlor list. Vendors not responded but are Market Leaders/PSU	
		Fire Water Plimp	Proposed as Packaged item and vendors under this category are considered accordingly	



Safety Ite	ems					
Product	1 Dry Chemical Skid-(350 lbs)-UL listed skid/ UL listed Components					
S. No.	Vendor		Country	Remark/Note		
1	Ansul F	ire Protection	USA	On Hold- B1#		
2	Safety & Health		USA	Deletion- C3		
3	Wormald		USA	On Hold- B1#		
4	Fire Boss		USA	On Hold- B2#		
5	Vijay Fire Vehicles & Pumps Ltd		India			
6	Fire Combat		USA	On Hold- B2#		
7	Ansul		India	Deletion- C3		
Product	2	Portable Fire Extinguishers				
S. No.	Vendor		Country	Remark/Note		
1	Kooverji Devshi & Co. Pvt.Ltd. Mumbai		India	Deletion- C1		
2	Wormald Fire Engg		USA	Deletion- C3		
3	Houston Fire Equip.Co.		USA	Deletion- C3		
4	Doopley Fire System Inc.		USA	On Hold- B1#		
5	Zeneth Fire Services, Mumbai		India			
6	Mercantile & Marine Services (I) Pvt Ltd., Mumbai		India	Trader		
7	Nitin Fire Protection Ind.Ltd		India			
Product	Life Preservers (Life Jackets, Life Ring Buoys) Inflatable Life Rafts, First Aid Kits, Fire Blanket, Fireman's outfit, Breathing equipment, Stretcher, Personnel Baskets, Scramble nets					
S. No.	Vendor		Country	Remark/Note		
1	Wormal	d Fire Engg.	Australia	Deletion- C3		
2	Houston Fire & Safety Equipt.Co.		USA	On Hold, Deletion- C3		
3	Alaxander Industrial Inc.Houston		USA	On Hold, Deletion- C3		
4	Keegan Speciality		USA	On Hold, Deletion- C3		
5	Billy Pugh Co. Inc.		USA	^Market Leader. Proposed for Personnel Basket, Work Vest, Wind Socks, Swing Ropes, Stretcher, Ring Buoys, Scramble Net		
6	Eastern Stores, Mumbai		India	On Hold, Deletion- C3		
7	Galvianiser, Mumbai		India	On Hold- B2. Name proposed as 'Galvanisers India'. Vendor has responded.		



B Mercantile & Marine Services(I) Pvt.Ltd. Mumbai India Trader 9 Ahmed S. Moloobhoy & Sons, Mumbai. India Deletion- C3 10 Mercalian Inflatable Pvt.Ltd. Mumbai India On Hold. B2# 11 Aero Marine Industries Pvt.Ltd., Madras India On Hold. Deletion- C3 12 Unicare Emergency Eqpt Pvt Ltd., Madras India Proposed for Life Buoy, Life Jacket 13 Eastern Shipchandlers India Trader 14 Besto Life Saving The Netherlands Proposed for Life Acket 15 Viking Life-Saving Equipment Pte, Ltd Singapore Proposed for Life Raft, Work Vest, Life Jacket 16 Solas Marine Services Co., LLC UAE Trader 17 Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Air Compressor to to craced and this vender to be included in that category as the Safety Shower New Product category as the Safety Shower 18 Aerotecnica Coltri Spa (Only for Breathing Air Compressor) India Merceantion Category as the Safety Shower 2 Offshore Coltring & Suppliers Ltd UK Deletion- C3 Distol Uniform Ltd., Bristol 1 Unicare Emergency Equipment, Mumbai India Merceanticate Category as the Safety Shower 2 Offshore Coltring & Suppliers Ltd UK Deletion- C3	8 N 9 A 10 N	Mumbai Ahmed S. Moloobhoy & Sons, Mumbai.		Trader
10 Meredian Inflatable Pvt.Ltd Mumbai India On Hold- B2# 11 Aero Marine Industries Pvt.Ltd.,Madras India On Hold, Deletion- C3 12 Unicare Emergency Eqpt Pvt Ltd., Mumbai India Proposed for Life Buoy, Life Jacket 13 Eastern Shipohandlers India Trader 14 Besto Life Saving The Netherlands Proposed for Life Jacket 15 Viking Life-Saving Equipment Pte. Ltd Singapore Proposed for Life Jacket 16 Solas Marine Services Co., LLC UAE Trader 17 Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Air Compressor) India New Product category as "Breathing Air Compressor) 18 Aerotecnica Coltri Spa (Only for Breathing Air Compressor) Italy New Product Category as "Breathing Air Compressor) 1 Unicare Emergency Equipment, Mumbai. India 2 Offshore Clothing & Suppliers Ltd UK Deletion- C3 3 Nippon Encon. MFG.Co.Ltd. Japan On Hold- B2# Product 5 Helicopter Rescue Kit Solas Market Leader. Proposed for Fire Protective Clothing 2 Wormald Fire Engg. USA	10	-	India	
11Aero Marine Industries Pvt.Ltd.,MadrasIndiaOn Hold, Deletion- C312Unicare Emergency Eqpt Pvt.Ltd., MumbaiIndiaProposed for Life Buoy, Life Jacket13Eastern ShipchandlersIndiaTrader14Besto Life SavingThe NetherlandsProposed for Life Buoy, Life Jacket15Viking Life-Saving Equipment Pte. LtdSingaporeProposed for Life Aat, Work Vest, Life Jacket16Solas Marine Services Co., LLCUAETrader17Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set)IndiaNew Product category as Vest, Life Jacket18Aerotecnica Coltri Spa (Only for Breathing Air Compressor)ItalyNew Product category as Vest and this vendor to be included in that carg.10Unicare Emergency Equipment, Mumbai.India2Offshore Clothing & Safety ShowerRemark/Note3Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitYear Mote3Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product6Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Eupt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndiaProtective Clothing, Siloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Servic				Deletion- C3
12Unicare Emergency Eqpt Pvt Ltd , MumbalIndiaProposed for Life Buoy, Life Jacket13Eastern ShipchandlersIndiaTrader14Besto Life SavingThe NetherlandsProposed for Life Backet15Viking Life-Saving Equipment Pte. LtdSingaporeProposed for Life Raft, Work Vest, Life Jacket16Solas Marine Services Co., LLCUAETrader17Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set)IndiaNew Product category as "Breathing Air Compressor" to be created and this vendor to be included in that carg.18Aerotecnica Coltri Spa (Only for Breathing Air Compressor)ItalyRemark/Note1Unicare Emergency Equipment, MumbaiIndia2Offshore Clothing & Suppliers LtdUKDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitSA5. No.VerndorCountryRemark/Note1Bristol Uniform Ltd., BristolUKMarket Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Eupt.Co.USADeletion- C34Doopley Fire Systems Inc.USADeletion- C35Joseph Leslie & Co.MumbaiIndiaMarket Leader. Proposed for Fire Protective Clothing, Cloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUSADeletion- C3 <td></td> <td>Meredian Inflatable Pvt.Ltd Mumbai</td> <td>India</td> <td>On Hold- B2#</td>		Meredian Inflatable Pvt.Ltd Mumbai	India	On Hold- B2#
12MumbaiIndiaJacket13Eastern ShipchandlersIndiaTrader14Besto Life SavingThe NetherlandsProposed for Life Jacket15Viking Life-Saving Equipment Pte. LtdSingaporeProposed for Life Raft, Work Vest, Life Jacket16Solas Marine Services Co., LLCUAETrader17Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set)IndiaNew Product category as "Breathing Air Compressor" to be created and this wondor to be increated and this wondor to be created and this wondor to	11 /	Aero Marine Industries Pvt.Ltd.,Madras	India	On Hold, Deletion- C3
14Besto Life SavingThe NetherlandsProposed for Life Jacket15Viking Life-Saving Equipment Pte. LtdSingaporeProposed for Life Raft, Work Vest, Life Jacket16Solas Marine Services Co., LLCUAETrader17Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set)IndiaReverence18Aerotecnica Coltri Spa (Only for Breathing Air Compressor)ItalyNew Product category as "Breathing Air Compressor)18Aerotecnica Coltri Spa (Only for Breathing Air Compressor)ItalyRemark/Note10Unicare Emergency Equipment, Mumbai.IndiaIndia2Offshore Clothing & Suppliers LtdUKDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Jeleicopter Rescue KitFrie Protectectoring Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Eulpt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndiaMarket Leader. Proposed for Hermet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader			India	-
15 Viking Life-Saving Equipment Pte. Ltd Singapore Proposed for Life Raft, Work Vest, Life Jacket 16 Solas Marine Services Co., LLC UAE Trader 17 Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set) India New Product category as Breathing Apparatus Set) 18 Aerotecnica Coltri Spa (Only for Breathing Air Compressor) Italy New Product category as Breathing Air Compressor) 18 Aerotecnica Coltri Spa (Only for Breathing Air Compressor) Italy New Product category as Breathing Air Compressor) 18 Aerotecnica Coltri Spa (Only for Breathing Air Compressor) Italy New Product category as Breathing Air Compressor) 10 Breathing Air Compressor) Italy Remark/Note 1 Unicare Emergency Equipment, Mumbai. India Deletion- C3 2 Offshore Clothing & Suppliers Ltd UK Deletion- C3 3 Nipon Encon. MFG.Co.Ltd. Japan On Hold- B2# Product 5 Helicopter Rescue Kit S.No. Vendor Country 2 Wormald Fire Engg. USA Deletion- C3 Deletion- C3 3 Houston Fire Safety Euipt.Co. USA Deletion- C3 </td <td>13 E</td> <td>Eastern Shipchandlers</td> <td>India</td> <td>Trader</td>	13 E	Eastern Shipchandlers	India	Trader
15 Viking Elde-Sading Equipment Pret. Edd Singapore Vest, Life Jacket 16 Solas Marine Services Co., LLC UAE Trader 17 Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set) India New Product category as "Breathing Air Compressor" to be created and this vendor to be included in that catg. 18 Aerotecnica Coltri Spa (Only for Breathing Air Compressor) Italy New Product category as "Breathing Air Compressor" to be created and this vendor to be included in that catg. Product 4 Leye Wash & Safety Shower New Product category as "Breathing Air Compressor" to be created and this vendor to be included in that catg. 1 Unicare Emergency Equipment, Mumbai. India Product 2 Offshore Clothing & Suppliers Ltd UK Deletion- C3 3 Nippon Encon. MFG.Co.Ltd. Japan On Hold- B2# Product 5 Helicopter Rescue Kit Santa Country Newark/Note 1 Bristol Uniform Ltd., Bristol UK Market Leader. Proposed for Fire Protective Clothing 2 Wormald Fire Engg. USA Deletion- C3 3 Houston Fire Safety Eulpt.Co. USA On Hold- B1# 5 Joseph Leslie & Co.Mumbai </td <td>14 E</td> <td>Besto Life Saving</td> <td>The Netherlands</td> <td>Proposed for Life Jacket</td>	14 E	Besto Life Saving	The Netherlands	Proposed for Life Jacket
17Vijay Sabre Safety Pvt. Ltd., (Only for Breathing Apparatus Set)India18Åerotecnica Coltri Spa (Only for Breathing Air Compressor)ItalyNew Product category as "Breathing Air Compressor" to be created and this vendor to be Included in that catg.Product4Eye Wash & Safety ShowerItalyRemark/Note5No.VendorCountryRemark/Note1Unicare Emergency Equipment, Mumbai.IndiaDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitMarket Leader. Proposed for Fire Protective Clothing1Bristol Uniform Ltd., BristolUKDeletion- C33Houston Fire Safety Eupt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndiaMarket Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	15	Viking Life-Saving Equipment Pte. Ltd	Singapore	
17Breathing Apparatus Set)India18Aeroteonica Coltri Spa (Only for Breathing Air Compressor)ItalyNew Product category as "Breathing Air Compressor" to be created and this vendor to be Included In that categoryProduct4Jeye Wash & Safety Showerremark/Note1Unicare Emergency Equipment, MumbaiIndia2Offshore Clothing & Suppliers LtdUKDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5JHelicopter Rescue Kit5. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUKDeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USADeletion- C35Joseph Leslie & Co.MumbaiIndia"Market Leader. Proposed for Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	16 \$	Solas Marine Services Co., LLC	UAE	Trader
18Aerotecnica Coltri Spa (Only for Breathing Air Compressor)Italy"Breathing Air Compressor" to be created and this vendor to be included in that catg.Product4Eye Wash & Safety ShowerS. No.VendorCountryRemark/Note1Unicare Emergency Equipment, Mumbai.India2Offshore Clothing & Suppliers LtdUKDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitKemark/Note1Bristol Uniform Ltd., BristolUKRemark/Note1Bristol Uniform Ltd., BristolUKDeletion- C32Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia'Market Leader. Proposed for Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader			India	
S. No. Vendor Country Remark/Note 1 Unicare Emergency Equipment, Mumbai. India			Italy	"Breathing Air Compressor" to be created and this vendor to be
1Unicare Emergency Equipment, Mumbai.India2Offshore Clothing & Suppliers LtdUKDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitRemark/Note3. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUK^Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	Product	4 Eye Wash & Safety Shower		
2Offshore Clothing & Suppliers LtdUKDeletion- C33Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitS. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUK^Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	S. No.	Vendor	Country	Remark/Note
3Nippon Encon. MFG.Co.Ltd.JapanOn Hold- B2#Product5Helicopter Rescue KitKemark/NoteS. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUK^Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	1 L	Unicare Emergency Equipment, Mumbai.	India	
ProductI Helicopter Rescue KitS. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUK^Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	2 (Offshore Clothing & Suppliers Ltd	UK	Deletion- C3
S. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUK^Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	3 1	Nippon Encon. MFG.Co.Ltd.	Japan	On Hold- B2#
S. No.VendorCountryRemark/Note1Bristol Uniform Ltd., BristolUK^Market Leader. Proposed for Fire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	Product	5 Helicopter Rescue Kit		
1Bistor Unitorim Etd., BristorUKFire Protective Clothing2Wormald Fire Engg.USADeletion- C33Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	S. No.		Country	Remark/Note
3Houston Fire Safety Euipt.Co.USADeletion- C34Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	1 E	Bristol Uniform Ltd., Bristol	UK	
4Doopley Fire Systems Inc.USAOn Hold- B1#5Joseph Leslie & Co.MumbaiIndia^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	2	Wormald Fire Engg.	USA	Deletion- C3
5Joseph Leslie & Co.MumbaiIndia ^Market Leader. Proposed for Helmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	3 H	Houston Fire Safety Euipt.Co.	USA	Deletion- C3
5Joseph Leslie & Co.MumbaiIndiaHelmet, Safety Lamps, Fire Protective Clothing, Gloves, Fireman Outfit6AMCOUSADeletion- C37Solas Marine Services Co., LLCUAETrader	4 [Doopley Fire Systems Inc.	USA	On Hold- B1#
7 Solas Marine Services Co., LLC UAE Trader	5 5	Joseph Leslie & Co.Mumbai	India	Helmet, Safety Lamps, Fire Protective Clothing, Gloves,
	6	AMCO	USA	Deletion- C3
	7 5			Trader
	Product			
S. No. Vendor Country Remark/Note	S. No.	Vendor	Country	Remark/Note



			•	
1	Wormal	d Fire Engg.	USA	Deletion- C3
2	Dooley I	Fire Systems Inc.	USA	On Hold- B1#
3	Nohmi F	Fire Safety Equipt.Co.	USA	On Hold- B1#
4	Houstor	a Fire Safety Equipt. Co.	USA	Deletion- C3
5	Drager /	Aktiengesell Schaft	Germany	
6	AMCO		USA	Deletion- C3
7	Nohmi E	Bosai Kogyo Ltd	Japan	Deletion- C1
Product	7	Survival Craft		
S. No.	Vendor		Country	Remark/Note
1	Schat H	arding Ltd	UK	
2	Master	Craft	USA	On Hold- B2#
3	Norsafe		Norway	On Hold- B3
4		Lifeboats International ented by Oceanwide Safety at	Netherlands	On Hold- B2#
Product	8	Clean Agent System- 1. HFC 22	27ea(FM200) Clean Agent Fire	Suppression
S. No.	Vendor		Country	Remark/Note
1	Nitin Fir	e Protection Ind.Ltd.	India	
Product	8	Clean Agent System- 1. (Novec only - 25/03/2011)		
		(Project specific comment to b	e removed and proposed to e	enlist for Regular supply)
S. No.	Vendor		Country	Remark/Note
1	Tyco Fir	e Suppression & Building s (Sapphire System)	US	
2	Kidde F	ire Protection	ик	



Instrume			
Product	1 Pressure Gauges		
S. No.	Vendor	Country	Remark/Note
1	Budenberg Gauge Co. Ltd.	UK	
2	Wika Alexander Wiegand SE & Co. KG, Germany / Wika Instruments India Pvt. Limited, India	Germany/India	#
3	Gauges Bourden	UK	
4	Aschcroft	USA	
5	Ametek	USA	On Hold- B2
6	Manometer	India	
7	General Instruments Consortium	India	
8	Baumer Technologies India Pvt Ltd	India	
9	ITT Barton	USA	
Product	2 Diff. Pressure Gauges & Indica		
S. No.	Vendor	Country	Remark/Note
1	Budenberg Gauge Co. Ltd	UK	
2	Wika Alexander Wiegand SE & Co. KG, Germany / Wika Instruments India Pvt. Limited, India	Germany/India	#
3	Burdon	France	
4	Gauges Bourdon	UK	
5	Cameron Technology UK Ltd	UK	
6	Meriam Process Technologies	USA	
7	Aschcroft	USA	
8	General instrument consortium	India	
9	Baumer Technologies India Pvt Ltd	India	
10	ITT Barton	USA	
Product	3 Telemetry Interface Cabinet		
S. No.	Vendor	Country	Remark/Note
1	Fabricon, Mumbai	India	
2	Yokogawa	Japan/India	
3	e-production solution	USA	On Hold- B1
4	Elec. Mech. Corporation, Mumbai	India	
Product	4 Well Fire Shutdown Panel & Te		
S. No. 1	Vendor e-production solution	Country USA	Remark/Note On Hold- B1
2	WT Petrotech	USA	
3	Controls and Electrics (Boustead) Pte Ltd	Singapore	



r	1		1	
4	Wormal	d	UK	On Hold- B3
5	S.A.Tec	hnologies Pte.Ltd	Singapore	
6	Wilmax	Controls System Pte.Ltd	Singapore	
7	Frames	Energy Systems	Netherlands	
8	Sulaima	n Petrotech ME FZE	UAE	
9	Haven A	Automation	Singapore	
10	Proserv	Middle East	UAE	
11	Petrona	sh FZE, Dubai	UAE	
Product	5	Distributed Control System (D		-
S. No.	Vendor		Country	Remark/Note
1	Foxbord	o (Invensys)	USA, India	
2	Baily Co	ontrols	USA	Deletion- C2. Baily Controls was taken over by ABB group. Name of ABB already exists for this product. To avoid repetition, the name of Baily Controls is proposed to be deleted
3	Toshiba		Japan	On Hold- B2
4	Honeyw	ell Automation India Ltd (HAIL)	India	
5	Yokoga	wa	Japan	
6	Emerso	n Process Management	USA/UK/Singapore/India	
7	Yokoga	wa India Ltd	India	
8	ABB		USA, India	
		Pneumatic Pr. Switch/HI-LO Pi	ilots (Indicating dial type)	
Product	6	Catg. name respelt as "Pneum	atic Pressure Switch / HI-LO	Pilots (Indicating dial type)"
S. No.	Vendor		Country	Remark/Note
1	e-Produ	ctions solution	USA	On Hold- B1
2	WT Pet	rotech	USA/BATAM	
3	Hallibur	ton Energy	USA	
4	Ruelco		USA	
		Pr. Switches (Explosion Proof)	
Product	7	Catg. name respelt as "Pressu	re Switches (Explosion Proo	f)"
S. No.	Vendor		Country	Remark/Note
1	SOR		USA	
2	ITT Neo	Dyn	USA	
3	Aschcro	ft	USA	
4	Yokoga	wa	Japan	
5	Delta Co	ontrols	ик	
6	e-Produ	ctions solution	USA	On Hold- B1



7	Dag Process	India	On Hold- B3
8	United Electric Control	USA	
Product	8 Pressure Relief Valves (PRV)		
S. No.	Vendor	Country	Remark/Note
1	Safety Instrument System Ltd	U.K	Deletion- C3
2	Sapag – Alshtom	France	On Hold- B1
3	Tyco Flow Control	UK/USA	On Hold- B1#
4	Fukui	Japan	
5	Farris Engineering- A division of Curtiss- Wright Flow Control Corporation, USA)	USA	
6	Tyco Sanmar ,Trichy	India	
7	Triangle (Tyco Flow Control)	ик	On Hold- B1
8	Ham-Let Advanced Control Technology	Israel	
9	Safety System	UK	On Hold- B1#
10	Bliss Anand Pvt. Ltd	India	
Product	9 Pressure Indicating Controllers		
S. No.	Vendor	Country	Remark/Note
1	Yokogawa	Japan	
2	Emerson Process Management (Fisher)	UK/USA	
3	Foxboro	USA	
4	ABB – Kent	ик	Deletion- C1
5	ABB Limited	India	Deletion- C1
6	Bristol Babcock	USA	
7	ITT Barton	USA	
Product	10 Large Case Field Recorders		
S. No.	Vendor	Country	Remark/Note
1	ABB Limited	India	Deletion- C1
2	Foxboro	USA	
3	Cameron Technology UK Ltd.	UK	
4	Yokogawa	Japan	
5	Bristol Babcock	USA	
6	ITT Barton	USA	On Hold- B1#
Product	11 Field Pneumatic Integrators	Country	Demont/Nets
S. No.	Vendor	Country	Remark/Note
1	ABB Limited	India	Deletion- C1
	Yokogawa	Japan	



Product	12 Gauge Glass & Cocks		
S. No.	Vendor	Country	Remark/Note
1	Nihon Klinger	Japan	On Hold- B2
2	Jerguson Gauge & Valve Company	USA	On Hold- B2
3	Penburty	USA	On Hold- B1
4	Technomatic	India	
5	Protolina, Mumbai	India	
6	Chemtrols Samil India Pvt Ltd	India	
7	Daniels	USA	On Hold- B1#
8	Bliss Anand	India	
9	Levcon	India	
10	Samil	South Korea	
Product	13 Level Instruments- Pneumatic	Level- controls & Level Swite	ches)
S. No.	Vendor	Country	Remark/Note
1	Emerson Process Management (Fischer Controls)	UK/USA/Singapore	Deletion- C1
2	Magnetrol (Only Level Switches)	Belgium	
3	Dresser Maseneilan (Only Level Controls)	USA	
4	S.O.R. (Only Level Switches)	USA	
5	e-Productions solution (Weatherford Production)	USA	On Hold- B1
6	Chemtrols (Only Level Switches)	India	On Hold- B3
7	Dresser Valve (India) Pvt.Ltd. (For Disposal level Transmitters)	India	
8	Dresser Maseneilan	France	
9	Eckardt	West Germany	On Hold- B3
10	Fisher	UK, Singapore	Deletion- C1
Product	14 Level Switches (Explosion Pro		-
S. No.	Vendor	Country	Remark/Note
1	S.O.R.	USA	
2	Tokyo Keiso	Japan	
3	Magnetrol	Belgium	
4	Chemtrol Samil India Pvt Ltd	India	
5	Dag Process	India	On Hold- B3



Product 15 Catg. name respekt as "Pressure Transmitters (PT) / P to I Converters" S. No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India India 2 ABB Limited India India 3 Yokogawa Japan/India India 4 Honeywell / Tata Honeywell USA/India India 5 ABB-Kent UK India 6 Instrumentation Ltd. Kota India Proposed for PT only Product 16 Solenoid Valves Solenoid Valves 5 N. Vendor Country Remark/Note 1 ASCO USA India 2 Maxseal (IMI Norgren Herion Ltd.) UK India 3 Skinner (Parker) USA India 4 Blakeborough (Weir Valve and Control) UK India 5 Herion (IMI Norgren Herion Ltd.) Germany India 6 Blfod Fluid Power Limited UK India 7 Turbine Flow Meters Sono Vendor India 1 Massumment & Control) USA India India 2 Flow Tech. USA India India		Pr. Transmitters / P to I Conve	rters	
1 Emerson Process Management USA/UK/Singapore/India 2 ABB Limited India 3 Yokogawa Japan/India 4 Honeywell / Tata Honeywell USA/India 5 ABB-Kent UK 6 Instrumentation Ltd. Kota India Product 16 Isolenoid Valves 5. No. Vendor Country 7 Maxseal (IMI Norgren Herion Ltd.) UK 3 Skinner (Parker) USA 4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) UK 6 Bifold Fluid Power Limited UK 7 Turbine Flow Meters Emerson Process Management (Daniel Mesaurement & Control) 8 Vendor Country Remark/Note 1 Measurement & Control) USA Image State Stat	Product		re Transmitters (PT) / P to I	Converters"
2 ABB Limited India 3 Yokogawa Japan/India 4 Honeywell / Tata Honeywell USA/India 5 ABB-Kent UK 6 Instrumentation Ltd. Kota India 7 Proposed for PT only 7 Proposed for PT only 7 Proposed for PT only 7 Gamma Kinote 1 ASCO USA 2 Maxseal (IMI Norgren Herion Ltd.) UK 3 Skinner (Parker) USA 4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK 7 Turbine Flow Meters Remark/Note 8 No. Vendor Country 7 Turbine Flow Meters Remark/Note 1 Emerson Process Management (Daniel USA 2 Flow Tech. USA 3 FMC Smith Meters Inc USA 4 Division) France 7 Turbine Flow Meters UK 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) 7 France	S. No.	Vendor	Country	Remark/Note
- A Japan/India 3 Yokogawa Japan/India 4 Honeywell / Tata Honeywell USA/India 5 ABB-Kent UK 6 Instrumentation Ltd. Kota India Proposed for PT only Proposed for PT only Product 16 Solenoid Valves S.No. Vendor Country Remark/Note 1 ASCO USA Image: Country Remark/Note 2 Maxseal (IMI Norgren Herion Ltd.) UK Image: Country Remark/Note 3 Skinner (Parker) USA Image: Country Remark/Note 4 Blakeborough (Weir Valve and Control) UK Image: Country Remark/Note 5 Herion (IMI Norgren Herion Ltd.) Germany Image: Country Remark/Note 6 Bitold Fluid Power Limited UK Image: Country Remark/Note 1 Emerson Process Management (Daniel Measurement & Control) USA Image: Country Remark/Note 2 Flow Tech. USA Image: Country Remark/Note Image: Country Remark/Note <	1	Emerson Process Management	USA/UK/Singapore/India	
4 Honeywell / Tata Honeywell USA/India 5 ABB-Kent UK 6 Instrumentation Ltd. Kota India Proposed for PT only Proposed for PT only Product 16 Solenoid Valves S.No. Vendor Country Remark/Note 1 ASCO USA 2 Maxseal (IMI Norgren Herion Ltd.) UK 3 Skinner (Parker) USA 4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK Product 17 Turbine Flow Meters 5 No. Vendor Country Remark/Note 1 Emerson Process Management (Daniel Measurement & Control) USA 2 Flow Tech. USA 3 FMC Smith Meters Inc USA 4 Cameron (Measurement Systems Division) U.K <td< td=""><td>2</td><td>ABB Limited</td><td>India</td><td></td></td<>	2	ABB Limited	India	
5 ABB-Kent UK 6 Instrumentation Ltd. Kota India Proposed for PT only Product 16 Solenoid Valves Remark/Note 1 ASCO USA Image: Country Remark/Note 1 ASCO USA Image: Country Remark/Note 2 Maxseal (IMI Norgren Herion Ltd.) UK Image: Country Remark/Note 3 Skinner (Parker) USA Image: Country Image: Country 4 Blakeborough (Weir Valve and Control) UK Image: Country Image: Country 5 Herion (IMI Norgren Herion Ltd.) Germany Image: Country Image: Country 6 Bifold Fluid Power Limited UK Image: Country Remark/Note 7 Turbine Flow Meters Country Remark/Note 8 Biod Fluid Power Limited UK Image: Country Remark/Note 1 Emerson Process Management (Daniel USA) USA Image: Country Image: Country 2 Flow Tech. USA Image: Country Remark/Note 3 FMC Smith Meters Inc USA Image: Country Remark/Note 4 Carreon (Measurement Systems Division) U.K Image: Country R	3	Yokogawa	Japan/India	
6 Instrumentation Ltd. Kota India Proposed for PT only Product 16 Solenoid Valves S. No. Vendor Country Remark/Note 1 ASCO USA	4	Honeywell / Tata Honeywell	USA/India	
Product 16 Solenoid Valves S. No. Vendor Country Remark/Note 1 ASCO USA	5	ABB-Kent	ик	
S. No. Vendor Country Remark/Note 1 ASCO USA USA 2 Maxseal (IMI Norgren Herion Ltd.) UK Image: Constraint of the state of	6	Instrumentation Ltd. Kota	India	Proposed for PT only
1 ASCO USA 2 Maxseal (IMI Norgren Herion Ltd.) UK 3 Skinner (Parker) USA 4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK Product 17 Turbine Flow Meters 5 No. Vendor Country 1 Emerson Process Management (Daniel Measurement & Control) USA 2 Flow Tech. USA 3 FMC Smith Meters Inc USA 4 Cameron (Measurement Systems Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S.No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India # 3 ABE-Kent UK 4 Honeywell Automation, India Ltd India # 3 ABB-Kent USA	Product	16 Solenoid Valves		
2 Maxseal (IMI Norgren Herion Ltd.) UK 3 Skinner (Parker) USA 4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK 7 Turbine Flow Meters Emerson Process Management (Daniel Measurement & Control) USA 1 Emerson Process Management (Daniel Measurement & Control) USA Image: Control Measurement & Control) 2 Flow Tech. USA Image: Control Measurement & Control) USA 3 FMC Smith Meters Inc USA Image: Control Measurement Systems U.K 4 Cameron (Measurement Systems Division) U.K Image: Control Measurement Systems U.K 5 Bopp & Reuther Germany Image: Control Measurement Systems U.K Image: Control Measurement Systems 6 Faure Herman (For Liquid only) France Image: Control Measurement	S. No.	Vendor	Country	Remark/Note
3 Skinner (Parker) USA 4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK Product 17 Turbine Flow Meters 5. No. Vendor Country 8 Emerson Process Management (Daniel Measurement & Control) USA 2 Flow Tech. USA 3 FMC Smith Meters Inc USA 4 Cameron (Measurement Systems Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S. No. Vendor Country Remark/Note 1 Ernerson Process Management USA/UK/Singapore/India # 2 Yokogawa Japan / India # 3 ABB-Kent UK Image: Second for the se	1	ASCO	USA	
4 Blakeborough (Weir Valve and Control) UK 5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK Product 17 [Turbine Flow Meters 5. No. Vendor Country Remark/Note 1 Emerson Process Management (Daniel USA Image: Country Remark/Note 2 Flow Tech. USA Image: Country Remark/Note 3 FMC Smith Meters Inc USA Image: Country I	2	Maxseal (IMI Norgren Herion Ltd.)	UK	
5 Herion (IMI Norgren Herion Ltd.) Germany 6 Bifold Fluid Power Limited UK Product 17 Turbine Flow Meters S. No. Vendor Country Remark/Note 1 Emerson Process Management (Daniel Measurement & Control) USA Image: Control Process Management (Daniel Measurement & Control) 2 Flow Tech. USA Image: Control Process Management Systems U.K 3 FMC Smith Meters Inc USA Image: Control Process Management Systems U.K 4 Cameron (Measurement Systems Division) U.K Image: Control Process Management Image: Control Process Management 5 Bopp & Reuther Germany Image: Control Process Management USA////////////////////////////////////	3	Skinner (Parker)	USA	
6 Bifold Fluid Power Limited UK Product 17 Turbine Flow Meters S. No. Vendor Country Remark/Note 1 Emerson Process Management (Daniel Measurement & Control) USA Image: Control Contro Contro Control Contro Control Control Control Control Contro Con	4	Blakeborough (Weir Valve and Control)	UK	
Product 17 Turbine Flow Meters S. No. Vendor Country Remark/Note 1 Emerson Process Management (Daniel Measurement & Control) USA USA 2 Flow Tech. USA Image: Control Contro Control Control Contro Control Control Contro Control Contro Con	5	Herion (IMI Norgren Herion Ltd.)	Germany	
S. No. Vendor Country Remark/Note 1 Emerson Process Management (Daniel Measurement & Control) USA USA 2 Flow Tech. USA Intervent & Control 3 FMC Smith Meters Inc USA Intervent & Control 4 Cameron (Measurement Systems Division) U.K Intervent & Control 5 Bopp & Reuther Germany Intervent & Control 6 Faure Herman (For Liquid only) France France Product 18 Temperature Transmitters 5 No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India # 2 Yokogawa Japan / India # 3 ABB-Kent UK InterveIndia 4 Honeywell Automation, India Ltd India India 5 Fuji Japan InterveInte	_		UK	
1 Emerson Process Management (Daniel Measurement & Control) USA 2 Flow Tech. USA 3 FMC Smith Meters Inc USA 4 Cameron (Measurement Systems Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S. No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India # 3 ABB-Kent UK Image: Country india # 4 Honeywell Automation, India Ltd India Image: Country india Ima				
1 Measurement & Control) USA 2 Flow Tech. USA 3 FMC Smith Meters Inc USA 4 Cameron (Measurement Systems Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S. No. Vendor Country 1 Emerson Process Management USA/UK/Singapore/India 2 Yokogawa Japan / India 3 ABB-Kent UK 4 Honeywell Automation, India Ltd India 5 Fuji Japan Product 19 Temperature Gauges S. No. Vendor Country 4 Aschcroft USA	S. No.		Country	Remark/Note
3 FMC Smith Meters Inc USA 4 Cameron (Measurement Systems Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters 5. No. Vendor Country 1 Emerson Process Management USA/UK/Singapore/India 2 Yokogawa Japan / India 3 ABB-Kent UK 4 Honeywell Automation, India Ltd India 5 Fuji Japan	1		USA	
4 Cameron (Measurement Systems Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S. No. Vendor Country 1 Emerson Process Management USA/UK/Singapore/India 2 Yokogawa Japan / India 3 ABB-Kent UK 4 Honeywell Automation, India Ltd India 5 Fuji Japan	2	Flow Tech.	USA	
4 Division) U.K 5 Bopp & Reuther Germany 6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S. No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India # 2 Yokogawa Japan / India # 3 ABB-Kent UK India India 4 Honeywell Automation, India Ltd India India India 5 Fuji Japan Zenark/Note India India 5 Fuji UK India Indi	3	FMC Smith Meters Inc	USA	
6 Faure Herman (For Liquid only) France Product 18 Temperature Transmitters S. No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India # 2 Yokogawa Japan / India # 3 ABB-Kent UK India 4 Honeywell Automation, India Ltd India India 5 Fuji Japan Product 19 Temperature Gauges S. No. Vendor Country Remark/Note 1 Aschcroft USA India India	4		U.К	
Product 18 Temperature Transmitters S. No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India Image: Country	5	Bopp & Reuther	Germany	
S. No. Vendor Country Remark/Note 1 Emerson Process Management USA/UK/Singapore/India # 2 Yokogawa Japan / India # 3 ABB-Kent UK India # 4 Honeywell Automation, India Ltd India India India 5 Fuji Japan India India 8 No. Vendor Country Remark/Note 1 Aschcroft USA USA/UK/Singapore/India India	6	Faure Herman (For Liquid only)	France	
1 Emerson Process Management USA/UK/Singapore/India 2 Yokogawa Japan / India 3 ABB-Kent UK 4 Honeywell Automation, India Ltd India 5 Fuji Japan Product 19 Temperature Gauges S. No. Vendor Country 1 Aschcroft USA				
2 Yokogawa Japan / India # 3 ABB-Kent UK India 4 Honeywell Automation, India Ltd India India 5 Fuji Japan Japan Product 19 Temperature Gauges S. No. Vendor Country Remark/Note 1 Aschcroft USA India	S. No.			Remark/Note
3 ABB-Kent UK 4 Honeywell Automation, India Ltd India 5 Fuji Japan Product 19 Temperature Gauges S. No. Vendor Country Remark/Note 1 Aschcroft USA		-		
4 Honeywell Automation, India Ltd India 5 Fuji Japan Product 19 Temperature Gauges S. No. Vendor Country Remark/Note 1 Aschcroft USA Image: Colspan="2">Country	2	-		#
5 Fuji Japan Product 19 Temperature Gauges S. No. Vendor Country 1 Aschcroft USA	3			
Product 19 Temperature Gauges S. No. Vendor Country Remark/Note 1 Aschcroft USA Image: Country in the second sec	4		India	
S. No. Vendor Country Remark/Note 1 Aschcroft USA			Japan	
1 Aschcroft USA			Country	Dement/Net-
				remark/NOTE
	2	Gauges Bourdon	UK	



3	Nagano Keiki	Japan	
4	A.N. Instruments	India	On Hold- B3
5	General Instruments Consortium, Mumbai	India	
6	Wika Alexander Wiegand SE & Co. KG, Germany / Wika Instruments India Pvt. Limited, India	Germany/India	#
7	Baumer Technologies India Pvt Ltd	India	
8	Goa Instruments Industries Pvt Ltd	India	#
Product	20 ESD & FSD Valves		
S. No.	Vendor	Country	Remark/Note
1	e-Productions solution (Weatherford Production)	USA	On Hold- B1
2	Sigma	USA	
3	Versa	Netherlands	
Product	21 Temperature Switches	-	
S. No.	Vendor	Country	Remark/Note
1	Delta Controls	UK	
2	NAGANO-KEIKI	Japan	
3	SOR	USA	
4	ITT, Snider	Germany	
5	Aschcroft	USA	
6	ASCO	USA	
7	United Electric Control	USA	
Product	22 Fusible Plugs		
S. No.	Vendor	Country	Remark/Note
1	e-Productions solution	USA	On Hold- B1
2	Sigma	USA	
3	Ruelco	USA	
Product	23 Flame Arrestors (Proposed to	be shifted to 'Piping')	·
S. No.	Vendor	Country	Remark/Note
1	Petrol Service	France	
2	Groth Equipment Corporation	USA	
3	GPE Controls	USA]
4	Braunsch Weigr Flammenfilter,GmBH, WG	Germany]
5	Whersoc, S.A.	France	Proposed to be shifted to 'Piping'



6	Shand & Jurs	USA	
7	Marvac	UK	
8	Safety System	UK	
9	Protego Equipments Pvt.Ltd	India	
Product	24 Orifice Plates & Flanges and R	estriction Orifices	
S. No.	Vendor	Country	Remark/Note
1	Emerson Process Management (Daniel Measurement & Control)	USA	
2	ABB Limited	India	
3	Micro Precision, Faridabad	India	
4	General Instruments Consortium	India	
5	Petrol Valves	Italy	
6	Rank Controls Instruments Pvt. Ltd	India	
7	Flow Metering Company Ltd	ИК	
Product	25 Senior, Junior, Simplex Orifice		
S. No.	Vendor	Country	Remark/Note
1	Emerson Process Management (Daniel Measurement & Control))	USA	
2	Flow Metering Company Ltd	UK	
Product	26 Filter Regulators		Dense sub (blacks
S. No.	Vendor	Country	Remark/Note
1	Shavo Norgen, Madras	India	
2	Emerson Process Management	UK/India/Singapore	
3	Dresser Masoneilon	USA	
4	ABB Limited	India	
5	Versatile Controls Ltd	UK	On Hold- B2
6	Dresser Valve India Pvt. Ltd	India	
7	Bifold Fluid Power Limited	UK	
Product	27 Flow Switches (Pneumatic & E		
S. No.	Vendor	Country	Remark/Note
1	Magnetrol	Belgium	
2	Tokyo Keiso	Japan	
3	Yokogawa India Ltd	India	
4	Cameron Technology Uk Ltd	UK	
5		USA	On Hold- B2
Product	28 Control Valves	Country	Demerk/Nete
S. No.	Vendor	Country	Remark/Note



Fisher Controls	USA/India	
Dresser Masoneilon	USA	
Motoyama Engineering Works	Japan	On Hold- B2
ABB – Kent	UK	
WEIR Valves & Controls Ltd.	UK	Deletion- C2. WEIR Valves &Controls Ltd. (Blakeborough) - UK is already enlisted hence repeated
Blakeborugh (Weir Valve and Control)	ик	
ССІ	USA	
KOSO India Private Limited	India	
Dresser Valve India Pvt. Ltd	India	
MIL Controls Ltd.	India	
Richards Industries	USA	
KOSO Controls	Singapore	
KOSO Fluid Control Pvt. Ltd.	India	
Tejas Research & Engineering LP	Texas, USA.	On Hold- B1
Severn Glocon India Private Ltd	India	
Emerson Process Management Chennai Ltd	INDIA	
Flowserve Corporation, Flow Control Division	USA	
29 Self Actuated Pressure Contro	l Valves	
Vendor	Country	Remark/Note
Emerson Process Management, Chennai	India	
Dresser Masoneilon	USA	
ESME (Electrical Steam & Mining Equiptment Ltd.)	UK	
WEIR Valves & Controls Ltd. (Hopkinsons Ltd)	UK	
Dresser Valve India Pvt. Ltd	India	
Jordan Valve	USA	
30 Fire and Gas Detection System		
Vendor		Remark/Note
General Monitors	UK	
	Dresser Masoneilon Motoyama Engineering Works ABB – Kent WEIR Valves &Controls Ltd. Blakeborugh (Weir Valve and Control) CCI KOSO India Private Limited Dresser Valve India Pvt. Ltd MIL Controls Ltd. Richards Industries KOSO Controls KOSO Fluid Control Pvt. Ltd. Tejas Research & Engineering LP Severn Glocon India Private Ltd Emerson Process Management Chennai Ltd Flowserve Corporation, Flow Control Division 29 Self Actuated Pressure Control Division Presser Masoneilon ESME (Electrical Steam & Mining Equiptment Ltd.) WEIR Valves & Controls Ltd. (Hopkinsons Ltd) Mining Presser Valve India Pvt. Ltd	Dresser Masoneilon USA Motoyama Engineering Works Japan ABB - Kent UK WEIR Valves & Controls Ltd. UK Blakeborugh (Weir Valve and Control) UK CCI USA KOSO India Private Limited India Dresser Valve India Pvt. Ltd India MIL Controls Ltd. India KOSO Thomas Stresser USA KOSO Thomas Stresser USA KOSO Fluid Control Pvt. Ltd India Richards Industries USA KOSO Fluid Control Pvt. Ltd. India Tejas Research & Engineering LP Texas, USA. Severn Flocon India Private Ltd India Emerson Process Management Chennai INDIA Id INDIA Flowserve Corporation, Flow Control USA Vendor Country Emerson Process Management, Chennai India Dresser Masoneilon USA ESME (Electrical Steam & Mining UK Quiptment Ltd.) UK WEIR Valves & Controls Ltd. UK WEIR Valves & Controls Ltd. UK <tr< td=""></tr<>



		1	1
2	Det-tronics	USA	
3	Haven Automation	Singapore	
4	Nohmi Bosai	Japan	
5	Safety Systems	USA	
6	ICS Triplex (Rockwell Automation)	UK	
7	Yokogawa Industrial Safety Systems	Malaysia	
8	Honeywell Automation India Ltd (HAIL)	India	
9	Control & Electric Pte. Ltd (Bousted Group)	Singapore	
10	Honeywell Analytic	India/UK	
11	Autronica Fire & Security (Addressable type for Living Quarter and Technical Buildings)	Norway	
12	Scame Sistemi, srl (Addressable Type)	Italy	
13	Detector Electronics Corporation (Det-Tronics) Inc. (For Addressable type for LQ-Building Modules and Closed Spaces / Enclosures)	USA	
Product	31 Deluge Valve with Test facility		
Product S. No.	31 Deluge Valve with Test facility Vendor	Country	Remark/Note
		Country USA	Remark/Note
S. No.	Vendor		Remark/Note
S. No. 1	Vendor Cla-Val	USA	Remark/Note On Hold- B1
S. No. 1 2	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter	USA Israel	On Hold- B1
S. No. 1 2 3	Vendor Cla-Val MIL Inbal Valve Ltd Wormald	USA Israel	
S. No. 1 2 3 Product S. No. 1	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management	USA Israel Hongkong/Singapore	On Hold- B1
S. No. 1 2 3 Product S. No. 1 Product	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter	USA Israel Hongkong/Singapore Country USA/UK	On Hold- B1 Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No.	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor	USA Israel Hongkong/Singapore Country USA/UK Country	On Hold- B1
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 Product S. No. 1	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment	USA Israel Hongkong/Singapore Country USA/UK Country India	On Hold- B1 Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 2	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd	USA Israel Hongkong/Singapore Country USA/UK Country	On Hold- B1 Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 Product J Product Product Product Product	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd 34 Annubars / Pitot Tubes	USA Israel Hongkong/Singapore Country USA/UK Country India Japan	On Hold- B1 Remark/Note Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 2	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd	USA Israel Hongkong/Singapore Country USA/UK Country India	On Hold- B1 Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 Product S. No. 1 2 Product S. No. 1 2 Product S. No.	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd 34 Annubars / Pitot Tubes	USA Israel Hongkong/Singapore Country USA/UK Country India Japan Country	On Hold- B1 Remark/Note Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 2 Product S. No. 1 2 Product 1 2 1 2 Product S. No. 1	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd 34 Annubars / Pitot Tubes Vendor Emerson Process Intra Automation GMBH 35 Instrumentation Fittings	USA Israel Hongkong/Singapore Country USA/UK Country India Japan Country USA Germany	On Hold- B1 Remark/Note Remark/Note Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 2 Product S. No. 1 2 Product 3. No. 1 2 Product S. No. 1 2	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd 34 Annubars / Pitot Tubes Vendor Emerson Process Intra Automation GMBH	USA Israel Hongkong/Singapore Country USA/UK Country India Japan Country USA	On Hold- B1 Remark/Note Remark/Note
S. No. 1 2 3 Product S. No. 1 Product S. No. 1 2 Product	Vendor Cla-Val MIL Inbal Valve Ltd Wormald 32 Water Cut Meter Vendor Emerson Process Management 33 Rotameter Vendor AL Flow Glass Equipment Tokyo Keiso Co. Ltd 34 Annubars / Pitot Tubes Vendor Emerson Process Intra Automation GMBH 35 Instrumentation Fittings	USA Israel Hongkong/Singapore Country USA/UK Country India Japan Country USA Germany	On Hold- B1 Remark/Note Remark/Note Remark/Note



2	Circor (HOKE) Instrumentation Ltd	USA	
3	Parker	USA/Singapore	
4	ASTEC, Mumbai	India	
5	DK Tech (Compliance to ASTM-F-1387 to be submitted)	South Korea	On Hold- B2
6	Ham-Let Advanced Control Technology (Compliance to ASTM-F-1387 to be submitted)	Israel	On Hold- B2
7	Precision Engineering Industries, Mumbai (Compliance to ASTM-F-1387 to be submitted)	India	On Hold- B2
8	Fluid Control Pvt. Ltd., Mumbai (Compliance to ASTM-F-1387 to be submitted)	India	On Hold- B2
9	Hy-Lok Corporation (Compliance to ASTM-F-1387 to be submitted)	Korea	On Hold- B2
10	Panam Engineers Ltd., Mumbai	Mumbai	
Product	36 Flow computer (Liquid/Gas)		
S. No.	Vendor	Country	Remark/Note
1	Emerson Process Management (Daniel Measurement & Control)	USA	
2	Emerson Process Management, Bristol	USA	
3	Cameron Measurement Systems (For Gas)	ик	
Product	37 Flow totalizer	•	
S. No.	Vendor	Country	Remark/Note
1	Cameron Technology UK Ltd.	ик	
-	Emerson Process Management (Daniel	1	
2	Measurement & Control)	USA	
2 3		USA Japan	
3	Measurement & Control) Yokogawa Contrec		On Hold- B2
3 4 Product	Measurement & Control) Yokogawa Contrec 38 Ultrasonic flow Meter	Japan Australia	
3	Measurement & Control) Yokogawa Contrec	Japan	On Hold- B2 Remark/Note
3 4 Product	Measurement & Control) Yokogawa Contrec 38 Ultrasonic flow Meter	Japan Australia	
3 4 Product S. No.	Measurement & Control) Yokogawa Contrec 38 Ultrasonic flow Meter Vendor Emerson Process Management (Daniel	Japan Australia Country	
3 4 Product S. No. 1	Measurement & Control) Yokogawa Contrec 38 Ultrasonic flow Meter Vendor Emerson Process Management (Daniel Measurement & Control) GE Sensing EMEA, Ireland / GE India	Japan Australia Country USA/Singapore	

S. No.	Vendor	Country	Remark/Note
1	Rohrback Cosasco system	USA	
Product S. No.	40 Portable Calibrator/Hand Held Vendor	Multifunctional Calibrator	Remark/Note
			Remark/Note
1	Fluke	USA	
2	Druck/GE Druck Ltd	UK	
3	Beamax	Finland	
Product	41 Chlorine Analyzer		Denne and Alle (a
S. No.	Vendor	Country	Remark/Note
1	Emerson Process Management	USA	
Product	42 Dissolved Oxygen Analyzer	1	
S. No.	Vendor	Country	Remark/Note
1	Hach Company	USA	
Product	43 Programmable Logic Controlle		-
S. No.	Vendor	Country	Remark/Note
1	Yokogawa Industrial Safety Systems, (Prosafe) (only TUV approved applications) (Yokogawa)	Malaysia/Japan/ Netherlands	
2	ABB	USA/India	
3	Allen Bradley(Rockwell Automation)	ик	
4	Seimens	Germany	
5	ICS Triplex (Rockwell Automation)		
6	Honeywell Automation India Ltd (HAIL)	India	
7	Hima Paul Hidebrandt GmBH	Germany	
8	Bristol Babcock (Emerson Process Management)	Australia	
9	Rockwell, (Only non TUV approved applications)	India	
10	Triconix (only TUV approved applications) (INVENSYS)	USA	
11	Schneider Electric Industries Sdn Bhd	Malaysia	On Hold- B3
12	GE Intelligent Platform inc (only TUV approved application)	USA/India	
13	Yokogawa India Ltd	India	
14	Emerson Process Management (For Safety PLC)	USA	
Product	44 Multiphase Flow Meter (MPFM		



S. No.	Vendor	Country	Remark/Note
		-	
1	Schlumberger	USA	
2	mPm, Norway	Norway	
3	Agar Corporation	USA	On Hold- B1
4	Emerson Process Management (Roxar) (Model 2600)	Norway	
Product	45 Coriolis Meter Vendor	Country	Remark/Note
S. No.		Country India/USA	Remarkinole
1	Emerson process management		
2	Heinrichs Gmbh	Germany	
Product	46 Salino Meter		
S. No.	Vendor	Country	Remark/Note
1	Yokagawa	Netherland	
Product S. No.	47 High pressure Control Valves	(HPCV) Country	Remark/Note
<u> </u>	Dresser Mansoneilan	USA	Remainmote
2	Mokveld	Holland	
3	Fisher Controls	USA	
4	Control Component Inc.	USA	
5	Kent Process Control Ltd	UK	On Hold- B1
6	WEIR Valves & Controls Ltd	UK	
7	Dresser Valve India Pvt. Ltd	India	
Product	48 Level Transmitters	·	
S. No.	Vendor	Country	Remark/Note
1	Dresser Valve India Pvt. Ltd.	India	
2	Chemtrols Industries Ltd (Displacer Type)	India	
3	Endress+Hauser Germany/India Pvt Ltd (Guided Wave Radar Type)	Germany/India	
4	Magnetrol International Inc (Guided Wave Radar Type)	USA	
5	Magnetrol International NV (Displacer type)	Belgium	
Product	49 Isolators & Barriers (Active & I		Demark/Nete
S. No. 1	Vendor MTL	Country India	Remark/Note
2	P&F	Germany	
Product	50 Limit Switches	/	
S. No.	Vendor	Country	Remark/Note



1		n Process Management Valve tion Inc (BETTIS)	USA	
2	Honeyw	vell Automation India Ltd (HAIL)	India	
Product	51	Tubing Valves		
S. No.	Vendor		Country	Remark/Note
1	Anderso Control)	on Greenwood (Tyco Flow		On Hold- B1
Product	52	HC/H2/H2S Gas Detectors		1
S. No.	Vendor		Country	Remark/Note
1	Crowco	n Detection Instruments	UK	
2	Det-tron	nics	USA	
3	Drager	Safety AG	UK	
4	General	Monitors	ик	On Hold- B1#
5	Honeyw	ell Analytics	UK	
6	Detcon	Inc. (Addressable & Normal)	USA	
7		r Electronics Corporation onics) Inc. (For Addressable type)	USA	
Product	53	Fire Detectors		
S. No.	Vendor		Country	Remark/Note
1	Crowco	n Detection Instruments	ик	On Hold- B3
2	Det-tror	lics	USA	
3	Safety S	Systems	ик	Deletion- C1
4	Genera	Monitors	ик	On Hold- B1#
5	Honeyw	ell Analytics	UK	
6		n Process Management Net ⁄Ionitoring Inc (For IR/Triple R)	Canada	
7		r Electronics Corporation onics) Inc. (For Addressable type)	USA	
Product	54	Smoke / Thermal Detectors		
S. No.	Vendor		Country	Remark/Note
1	Apollo		USA	
2	Honeyw	vell Analytics	ик	
3	type for Building		Norway	
Product	55 Vender	Manual Call Point, Abandon Sv		Domork/Noto
S. No.	Vendor		Country	Remark/Note
1	MEDC		UK	



2	Safety Systems	UK	Deletion- C1
Product	56 Hand Control Valves		
S. No.	Vendor	Country	Remark/Note
1	Mansoneilan	France	
2	Mokveld	USA	
3	Fisher Controls	USA	
4	Kent Process Control Ltd	ик	On Hold- B1
5	KOSO India Private Limited	India	
6	Control Component Inc.	USA	
7	Hopkinsons Blackborough	Dubai	
Product	57 Moisture Analyzer System Inte	grator	
S. No.	Vendor	Country	Remark/Note
1	Chemtrol Engineering Pvt. Ltd., Mumbai (With Amtek make Mositure Analyser)	India	
Product	58 Magnetic Flow Meter		
S. No.	Vendor	Country	Remark/Note
1	Emerson Process Management, Rosemount Inc.	USA	
Product	59 Actuators for Valves (Topside)		
S. No.	Vendor	Country	Remark/Note
1	AUMA RIESTER GMBH & CO.	Germany	
2	BIFFI ITALIA S.R.L	ITALY	
3	EIM CONTROLS LTD	UK	
4	FLO - TORK INC	USA	
5	FLOWSERVE LIMITORQUE	India	
6	Emerson Process Management Valve Automation Inc (EPM Valve Automation) (A) Shafer Make (B) Bettis Make	USA	
7	Rotork Controls (India) Ltd.	India	
8	Ledeen, Ledeen Operation Italia S.R.L	Italy	
9	ATC	The Netherlands	
Product	60 Actuators for Valves (Subsea)		
S. No.	Vendor	Country	Remark/Note
1	ATC	The Netherlands	
-			



2	Emerson Process Management Valve Automation Inc (EPM Valve Automation (A) Shafer Make (B) Bettis Make) USA	
3	Cameron Ledeen Facility	Italy	
Product	61 HIPPS (High Integrity Pressu		
S. No.	Vendor	oing' (Vendors are confirmed) Country	Remark/Note
	Hima Sella Ltd., with components from following vendors:		
	1. M/s HIMA – Logic solver		
1	2. M/s ATC – Actuator		Proposed to be shifted to 'Piping' (Vendors are
	 M/s TYCO FCT – SDV subject to submission of corrosion test results before supply of valves 		confirmed)
	4. M/s ABB – Pressure Pilots	-	
	5. M/s Bifold - SOVs		
Product	62 Instrumentation Tubing	•	
S. No.	Vendor	Country	Remark/Note
1	AB Sandvik Material Technology	Sweden	#
2	Tubacex Tubos Inoxidables, S.A.	Spain	
Product	63 Weather Monitoring System (WMS)	
S. No.	Vendor	Country	Remark/Note
1	MIROS AS	Norway	
Product	64 Subsea Umbilical	•	•
S. No.	Vendor	Country	Remark/Note
1	JDR Cable Systems Ltd	UK	
2	Cortland Fibron BX Ltd (Thermoplastic)	UK	
Product	65 Wet Gas Meter		
S. No.	Vendor	Country	Remark/Note
1	Emerson process management (Roxar Flow measurement AS)	Norway	
Product	66 Cables (Instrument)	•	•
S. No.	Vendor	Country	Remark/Note
1	Procon	India	On Hold- B2
2	Brooks	India	
3	Draka	Spain	
4	BICC	UK	On Hold- B2



1

5	Associa	ted Flexible and Wires	India	
6	Associa	ted Cables	India	
7	KEI Indu	ustries Ltd	India	
8	Jinro Industries		Korea	On Hold- B2
9	Nexans (Kukdong)		Korea	
10	Polycabs Wires Pvt. Ltd		India	
Product	67	Cone Meter		
S. No.	Vendor		Country	Remark/Note
1	McCrometer Inc		USA	
2	Cameron Ltd		UK	

Instrumentation Note:

1	For all instrumentation items that are to be located in the field (hazardous area), certification by FM / UL / BASEEFA / CSA / DGMS / CMRS or equal is essential, stating that the said Instrumentation item is suitable for use in the hazardous area. (This applies to all the items in the Suggested Vendor List)
2	For all instruments, weather proofness of NEMA 4X / IP 65, as a minimum, is essential. (This applies to all the items in the Suggested Vendor List)
3	For all electrical instruments, explosion proofness of NEMA 7, as a minimum, is essential (This applies to: Flow Totalizer, Electronic Flow Transmitter, MPFM, Pressure Switch (Electrical) and Pressure Transmitter (Elect.)



Electrical			
Product	1 Transformers (Cast Resin Type		-
S. No.	Vendor	Country	Remark/Note
1	Westing House	USA	On Hold, Deletion- C1
2	General Electric	USA	
3	Fuji Electric Co Ltd	Japan	
4	Traftech	Finland	On Hold- B2
5	Toshiba	Japan	On Hold- B2
6	Meidensha	Japan	On Hold- B2#
7	Kirloskar Electric Co Ltd	India	
8	ABB	India	
9	Schneider Electric Industries SA	France	
10	Trasfor, SA	Switzerland	
11	Unelectra (Only for Lighting Transformers)	Taiwan	On Hold- B2
12	GE China (GE Guangdian Co Ltd)	China	
Product	2 UPS System	Country	Domorik/Noto
S. No.	Vendor	Country	Remark/Note
1	AEG Power solutions Pte	Singapore	On Hold- B2#
2	Standby Power	USA	On Hold- B2
3	Chloride Industrial System	UK/France	
4	Fuji Electric Co Ltd	Japan	
5	GUTOR	Switzerland	On Hold- B2#
6	Emerson Network Power India Pvt Ltd	India	
7	Hitachi Hi-Rel Power Electronics Pvt Ltd	India	#
8	BORRI SPA	Italy	
9	Ametek Solidstate Controls	USA	
Product	3 LT Switch Gear		
S. No.	Vendor _	Country	Remark/Note
1	Eaton	USA	
2	Hitachi	Japan	On Hold- B2
3	Toshiba	Japan	On Hold- B2
3 4		Japan Japan	On Hold- B2



6 IME Quadrin Italy 7 Torasaki Electric Co Ltd Japan India 8 L&T, Mumbai India India 9 ABB Korea / India India 10 Schneider Electric Industries SA France India 11 COMECA EBT France India 12 Siemens India USA 13 GE Industrial India / USA India 14 Defor Country Remark/Note 15 No. Vedor Country Remark/Note 2 Hitachi Japan On Hold-B2 3 ABB India/Norway India 4 Siemens Germany/Indonesia/India India/Norway 4 Siemens Germany/Indonesia/India India/Norway 5 Fuji Electric Co Ltd Japan On Hold-B2 6 Schneider Electric Infrastructure Ltd India / USA India/Norway 7 Schneider Electric Industries SA France India / USA 9 Tarnco Switchgear (Malaysia) Sdn Btd Malaysia # 9 Tarnco Switchgear (Malaysia) Sdn Btd Malaysia Japan 1 Slandby Power				
8 L&T. Mumbai India India 9 ABB Korea / India India 10 Schneider Electric Industries SA France India 11 COMECA EBT France India 12 Siemens India India 13 GE Industrial India India 14 HT Switch Gear Somera India 5.No. Vendor Country Remark/Note 1 Eaton USA India/Norway 2 Hitachi Japan On Hold- B2 3 ABB India/Norway India/India 4 Siemens Germany/Indonesia/India India/India 5 Fuji Electric Co Ltd Japan India/India 6 Schneider Electric Infrastructure Ltd India India/India 7 Schneider Electric Infrastructure Ltd India/USA India/India 9 Tamco Switchgear (Malaysia) Sdn Bh Malaysia # Product 5 Battery & Battery Charger Standby Power 1 Standby Power USA On Hold- B2 1 Standby Power USA On Hold- B2 2 Choride Industrial System Franc	6	IME Quadri	Italy	
9 ABB Korea / India Image: SA 10 Schneider Electric Industries SA France Image: SA 11 COMECA EBT France Image: SA 12 Siemens India Image: SA 13 GE Industrial India / USA Product 4 HTSwitch Gear 5. No. Vendor Country Remark/Note 1 Eaton USA Image: SA 2 Hitachi Japan On Hold- B2 3 ABB India/Nonway Image: SA 4 Siemens Germany/Indonesia/India Image: SA 5 Fuji Electric Co Ltd Japan Image: SA 6 Schneider Electric Infrastructure Ltd India Image: SA 7 Schneider Electric Industries SA France Image: SA 8 GE Industrial India / USA Image: SA 9 Tamco Switchgear (Malaysia) Sdn Bh Malaysia # 9 Tamcby Power Goutor	7	Terasaki Electric Co Ltd	Japan	
10Schneider Electric Industries SAFrance11COMECA EBTFrance12SiemensIndia13GE IndustrialIndia / USAProduct4IHT Switch Gear5.No.VendorCountry4BEIndia/Norway1EatonUSA2HitachiJapanOn Hold- B23ABBIndia/Norway4SiemensGermany/Indonesia/India5Fuji Electric Co LtdJapan6Schneider Electric Industries SAFrance7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia9Tamco Switchgear (Malaysia) Sdn BhdMalaysia11Standby PowerUSAOn Hold- B22Choride Industrial SystemFrance1Standby PowerUSAOn Hold- B22Choride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B23YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaImaia7Chabit Electricals Pvt Ltd (For BatteryIndiaImaia8AEG Power solutions PteSingaporeImaia9BORRI SPAItalyImaia	8	L&T, Mumbai	India	
11COMECA EBTFranceIndia12SiemensIndiaIndia13GE IndustrialIndia / USAProduct4IHT Switch Gear5.No.VendorCountryRemark/Note1EatonUSAIndia/Norway2HitachiJapanOn Hold- B23ABBIndia/NorwayIndia4SiemensGermany/Indonesia/IndiaIndia/Norway5Fuji Electric Co LtdJapanIndia6Schneider Electric Infrastructure LtdIndiaIndia7Schneider Electric Industries SAFranceIndia9Tamco Switchgear (Malaysia) Sdn BhdMalaysia#9Tamco Switchgear (Malaysia) Sdn BhdMalaysia#1Standby PowerUSAOn Hold- B21Standby PowerUSAOn Hold- B22Chloride Industrial SystemFranceIndia3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyItalyIndia10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	9	АВВ	Korea / India	
12 Siemens India 13 GE Industrial India / USA Product 4 HT Switch Gear 5.No. Vendor Country Remark/Note 1 Eaton USA India/Norway 2 Hitachi Japan On Hold- B2 3 ABB India/Norway India 4 Siemens Germany/Indonesia/India India 5 Fuji Electric Co Ltd Japan India 6 Schneider Electric Indrastructure Ltd India India 7 Schneider Electric Indrustries SA France India 8 GE Industrial India / USA India 9 Tamco Switchgear (Malaysia) Sdn Bhd Malaysia # Product 5 Battery & Battery Charger Simmerk/Note 1 Standby Power USA On Hold- B2 2 Chloride Industrial System France India 3 Yuasa Japan On Hold- B2 4 Gutor Switzerland On Hold- B2 5 Emerson USA On Hold- B2 6 HBL Power Systems Ltd India India 7 Ch	10	Schneider Electric Industries SA	France	
IndiaIndia / USAIndiaIdia / USAProduct4 HT Switch GearS.No.VendorCountryIEatonUSA2HitachiJapanOn Hold- B23ABBIndia/NorwayIndia/Norway4SiemensGermany/Indonesia/IndiaIndia/Onesia/India5Fuji Electric Co LtdJapanIndia/Onesia/India6Schneider Electric Infrastructure LtdIndiaIndia/Onesia/India7Schneider Electric Industries SAFranceIndia8GE IndustrialIndia / USAIndia9Tamco Switchgear (Malaysia) Sdn BldMalaysia#Product5 Battery & Battery ChargerS5. No.VendorCountryRemark/Note1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFranceIndia3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricias Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyIndiaIndia10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	11	COMECA EBT	France	
Product 4 HT Switch Gear S. No. Vendor Country Remark/Note 1 Eaton USA India 2 Hitachi Japan On Hold- B2 3 ABB India/Norway India/Norway 4 Siemens Germany/Indonesia/India India 5 Fuji Electric Co Ltd Japan India 6 Schneider Electric Infrastructure Ltd India India 7 Schneider Electric Industries SA France India 8 GE Industrial India / USA India 9 Tamco Switchgear (Malaysia) Sdn Bhd Malaysia # Product Standby Power USA On Hold- B2 1 Standby Power USA On Hold- B2 2 Chloride Industrial System France India 3 Yuasa Japan On Hold- B2 4 Gutor Switzerland On Hold- B2 5 Emeson USA On Hold- B2 6 HBL Power Systems Ltd India India 7 Chhabi Electricals Pvt Ltd (For Battery Chargers) India India 8 AEG Power solutions Pte Singapore Indi	12	Siemens	India	
S. No.VendorCountryRemark/Note1EatonUSAOn Hold- B22HitachiJapanOn Hold- B23ABBIndia/Norway4SiemensGermany/Indonesia/India5Fuji Electric Co LtdJapan6Schneider Electric Infrastructure LtdIndia7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia#Product5Jattery & Battery Charger5. No.VendorCountryRemark/Note1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	13	GE Industrial	India / USA	
1 Eaton USA 2 Hitachi Japan On Hold- B2 3 ABB India/Norway India/Norway 4 Siemens Germany/Indonesia/India India/Norway 5 Fuji Electric Co Ltd Japan India 6 Schneider Electric Infrastructure Ltd India India 7 Schneider Electric Industries SA France India / USA 8 GE Industrial India / USA India / USA 9 Tamco Switchgear (Malaysia) Sdn Bhd Malaysia # Product 5 Battery & Battery Charger S 5. No. Vendor Country Remark/Note 1 Standby Power USA On Hold- B2 2 Chloride Industrial System France India 3 Yuasa Japan On Hold- B2 4 Gutor Switzerland On Hold- B2 5 Emerson USA On Hold- B2 6 HBL Power Systems Ltd India India 7 Chhabi Electricals Pvt Ltd (For Battery Chargerer)	Product	4 HT Switch Gear	•	·
2HitachiJapanOn Hold- B23ABBIndia/Norway4SiemensGermany/Indonesia/India5Fuji Electric Co LtdJapan6Schneider Electric Infrastructure LtdIndia7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia#Product5Battery & Battery Charger5No.VendorCountryRemark/Note1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndia7Chabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItalyItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	S. No.	Vendor	Country	Remark/Note
ABBIndia/Norway3ABBIndia/Norway4SiemensGermany/Indonesia/India5Fuji Electric Co LtdJapan6Schneider Electric Infrastructure LtdIndia7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia9Tamco Switchgear (Malaysia) Sdn BhdMalaysia10Standby PowerLog11Standby PowerUSA12Chloride Industrial SystemFrance13YuasaJapanOn Hold- B214GutorSwitzerlandOn Hold- B215EmersonUSAOn Hold- B216HBL Power Systems LtdIndiaIndia17Chhabi Electricals Pvt Ltd (For Battery Chargers)India18AEG Power solutions PteSingapore19BORRI SPAItaly10Hitachi Hi-Rel Po	1	Eaton	USA	
4SiemensGermany/Indonesia/India5Fuji Electric Co LtdJapan6Schneider Electric Infrastructure LtdIndia7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia Product5 Battery & Battery ChargerS.No.VendorCountry8Remark/Note1Standby PowerUSA1Standby PowerJapan2Chloride Industrial SystemFrance3YuasaJapan4GutorSwitzerland5EmersonUSA6HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia	2	Hitachi	Japan	On Hold- B2
5Fuji Electric Co LtdJapan6Schneider Electric Infrastructure LtdIndiaIndia7Schneider Electric Infrastructure LtdIndia / USAIndia8GE IndustrialIndia / USAIndia9Tarnco Switchgear (Malaysia) Sdn BhdMalaysia#9Tarnco Switchgear (Malaysia) Sdn BhdMalaysia#9Tarnco Switchgear (Malaysia) Sdn BhdMalaysia#9Tarnco Switchgear (Malaysia) Sdn BhdMalaysia#9Tarnco Switchgear (Malaysia) Sdn BhdMalaysia#9Standby PowerUSAOn Hold- B21Standby PowerUSAOn Hold- B22Chloride Industrial SystemFranceIndia3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25ErnersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyItalyItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	3	ABB	India/Norway	
6Schneider Electric Infrastructure LtdIndia7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia9Tamco Switchgear (Malaysia) Sdn BhdMalaysia9Standby PowerLow1Standby PowerUSA1Standby PowerUSA2Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyItalyItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	4	Siemens	Germany/Indonesia/India	
No.ControlFrance7Schneider Electric Industries SAFrance8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysiaProduct5Battery & Battery ChargerS.No.VendorCountry8VendorCountry1Standby PowerUSA1Standby PowerUSA2Chloride Industrial SystemFrance3YuasaJapan4GutorSwitzerland5EmersonUSA6HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia	5	Fuji Electric Co Ltd	Japan	
8GE IndustrialIndia / USA9Tamco Switchgear (Malaysia) Sdn BhdMalaysia#Product5Battery & Battery ChargerKemark/Note1S MobVendorCountryRemark/Note1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B2#5EmersonUSAOn Hold- B2#6HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	6	Schneider Electric Infrastructure Ltd	India	
9Tamco Switchgear (Malaysia) Sdn BhdMalaysia#Product5Battery & Battery ChargerKemark/NoteS. No.VendorCountryRemark/Note1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B25EmersonUSAOn Hold- B26HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	7	Schneider Electric Industries SA	France	
Product5Battery & Battery ChargerS. No.VendorCountryRemark/Note1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B2#5EmersonUSAOn Hold- B26HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	8	GE Industrial	India / USA	
S. No. Vendor Country Remark/Note 1 Standby Power USA On Hold- B2 2 Chloride Industrial System France 3 Yuasa Japan On Hold- B2 4 Gutor Switzerland On Hold- B2# 5 Emerson USA On Hold- B2 6 HBL Power Systems Ltd India India 7 Chhabi Electricals Pvt Ltd (For Battery Chargers) India India 8 AEG Power solutions Pte Singapore India 9 BORRI SPA Italy Italy	9	Tamco Switchgear (Malaysia) Sdn Bhd	Malaysia	#
1Standby PowerUSAOn Hold- B22Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B2#5EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia		, , , ,		
2Chloride Industrial SystemFrance3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B2#5EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyIndia10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	S. No.	Vendor	Country	Remark/Note
3YuasaJapanOn Hold- B24GutorSwitzerlandOn Hold- B2#5EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyIndia10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	1	Standby Power	USA	On Hold- B2
4GutorSwitzerlandOn Hold- B2#5EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyIndia10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	2	Chloride Industrial System	France	
5EmersonUSAOn Hold- B26HBL Power Systems LtdIndiaIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)IndiaIndia8AEG Power solutions PteSingaporeIndia9BORRI SPAItalyIndia10Hitachi Hi-Rel Power Electronics Pvt LtdIndia#	3	Yuasa	Japan	On Hold- B2
6HBL Power Systems LtdIndia7Chhabi Electricals Pvt Ltd (For Battery Chargers)India8AEG Power solutions PteSingapore9BORRI SPAItaly10Hitachi Hi-Rel Power Electronics Pvt LtdIndia	4	Gutor	Switzerland	On Hold- B2#
7 Chhabi Electricals Pvt Ltd (For Battery Chargers) India 8 AEG Power solutions Pte Singapore 9 BORRI SPA Italy 10 Hitachi Hi-Rel Power Electronics Pvt Ltd India	5	Emerson	USA	On Hold- B2
7 Chargers) India 8 AEG Power solutions Pte Singapore 9 BORRI SPA Italy 10 Hitachi Hi-Rel Power Electronics Pvt Ltd India	6	HBL Power Systems Ltd	India	
9 BORRI SPA Italy 10 Hitachi Hi-Rel Power Electronics Pvt Ltd India #	7		India	
10 Hitachi Hi-Rel Power Electronics Pvt Ltd India #	8	AEG Power solutions Pte	Singapore	
	9	BORRI SPA	Italy	
Product 6 Cathodic Protection System		1		
	10	Hitachi Hi-Rel Power Electronics Pvt Ltd	India	#



OFFSHORE SUGGESTED VENDOR LIST				
S. No.	Vendor	Country	Remark/Note	
1	Impalloy	Singapore/UK	On Hold- B2#	
2	AIL Industries Co. Ltd.	UAE		
3	Aluminium Pechinary	France	On Hold- B2	
4	Nippon Corrosion Engineering Co Ltd	Japan	On Hold- B2#	
5	Nakhabohtek Corrosion Protecting Co Ltd	Japan	On Hold- B2#	
6	Wilson Walton	UK	On Hold- B2	
7	PSL, Mumbai	India		
8	Emirites Techno Casting LLC	Dubai		
9	CP TECH	Singapore	On Hold- B2#	
10	METEC s.r.l.	Italy	On Hold- B2#	
11	SBN Industries SDN BHD	Malaysia		
Product	7 Fluorescent / Incandescent Cl	ass-"B" LTG Fixtures		
S. No.	Vendor	Country	Remark/Note	
1	Hayes Lighting	UK	On Hold- B2	
2	Cooper Crouse-Hinds	USA		
3	Appleton/EGS electrical	USA		
4	ITO-Denki	Japan	On Hold, Deletion- C3	
5	Baliga Lighting Eqpt Ltd	India		
6	Petroleum Safety Products Industries Private Limited (For FLP WP Direct Entry Well Glass Fittings, GL-4)	India	#	
7	Chalmit Lighting	UK		
8	R STAHL	Germany		
Product	8 Navigational Aid System-(NAV			
S. No.	Vendor	Country	Remark/Note	
1	Pharos Marine Automatic Power Inc	USA		
2	Tata BP Solar India Ltd	India		
3	SOLAPAK	UK		
4	BP SOLAR	Australia	Deletion- C1	
		Australia UK	Deletion- C1	



7	SICE s.r.l	Italy	
Product	9 Lead Acid Batteries (Solar Po	-	
S. No.	Vendor	Country	Remark/Note
1	Heagan Batteries	Germany	On Hold- B2#
2	Chloride Batteries	UK	On Hold- B2
3	Amara Raja Batteries Ltd	India	
4	Yuasa	Japan	On Hold- B2
Product	10 Multi Cable Transit (MCT)		
S. No.	Vendor	Country	Remark/Note
1	A.B.Lykab	Sweden	On Hold, Deletion- C3
2	Engtek Pte Singapore Ltd	Singapore	On Hold, Deletion- C1. Only supllier, Not Manufacturer
3	Roxtac	Sweden	
4	Hawke Transit System	Spain	
Product	11 Div.2 Aviation Marker Lighting		
S. No.	Vendor	Country	Remark/Note
1	Tranberg A/S	Norway	
2	DTS	France	On Hold- B2
3	Tideland Signal Ltd	ИК	
Product	12 Lighting & Power Distribution	Panel, AC & DC Distribution	Board
S. No.	Vendor	Country	Remark/Note
1	Legrand (India)	India	
2	Novateur Electrical & Digital Systems Private Limited	India	
3	Versatrip Circuit Breaker Mfg. Pvt Ltd. Mumbai	India	On Hold- B2
4	BCH Electric Ltd	India	
5	Reunion Engg.Co.Mumbai	India	On Hold- B2
6	Fabricons, Mumbai	India	
7	Siemens	Germany/India	
8	нні	Korea	
9	Marine Electricals	India	
10	HEECO	Korea	On Hold, Deletion- C3
11	Schneider Electric India Pvt. Ltd.	India	
12	Middle East Switch Gear Ltd	Sharjah	



13	Cooper Crouse-Hinds	USA	
14	R STAHL	Germany	
Product S. No.	13 Solar Power System Vendor	Country	Remark/Note
1	Central Electronics Ltd	India	On Hold- B2
2	BHEL	India	
3	Tata Power Solar System	India	
4	BP Solar	Australia	Deletion- C1
5	Solapak	UK	
6	SICE s.r.l	Italy	
7	SunPower Corporation	USA / India	
Product	14 Fire Survival Cables		
S. No.	Vendor	Country	Remark/Note
1	Universal Cables, Satna, MP	India	
2	INCAB	India	
3	Cable Corporation of India	India	
4	Polycab	India	
5	Prysmian PowerLink Srl	Italy	On Hold- B2#
6	BICC	Singapore	On Hold- B2
7	Assosciated Flexibile & Wires Pvt. Ltd	India	
8	KEI Industries Ltd	India	
9	Nexans (Kukdong)	Korea	
Product	15 FRP Cable Trays		
S. No.	Vendor	Country	Remark/Note
1	SSB Industries, Bangalore	India	On Hold- B2
2	Ercon, Jodhpur	India	
3	General Composites Pvt Ltd	India	
4	INDIANA, Mumbai	India	
5	Enduro	USA	
6	Sumip Composites Pvt.Ltd	India	
7	Sintex Industries Ltd	India	
8	Oglaend System	Malaysia	On Hold- B2#



Product 16 Batteries (Ni-Cd) S. No. Vendor Country Remark/Not 1 AMCO Power System India On Hold- B1 2 HBL Power systems Ltd India Deletion- C1 3 Amara Raja Batteries Ltd India Deletion- C1 Product 17 Hazardous Area Lighting Fixtures Kemark/Not 1 Baliga Lighting Equipment India India 2 Flexpro Electrical,Mumbai India India	1
S. No. Vendor Country Remark/Not 1 AMCO Power System India On Hold- B1 2 HBL Power systems Ltd India On Hold- C1 3 Amara Raja Batteries Ltd India Deletion- C1 Product 17 Hazardous Area Lighting Fixtures Remark/Not 1 Baliga Lighting Equipment India India	1
2 HBL Power systems Ltd India 3 Amara Raja Batteries Ltd India Product 17 Hazardous Area Lighting Fixtures S. No. Vendor Country Remark/Not 1 Baliga Lighting Equipment India India	1
3 Amara Raja Batteries Ltd India Deletion- C1 Product 17 Hazardous Area Lighting Fixtures India Remark/Not 1 Baliga Lighting Equipment India India	
Product 17 Hazardous Area Lighting Fixtures S. No. Vendor Country Remark/Not 1 Baliga Lighting Equipment India India	
S. No. Vendor Country Remark/Not 1 Baliga Lighting Equipment India	· A
1 Baliga Lighting Equipment India	Δ
2 Flexpro Electrical,Mumbai India	
3 FCG Flame Proof Control Gears Pvt. Ltd India	
4 FCG Power Industries Pvt. Ltd India	
5 Flameproof Equipments Pvt. Ltd	
6 Sudhir Switchgears India	
7 EGS Electrical Group USA	
8 Chalmit Lighting UK	
9 Cooper Crouse-Hinds USA	
10 R STAHL Germany	
Product 18 MV Motors (Flame Proof Exd, EX e, EX n)	
S. No. Vendor Country Remark/Not	e
1 Crompton Greaves Ltd India	
2 Bharat Bijlee India On Hold- B2	2#
3 KEC India	
4 Siemens India	
5 WEG Equipamentos Electricos S.A. Brazil	
Product 19 Junction Boxes	
S. No. Vendor Country Remark/Not	:e
1 Baliga India	
2 Flexpro Electricals Pvt Ltd India On Hold- B2	2#
3 FCG Flame Proof Control Gears Pvt. Ltd India	
4 FCG Power Industries Pvt. Ltd India	
5 Cooper Crouse Hinds USA	



Petroleum Safety Products Industries India # 8 Sudhir Switchgears India India 9 Appleton/EGS Electricals USA On Hold- B2# 100 Flameproof Equipments Pvt.Ltd India On Hold- B2 111 Rose Systemetechnic GMBH Germany On Hold- B2 122 R STAHL Germany India Product 20 Cables (Power) S.No. Vendor Country 8 Vendor Country 1 Nicco Corporation Ltd India On Hold- B2# 2 KEC International India On Hold- B2# 3 Universal Cables India On Hold- B2# 4 Uniflex India On Hold- B2# 5 KEI Industries Ltd India On Hold- B2# 6 Jinro Industries Korea On Hold- B2 7 Nexans (Kukdong) Korea India 10 Polycab India India 11 Prysmian PowerLink SrI India							
9 Appleton/EGS Electricals USA On Hold- B2# 10 Flameproof Equipments Pvt.Ltd India On Hold- B2# 11 Rose Systemetechnic GMBH Germany On Hold- B2 12 R STAHL Germany India On Hold- B2 12 R STAHL Germany India On Hold- B2 14 Nicco Corporation Ltd India On Hold- B2# 2 KEC International India On Hold- B2# 3 Universal Cables India On Hold- B2# 3 Universal Cables India On Hold- B2# 4 Unifiex India On Hold- B2# 5 KEI Industries Ltd India On Hold- B2# 6 Jinro Industries Korea India 6 Jinro Industries Korea India 9 Cable Corporated USA India 10 Polycab India India 11 Prysmian PowerLink Srl Italy On Hold- B2 12 BICC Singapore On Hold- B2 13 Associated Flexible & Wires Pvt.Ltd India India 14 HAWKE UK India 2 Cooper Crous	7		India	#			
10 Flameproof Equipments Pvt.Ltd India On Hold- B2# 11 Rose Systemetechnic GMBH Germany On Hold- B2 12 R STAHL Germany India On Hold- B2 Product 20 Cables (Power) Statum 5. No. Vendor Country Remark/Note 1 Nicco Corporation Ltd India On Hold- B2# 2 KEC International India On Hold- B2# 3 Universal Cables India On Hold- B2# 4 Uniflex India On Hold- B2# 5 KEI Industries Ltd India On Hold- B2# 6 Jinro Industries Korea On Hold- B1# 5 KEI Industries Ltd India On Hold- B2 6 Jinro Industries Korea On Hold- B2 7 Nexans (Kukdong) Korea India 10 Polycab India India 11 Prysmian PowerLink Srl Italy On Hold- B2 12 BICC Singapore On Hold- B2 13 Assosciated Flexibile & Wires Pvt. Ltd India India 1 HAWKE UK India 2 Cooper Cro	8	Sudhir Switchgears	India				
India Germany On Hold- B2 12 R STAHL Germany India 20 Cables (Power) Emark/Note 3. No. Vendor Country Remark/Note 1 Nicco Corporation Ltd India On Hold- B2# 2 KEC International India On Hold- B2# 3 Universal Cables India On Hold- B2# 4 Uniflex India On Hold- B2# 5 KEI Industries Ltd India On Hold- B2 6 Jinro Industries Korea On Hold- B2 7 Nexans (Kukdong) Korea India 8 AmerCable Incorporated USA India 9 Cable Corporation of India India India 10 Polycab India India 11 Prysmian PowerLink Srl Italy On Hold- B2 12 BICC Singapore On Hold- B2 13 Associated Flexibile & Wires Pvt. Ltd India India 14 HAWKE UK India 15 Cooper Crouse-Hinds USA India 14 HAWKE UK India 15 Cooper Crouse-Hinds U	9	Appleton/EGS Electricals	USA				
12 R STAHL Germany Product 20 Cables (Power) Remark/Note 5. No. Vendor Country Remark/Note 1 Nicco Corporation Ltd India On Hold- B2# 2 KEC International India On Hold- B2# 3 Universal Cables India On Hold- B2# 4 Uniflex India On Hold- B1# 5 KEI Industries Ltd India On Hold- B1# 6 Jinro Industries Korea On Hold- B2 7 Nexans (Kukdong) Korea India 8 AmerCable Incorporated USA India 9 Cable Corporation of India India India 10 Polycab India India 11 Prysmian PowerLink Srl Italy On Hold- B2# 12 BICC Singapore On Hold- B2# 13 Assosciated Flexibile & Wires Pvt. Ltd India India 14 Prysmian PowerLink Srl UK India 15 Cooper Crouse-Hinds USA India 14 HAWKE UK India 15 Cooper Crouse-Hinds USA India 16 <td>10</td> <td>Flameproof Equipments Pvt.Ltd</td> <td>India</td> <td colspan="2">On Hold- B2#</td>	10	Flameproof Equipments Pvt.Ltd	India	On Hold- B2#			
Product20Cables (Power)CountryRemark/Note1Nicco Corporation LtdIndiaOn Hold- B2#2KEC InternationalIndiaOn Hold- B2#3Universal CablesIndiaOn Hold- B2#4UniflexIndiaOn Hold- B2#5KEI Industries LtdIndiaOn Hold- B1#6Jinro IndustriesKoreaOn Hold- B27Nexans (Kukdong)KoreaIndia8AmerCable IncorporatedUSAIndia9Cable Corporation of IndiaIndiaIndia10PolycabIndiaIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndia1HAWKEUKIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	11	Rose Systemetechnic GMBH	Germany	On Hold- B2			
S. No. Vendor Country Remark/Note 1 Nicco Corporation Ltd India On Hold- B2# 2 KEC International India On Hold- B2# 3 Universal Cables India On Hold- B2# 4 Uniflex India On Hold- B2# 5 KEI Industries Ltd India On Hold- B1# 6 Jinro Industries Korea On Hold- B2 7 Nexans (Kukdong) Korea On Hold- B2 8 AmerCable Incorporated USA USA 9 Cable Corporation of India India India 10 Polycab India India 11 Prysmian PowerLink Srl Italy On Hold- B2 12 BICC Singapore On Hold- B2 13 Assosciated Flexibile & Wires Pvt. Ltd India India 14 Product 21 [Cable Glands Social Country Remark/Note 1 HAWKE UK India India India 2 Cooper Crouse-Hinds USA India	12	R STAHL	Germany				
1Nicco Corporation LtdIndiaOn Hold- B2#2KEC InternationalIndiaOn Hold- B2#3Universal CablesIndiaOn Hold- B2#4UniflexIndiaOn Hold- B2#4UniflexIndiaOn Hold- B1#5KEI Industries LtdIndiaOn Hold- B27Nexans (Kukdong)KoreaOn Hold- B27Nexans (Kukdong)KoreaIndia8AmerCable IncorporatedUSAIndia9Cable Corporation of IndiaIndiaIndia10PolycabIndiaIndia11Prysmian PowerLink SrfItalyOn Hold- B2#12BICCSingaporeOn Hold- B2#13Assosciated Flexibile & Wires Pvt. LtdIndiaIndia1HAWKEUKIndia1HAWKEUSAIndia1HAWKEUKIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	Product	20 Cables (Power)					
2KEC InternationalIndiaOn Hold- B2#3Universal CablesIndiaOn Hold- B2#4UniflexIndiaOn Hold- B2#4UniflexIndiaOn Hold- B1#5KEI Industries LtdIndiaOn Hold- B1#6Jinro IndustriesKoreaOn Hold- B27Nexans (Kukdong)KoreaOn Hold- B28AmerCable IncorporatedUSAIndia9Cable Corporation of IndiaIndiaIndia10PolycabIndiaOn Hold- B2#11Prysmian PowerLink SrfItalyOn Hold- B2#12BICCSingaporeOn Hold- B2#13Associated Flexibile & Wires Pvt. LtdIndiaIndia14HAWKEUKIndiaIndia15No.VendorCountryRemark/Note14HAWKEUKIndiaIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	S. No.		Country	Remark/Note			
3Universal CablesIndiaOn Hold- B2#4UniflexIndiaOn Hold- B1#5KEI Industries LtdIndiaOn Hold- B1#6Jinro IndustriesKoreaOn Hold- B27Nexans (Kukdong)KoreaOn Hold- B28AmerCable IncorporatedUSAIndia9Cable Corporation of IndiaIndiaIndia10PolycabIndiaIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndia14HAWKEUKIndia15Koper Crouse-HindsUSAIndia16Flexpro Electrical Co.LtdIndiaIndia16FCG Flameproof Control Gears Pvt LtdIndiaIndia17R STAHLGermanyIndia	1	Nicco Corporation Ltd	India	On Hold- B2#			
AUniflexIndiaOn Hold- B1#5KEI Industries LtdIndiaIndia6Jinro IndustriesKoreaOn Hold- B27Nexans (Kukdong)KoreaIndia8AmerCable IncorporatedUSAIndia9Cable Corporation of IndiaIndiaIndia10PolycabIndiaIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndia14HAWKEUKIndia15No.VendorCountryRemark/Note1HAWKEUKIndiaIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	2	KEC International	India	On Hold- B2#			
AIndia5KEI Industries LtdIndia6Jinro IndustriesKoreaOn Hold- B27Nexans (Kukdong)KoreaIndia8AmerCable IncorporatedUSAIndia9Cable Corporation of IndiaIndiaIndia10PolycabIndiaOn Hold- B2#11Prysmian PowerLink SrlItalyOn Hold- B2#13Associated Flexibile & Wires Pvt. LtdIndiaIndia14HCCSingaporeOn Hold- B213Associated Flexibile & Wires Pvt. LtdIndiaIndia14HAWKEUKIndia15Koper Crouse-HindsUSAIndia16BaligaIndiaIndia17Flexpro Electrical Co.LtdIndiaIndia16FCG Flameproof Control Gears Pvt LtdIndiaIndia17R STAHLGermanyIndia	3	Universal Cables	India	On Hold- B2#			
IntroIntroIntro6Jinro IndustriesKoreaOn Hold- B27Nexans (Kukdong)KoreaIntro8AmerCable IncorporatedUSAIntro9Cable Corporation of IndiaIndiaIntro10PolycabIndiaIntro11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIntro14Product21Cable Glands15VendorCountryRemark/Note16HAWKEUKIntra17BaligaIndiaIntra18BaligaIndiaIntra19Cooper Crouse-HindsUSAIntra10Flexpro Electrical Co.LtdIndiaIntra10Responder Control Gears Pvt LtdIndiaIntra19KCG Flameproof Control Gears Pvt LtdIndiaIntra10FCG Flameproof Control Gears Pvt LtdIndiaIntra17R STAHLGermanyIntra	4	Uniflex	India	On Hold- B1#			
7Nexans (Kukdong)Korea7Nexans (Kukdong)Korea8AmerCable IncorporatedUSA9Cable Corporation of IndiaIndia10PolycabIndia10PolycabIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndia14Cable GiandsVendorRemark/Note1HAWKEUKIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	5	KEI Industries Ltd	India				
8AmerCable IncorporatedUSA9Cable Corporation of IndiaIndia10PolycabIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndiaProduct21Cable GlandsEmark/Note5. No.VendorCountryRemark/Note1HAWKEUKIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	6	Jinro Industries	Korea	On Hold- B2			
9Cable Corporation of IndiaIndia10PolycabIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndia13Assosciated Flexibile & Wires Pvt. LtdIndiaIndia14Product21Cable GlandsEmark/Note10HAWKEUKIndiaIndia11HAWKEUKIndiaIndia12SaligaIndiaIndiaIndia13Assosciated Flexibile & Wires Pvt. LtdIndiaIndia14HAWKEUKIndiaIndia15Cooper Crouse-HindsIndiaIndia16FLexpro Electrical Co.LtdIndiaIndia17R STAHLGermanyGermany	7	Nexans (Kukdong)	Korea				
10PolycabIndia11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndiaProduct 21 Cable GlandsS. No.VendorCountry1HAWKEUKIndia1HAWKEUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	8	AmerCable Incorporated	USA				
11Prysmian PowerLink SrlItalyOn Hold- B2#12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaIndiaProduct21Cable GlandsKemark/NoteS. No.VendorCountryRemark/Note1HAWKEUKIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	9	Cable Corporation of India	India				
12BICCSingaporeOn Hold- B213Assosciated Flexibile & Wires Pvt. LtdIndiaProduct21Cable GlandsS. No.VendorCountryRemark/Note1HAWKEUK2Cooper Crouse-HindsUSA3BaligaIndia4Flexpro Electrical Co.LtdIndia5Comet Brass ProductIndia6FCG Flameproof Control Gears Pvt LtdIndia7R STAHLGermany	10	Polycab	India				
13Assosciated Flexibile & Wires Pvt. LtdIndiaProduct21Cable GlandsS. No.VendorCountryRemark/Note1HAWKEUKIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	11	Prysmian PowerLink Srl	Italy	On Hold- B2#			
Product21Cable GlandsS. No.VendorCountryRemark/Note1HAWKEUKIndia2Cooper Crouse-HindsUSAIndia3BaligaIndiaIndia4Flexpro Electrical Co.LtdIndiaIndia5Comet Brass ProductIndiaIndia6FCG Flameproof Control Gears Pvt LtdIndiaIndia7R STAHLGermanyIndia	12	BICC	Singapore	On Hold- B2			
S. No.VendorCountryRemark/Note1HAWKEUK2Cooper Crouse-HindsUSA3BaligaIndia4Flexpro Electrical Co.LtdIndia5Comet Brass ProductIndia6FCG Flameproof Control Gears Pvt LtdIndia7R STAHLGermany		Assosciated Flexibile & Wires Pvt. Ltd	India				
1HAWKEUK2Cooper Crouse-HindsUSA3BaligaIndia4Flexpro Electrical Co.LtdIndia5Comet Brass ProductIndia6FCG Flameproof Control Gears Pvt LtdIndia7R STAHLGermany							
2Cooper Crouse-HindsUSA3BaligaIndia4Flexpro Electrical Co.LtdIndia5Comet Brass ProductIndia6FCG Flameproof Control Gears Pvt LtdIndia7R STAHLGermany	S. No.	Vendor	Country	Remark/Note			
3BaligaIndia4Flexpro Electrical Co.LtdIndia5Comet Brass ProductIndia6FCG Flameproof Control Gears Pvt LtdIndia7R STAHLGermany	1	HAWKE	UK				
4Flexpro Electrical Co.LtdIndia5Comet Brass ProductIndia6FCG Flameproof Control Gears Pvt LtdIndia7R STAHLGermany	2	Cooper Crouse-Hinds	USA				
5 Comet Brass Product India 6 FCG Flameproof Control Gears Pvt Ltd India 7 R STAHL Germany	3	Baliga	India				
6 FCG Flameproof Control Gears Pvt Ltd India 7 R STAHL Germany	4	Flexpro Electrical Co.Ltd	India				
7 R STAHL Germany	5	Comet Brass Product	India				
	6	FCG Flameproof Control Gears Pvt Ltd	India				
Product 22 Electrical Heat Tracing			Germany				
	Product	22 Electrical Heat Tracing	· · · · · · · · · · · · · · · · · · ·				

S. No.	Vendor	Country	Remark/Note	
1	Thermopads Pvt Ltd	India		
	· · · · · · · · · · · · · · · · · · ·			
2	Thermon			
3	Lloyds	India		
4	Xicon	India		
5	Tyco Thermal Controls-Raychem	India	On Hold- B1#	
6	Bartec GmbH	Germany		
Product	23 Paging and Intercom System	ſ		
S. No.	Vendor	Country	Remark/Note	
1	GAI-TRONICS S.r.I.	USA / Italy		
2	Federal Signal Corporation	USA / UK		
3	Bartec - Vodec Ltd	UK		
Product	i. Explosion Proof Control Sta			
	III. Industrial Type Plug and So		Demerk/Nata	
S. No.	Vendor	Country	Remark/Note	
1	Petroleum Safety Products Industries Private Limited	India	#	
2	Baliga	India		
3	FCG Flame Proof Control Gears Pvt. Ltd	India		
4	Ex-protecta	India		
5	Flexpro Electricals Pvt Ltd	India	Vendors from 2 to 9 are for Explosion Proof Control	
6	Sudhir Switchgears	India	Stations Only	
7	Flameproof Equipments Pvt Ltd	India		
8	Cooper Crouse-Hinds	USA		
9	R STAHL	Germany		
Product	25 Submarine Cable			
S. No.	Vendor	Country	Remark/Note	
1	EXSYM Corporation	Japan	On Hold- B2#	
2	Nexans	France		
3	J Power Systems	Japan		
4	Prysmian PowerLink Srl	Italy		
5	JDR Cable System Ltd	UK		
Product	26 HV Motors-(Ex e/ Ex n)			
S. No.	Vendor	Country	Remark/Note	



	Baliga Lighting Equipment Ltd	India	
S. No.	Vendor	Country	Remark/Note
Product	29 Hazardous Area Lighting Pane	l (Flameproof)	
8	MOTOROLA (VHF Portable Radio Sets & Accessories)	USA	
7	Thrane & Thrane A/S	Denmark	
6	Pace		On Hold- B2
5	Jotron	Norway	
4	Saracom		On Hold- B2
3	Amplidan		On Hold- B2
2	Park Electronics Ltd	ик	
1	Southern Avionics Company	USA	
S. No.	Vendor	Country	Remark/Note
Product	28 Radio System		
4	Tadiran Telecom Ltd	Israel	
3	Federal Signal	UK	
2	Siemens	India	On Hold- B1#
1	Tata Telecom	India	On Hold- B2
Product S. No.	27 Telephone System	Country	Remark/Note
Note	All HV Motors manufacturers are enlis	ted for MV Motors also.	
10	WEG Equipamentos Electricos S.A.	Brazil	
9	Ansaldo Sistemi Industriali S.p.A	Italy	On Hold- B1#
8	KEC	India	
7	Crompton Greaves Ltd	India	
6	Siemens		
5	BHEL	India	On Hold- B2
4	Parson Peebles	ик	
3	Loher	Germany	On Hold, Deletion- C2. Name change to Siemens which is already
2	Fuji Electric Co Ltd	Japan	
	ATB Laurence Scott Ltd	UK	



2	FCG Flame Proof Control Gears	India	
3	Flexpro Electrical Pvt Ltd	India	
4	Flameproof Equipments Pvt. Ltd	India	
5	FCG Power Industries		On Hold- B2#
6	Sudhir Switchgears	India	
7	R STAHL	Germany	
Product	30 Welding Receptacles & Co	nyonianaa Qutlata (Elam	enreef
	Vendor		
S. No.	vendor	Country	Remark/Note
1	FCG Flame Proof Control Gears	India	
2	Flameproof Equipments Pvt Ltd	India	
3	Sudhir Switchgears	India	
4	Appleton/EGS Electricals	USA	
Product	31 CCTV System		
S. No.	Vendor	Country	Remark/Note
1	BOSCH	Germany	On Hold- B2#
2	HERNIS SCAN SYSTEM	Norway	
3	PELCO	USA	
4	Vicon Industries Ltd	UK	
Product	32 Marine Passenger Elevato		
S. No.	Vendor	Country	Remark/Note
1	Kone Elevators Ltd	Finland	
Product	33 Utility Generator- Alternato	or for Diesel Generator P	ackage
S. No.	Vendor	Country	Remark/Note
1	КАТО	Japan	
2	Alsthom	France	On Hold- B2#
3	LEROY SOMER		
Product	34 Main Injection / Main Oil Li	ne Pumps- Electric Moto	rs
S. No.	Vendor	Country	Remark/Note
1	Fuji Electric	Japan	
2	Mather Platt	ик	On Hold- B2#
3	Loher Ag	Germany	On Hold, Deletion- C2. Name change to Siemens which is already
4	Ansaldo	Italy	On Hold- B1#
5	Parson Peebles	UK	
ļ	1		



6	Siemens	Germany	
Product	35 Turbine Generator Set- Alterna	tors	
S. No.	Vendor	Country	Remark/Note
1	Brush Electric	UK	On Hold- B2#
2	General Electric	USA	
3	Siemens	Germany	
4	Alstom	UK	On Hold- B2#
5	Fuji Electric	Japan	
6	Hyundai Ideal Electric Co.	USA	
7	Converteam UK Ltd	UK	



Pipeline					
	Linepipe (NACE & Non-NACE)	-(API Monogram)			
Product	1 Product Catgs. at S.No. 7, 8, & 16 proposed for merging with this product category under name as "Carbon Steel Line Pipe (Sour & Non-Sour Service)"				
S. No.	Vendor	Country	Remark/Note		
1	Sumitomo Corporation	Japan	Trader		
2	Tenaris Dalmine (Earlier known as Dalmine, Italy)	Italia	Name proposed as "Tenaris Dalmine"		
3	Mannesmannrohren-werke AG (Earlier known as Mannesmann, Germany)	Germany	On Hold- B1#. Name proposed as "Mannesmannrohren-werke AG"		
4	NKK Corporation	Japan	On Hold- B1#		
5	Nippon Steel Corporation	Japan	On Hold- B1#		
6	Marubeni	Japan	Trader.On Hold- B1#		
7	Mitsui	Japan	Trader.		
8	Itochu	Japan	Trader. On Hold- B1#		
9	Thhyssen	Germany	On Hold- B1#. Name spelling correction proposed as "THYSSEN"		
10	Vallourec & Mannesmann Tubes		On Hold- B1#		
11	Tenaris Tamsa	Mexico			
12	ArcelorMittal Tubular Products Roman S.A. (For Seamless Line Pipes)	Romania	Proposed "For Seamless Line Pipes only"		
13	Jindal Saw Ltd.,Delhi (SAW Pipes)	India	Proposed as "Jindal Saw Ltd (LSAW Pipes only)"		
14	Man Industries (India) Ltd.(For NON- NACE as per ONGC specification no. 2020C Rev.0)	India	Proposed as "Man Industries (India) Ltd (For LSAW pipes only)"		
15	Volzhsky Pipe Plant of TMK Group	Russia			
Droduct	Riser Bend-(API Monogram)	•	·		
Product	² Product catg. name proposed	as "Long Radius Bend"			
S. No.	Vendor	Country	Remark/Note		
1	Fabricom GTI (Earlier known as Fabricam, Belgium)	Belgium	On Hold- B1#. Proposed as "Fabricom GTI "		
2	Dai-ichi High Frequency Co. Ltd.	Japan			
3	Tenaris Dalmine	Japan			



			1		
4	PSL	India			
5	Sung Jin Machinery Co. Ltd	S. Korea	On Hold- B2#		
6	Igawara Industrial service and Trading Pte. Ltd	Singapore			
7	Proclad Induction Bending	UK			
8	Jindal Saw Ltd.,Delhi (LR Bends only)	India	Proposed as "Jindal Saw Ltd"		
Product	3 Concrete & Anti-Corrosion Coa	ating			
S. No.	Vendor	Country	Remark/Note		
1	Bredero Price	Sharjah			
2	NPCC	Abu Dhabi			
3	PSL	India			
4	Saw Pipes, Delhi, India Saw Pipes, Delhi	India	Proposed as "Jindal SAW Ltd"		
5	Welspun Corp Ltd (Anjar Pipe Coating Facility, Gujrat); (External 3LPE Coating)	India	Proposed as "Welspun Corp Ltd (External 3LPP Coating only)"		
	Monel Plate				
Product	Δ	as "Nickel-Copper Alloy- UNS N04400 plates (Monel)"			
S. No.	Vendor	Country	Remark/Note		
1	Thyssen KruppVDM (Earlier known as VDM, Krupp, Germany)	Germany	On Hold- B1#. Proposed as "Thyssen KruppVDM"		
2	Mitsubshi	Japan	Trader.Name spelling correction as "Mitsubishi"		
3	Special Metals Wiggin Ltd (Earlier known as Inco Alloys, UK)	UK	Proposed as "Special Metals Wiggin Ltd"		
4	Special Metals Corporation	USA			
Product	5 Flexible Linepipe				
S. No.	Vendor				
	Vollaol	Country	Remark/Note		
1	Well Stream	Country UK	Remark/Note		
1 2			Remark/Note		
	Well Stream National Oilwell Varco Denmark I/S Technip	UK Denmark France			
2	Well Stream National Oilwell Varco Denmark I/S Technip Sub Sea Flanges for Sour Serv	UK Denmark France			
2	Well Stream National Oilwell Varco Denmark I/S Technip 6 Sub Sea Flanges for Sour Serv no. 2024A Rev.0) Product catg. name proposed	UK Denmark France ices (Spec No. 2024B Rev.0)	and Non Sour Services (Spec		
2 3 Product	Well Stream National Oilwell Varco Denmark I/S Technip 6 Sub Sea Flanges for Sour Serv no. 2024A Rev.0) Product catg. name proposed a Service)"	UK Denmark France ices (Spec No. 2024B Rev.0) as "Subsea Flanges – Carbor	and Non Sour Services (Spec		
2	Well Stream National Oilwell Varco Denmark I/S Technip 6 Sub Sea Flanges for Sour Serv no. 2024A Rev.0) Product catg. name proposed	UK Denmark France ices (Spec No. 2024B Rev.0)	and Non Sour Services (Spec		
2 3 Product S. No.	Well Stream National Oilwell Varco Denmark I/S Technip 6 Sub Sea Flanges for Sour Serv no. 2024A Rev.0) Product catg. name proposed Service)" Vendor	UK Denmark France ices (Spec No. 2024B Rev.0) as "Subsea Flanges – Carbon Country	and Non Sour Services (Spec		



3	Officine	Ambrogio Melesi & C, SRL	Italy	
Product	7	Line Pipe for Submarine pipe Rev 0 Product Catg 7 proposed for		
		Pipe (Sour & Non-Sour Service		name as Carbon Steer Line
S. No.	Vendor		Country	Remark/Note
1	MAN Industries		India	
2	EEW GmbH & Co (Erndtebrucker Eisenwerk GmbH & Co. KG)		Germany	Proposed as "EEW GmbH & Co (For LSAW Pipes only)"
3	EISENBAU KRAMER GmbH		Germany	Proposed as "EISENBAU KRAMER GmbH (For LSAW Pipes only)"
		Welded Line Pipes (Non-Sour	as per ONGC specification	2020C,Rev-0
Product	8	Product Catg 8 proposed for Pipe (Sour & Non-Sour Service	ce)"	
S. No.	Vendor	,	Country	Remark/Note
1	EEW G	mbH & Co	Germany	Proposed as "EEW GmbH & Co (For LSAW Pipes only)"
Product	9	Sub -Sea Flanges (DSS) Product catg. respelt as "Sub	sea Flanges (DSS)"	
S. No.	Vendor		Country	Remark/Note
1	Melesi (Sub sea Flanges)	Italy	Name correction proposed as "Officine Ambrogio Melesi & C, SRL"
Product	10	Misalignment Flange		
S. No.	Vendor		Country	Remark/Note
1	Oil State	es Industries (OSI), USA	USA	
Product	11	Subsea Valves Proposed for merging produc Ball Valves (Sour & Non Sour		r name "Subsea Carbon Steel
S. No.	Vendor		Country	Remark/Note
1	Velan / Valbart (Metal Seated Valves)			Remaininole
	Velan /		Italy	Proposed as "Valbart Srl"
2				
2 3	T. K. Va Soft)	Valbart (Metal Seated Valves)	Italy	Proposed as "Valbart Srl" On Hold- B1#. Proposed as
	T. K. Va Soft) CAMER	Valbart (Metal Seated Valves) alves (Primary Metal Secondary	Italy UK USA	Proposed as "Valbart Srl" On Hold- B1#. Proposed as "T. K. Valves" Proposed as "CAMERON"
3	T. K. Va Soft) CAMER GROVE Soft)	Valbart (Metal Seated Valves) alves (Primary Metal Secondary ROON (Metal Seated Valves)	Italy UK USA Italy	Proposed as "Valbart Srl" On Hold- B1#. Proposed as "T. K. Valves" Proposed as "CAMERON" (with spelling correction) On Hold- B1#. Proposed as
3 4 5	T. K. Va Soft) CAMER GROVE Soft) PERAR	Valbart (Metal Seated Valves) alves (Primary Metal Secondary COON (Metal Seated Valves) E Italia (Primary Metal Secondary (Primary Metal Secondary Soft)	Italy UK USA Italy Italy	Proposed as "Valbart Srl" On Hold- B1#. Proposed as "T. K. Valves" Proposed as "CAMERON" (with spelling correction) On Hold- B1#. Proposed as "GROVE Italia" Proposed as "PERAR "
3	T. K. Va Soft) CAMER GROVE Soft)	Valbart (Metal Seated Valves) alves (Primary Metal Secondary COON (Metal Seated Valves) E Italia (Primary Metal Secondary (Primary Metal Secondary Soft)	Italy UK USA Italy Italy	Proposed as "Valbart Srl" On Hold- B1#. Proposed as "T. K. Valves" Proposed as "CAMERON" (with spelling correction) On Hold- B1#. Proposed as "GROVE Italia"
3 4 5	T. K. Va Soft) CAMER GROVE Soft) PERAR	Valbart (Metal Seated Valves) alves (Primary Metal Secondary COON (Metal Seated Valves) E Italia (Primary Metal Secondary (Primary Metal Secondary Soft) Subsea Check Valves Product catg. name proposed Service)"	Italy UK USA Italy Italy	Proposed as "Valbart Srl" On Hold- B1#. Proposed as "T. K. Valves" Proposed as "CAMERON" (with spelling correction) On Hold- B1#. Proposed as "GROVE Italia" Proposed as "PERAR "



1				
2	BEL Valves		Country "UK" to be added	
3	Goodwin		Country "UK" to be added	
4	Velan		On Hold- B1#	
5	Valvitalia	Italy		
Product	Subsea Ball Valves (Sour Serving) 13 Proposed for merging product Ball Valves (Sour & Non Sour Serving)	t catg. 13 with catg. 11 under	name "Subsea Carbon Steel	
S. No.	Vendor	Country	Remark/Note	
1	BEL Valves			
2	MIR Valve S.P.A.	Italy		
Product	Subsea Flow Tee - CS NACE 14 Product catg. name proposed as "Subsea Carbon Steel Flow Tee (Sour & Non Sour Service)"			
S. No.	Vendor	Country	Remark/Note	
1	Pipeline Engineering & Supply Co. Ltd.	υк	On Hold- B1#	
2	GAM Raccordi SPA	Italy		
Product	15 Hinged Closure (Quick Openin Product catg. name proposed (Sour & Non Sour Service)"		ged Closure (Quick Opening)	
S. No.	Vendor	Country	Remark/Note	
1	Pipeline Engineering & Supply Co. Ltd.	UK	On Hold- B1#	
Product	ct 16 SAW NACE Line Pipes Product Catg 16 proposed for merging with catg 1 under na Pipe (Sour & Non-Sour Service)"		name as "Carbon Steel Line	
S. No.	Vendor	Country	Remark/Note	
1	Welspun Corporation Ltd	India	Proposed as "Welspun Corporation Ltd (For LSAW Pipes only)"	



Structura			
Product S. No.	1 Rubber Fenders	Country	Remark/Note
5. NO.		Country	Remark/Note
1	IRM Offshore and Marine Engineers	India	
2	Crux Products Ltd	ик	On Hold- B2#
3	Regal Marine Products, Offshore Kinematics Inc, Texas	USA	Name change proposed as "Oil States"
4	Trelleborg Hercules Pte.Ltd.	Singapore	
5	Hi-Tech Elastomers Ltd, Ahmedabad	India	
Product	2 Grout Seal		
S. No.	Vendor	Country	Remark/Note
1	IRM Offshore and Marine Engineers	India	
2	Crux Products Ltd	UK	On Hold- B2#
3	Regal Marine Products, Offshore Kinematics Inc, Texas	USA	Name change proposed as "Oil States"
4	Hi-Tech Elastomers Ltd, Ahmedabad	India	
5	Trelleborg Hercules Pte.Ltd.	Singapore	
Product	3 Diaphragm Closure		
S. No.	Vendor	Country	Remark/Note
1	IRM Offshore and Marine Engineers	India	
2	Crux Products Ltd	UK	On Hold- B2#
3	Regal Marine Products, Offshore Kinematics Inc, Texas	USA	Name change proposed as "Oil States"
4	Hi-Tech Elastomers Ltd, Ahmedabad	India	
5	Trelleborg Hercules Pte.Ltd.	Singapore	
Product	4 Marine Growth Preventer (MC		
S. No.	Vendor	Country	Remark/Note
1	IEV	Malaysia	
Product	5 Structural Tubular (Rolling) S Product Category to be delet Bid		Licence is Qualified as per
S. No.	Vendor	Country	Remark/Note
1	Lalit Profile & Steel Ind. Ltd., Navi Mumbai	India	
Product	6 Marine Paints (Protective coa	ting) for offshore structure	
S. No.	Vendor	Country	Remark/Note
1	Chugoku Marine Paints (S) Pte Ltd.	Singapore	
2	Ameron (PPG Coating)	USA	
3	Sigma Coating (PPG Coating)	USA	
	Hempel Marine Paints	Denmark	
4		2 0	



5	Carbolir	ne Products	USA	
6	Berger	Paints (I) Ltd	Kolkata	On Hold- B2#
7	Jotun Coatings		Norway	
8	KCC Products		Korea	On Hold- B2#
9	Shalimar Paints Ltd		Kolkata	On Hold- B2#
10	International Paint		ик	
11	EXCEL India Protective Paints Pvt. Ltd		India	
Product	7	Fibre glass Reinforced Plastic	Gratings & Handrails	
S. No.	Vendor		Country	Remark/Note
1	Kemroc	k Industries, Vadodara	India	On Hold- B2#
Product	8	Aluminium Heli Deck		•
S. No.	Vendor	-	Country	Remark/Note
1	Alumini	um Offshore Pte Ltd	Singapore	
2	Bayards Aluminium Constructies		Singapore	
3	Marine Aluminium, Norway (Through Walchand Industries, CBD Navi Mumbai)		Norway	
Product	t 9 Barge Bumper Shock Cell			
S. No.	Vendor		Country	Remark/Note
1	Hi-Tech	Elastomers Ltd, Ahmedabad	India	
2	IRM Off	shore and Marine Engineers	India	
3	Trellebo	org Hercules Pte.Ltd.	Singapore	
Product	10	Rubber Strips		•
S. No.	Vendor		Country	Remark/Note
1	Hi-Tech	Elastomers Ltd, Ahmedabad	India	
2	IRM Offshore and Marine Engineers		India	
3	Trelleborg Hercules Pte.Ltd.		Singapore	
Product	11	Single Point CALM Buoy Syste	em and conventional boat mo	ooring system (SALM)
S. No.	Vendor		Country	Remark/Note
1	Blue Wa	ater Energy Services	Netherlands	
2	Single E	Buoy Moorings Inc. (SBM Inc.)	Switzerland	



Product	1 External Fire Proofing H rated				
S. No.	Vendor	Country	Remark/Note		
1	Specialist Services	Dubai			
2	Booth Engineering Ltd.	UK			
3	Van Dam	Netherlands			
4	Mandozal Coatings Co. Ltd.	ик	Deletion- C2		
5	Pyrocrele Inc. CDC Crete Ltd., Chennai	India	Deletion- C2		
6	Chartek IV, Ms Textron Speciality Material	USA	To be Shifted under Product catg. 11		
7	Thermolag 2000, M/s Thermal Science Inc	UK	To be Shifted under Product catg. 11		
roduct	2 External Fire Proofing A Rated				
S. No.	Vendor	Country	Remark/Note		
1	Specialist Services	Dubai			
2	Booth Engineering Ltd	UK			
3	Van Dam	Netherlands			
4	Mech Tools Engineering	ик			
roduct					
S. No.	Vendor	Country	Remark/Note		
1	Specialist Services	Dubai			
2	Booth Engineering Ltd.	UK			
3	Van Dam	Netherlands			
4	Mech Tools Engineering	UK			
5	IMAC	Sweden			
6	BD System	UK			
7	BU-II Industries	South Korea	Deletion- C2		
8	Shinsung Engg.	South Korea			
roduct	4 Pre Fabricated Toilet System	·			
S. No.	Vendor	Country	Remark/Note		
1	Specialist Services	Dubai (UAE)			
2	Flush Metal partition Corporation	UK			
3	BU-II Industries	South Korea	Deletion- C2		
4	Norac AS	Norway			
5	Shinsung Engg.& Archi Co Ld.	Korea			
roduct	5 B-15 Suspended Ceiling				
S. No.	Vendor	Country	Remark/Note		
1	TNF Ceiling	Denmark			
2	BU-II Industries	South Korea	Deletion- C2		



P					
3	STACO (Shinsung Total Accommodation System)		South Korea		
4	BD System		υк		
5	IMAC		Sweden		
6	USG Ceiling, New Delhi		India		
Product	6 Floor Screed / Underlay				
S. No.	Vendor		Country	Remark/Note	
1	Duirastic Ltd		UK		
2	Texmar		Sweden		
3	Deahyup		Korea	On Hold- B2#	
Product	7	Vinyl Tiles			
	Variation	Product catg. proposed as "Vinyl Tiles / Vinyl Sheets"			
S. No.	Vendor		Country	Remark/Note	
1	Marley I	Floors	Kent	On Hold- B1#	
2	Armstro	ong	USA		
3	LG Che	micals	South Korea		
Product	8	Ceramic Tiles			
S. No.	Vendor		Country	Remark/Note	
1	Pilkington		USA		
2	Woomi Ceramics		South Korea	On Hold- B1#	
3	Armstrong		USA		
4	Marley Floors		Kent	On Hold- B1#	
5	H & R Johnson Tiles Limited		UK		
Product	9	Access Floor System			
S. No.	Vendor		Country	Remark/Note	
1	DONN /	Access Floor, New Delhi	India	Deletion- C2	
2	Kwan S	U	South Korea	Deletion- C2	
3	Propa Floor		UK	Deletion- C2	
4	Tate Flo	oor	USA		
5	Gamma Industries		France		
6			Netherlands		
Product	10	Fire Retardant Carpet Product catg. proposed for del	letion		
S. No.	Vendor		Country	Remark/Note	
1			υκ		
2	HALBMOND TEPPICHWERKE GmbH Germany				
		Fire Retardant External Coating	g		
Product	11	Product catg. name proposed a vendors from catg. 1 to be shift	s "External Fire Proofing Coating H Rated" and 2 nos. ed to this catg.		
S. No.	Vendor Country Remark/Note				
1	Liquid Plastic Ltd		UK		
			1		



	ct 12 H-60 & A-60 Door Product catg. name proposed as "H-60 & A-60 Fire Rated Door"				
Product					
S. No.	Vendor		Country	Remark/Note	
1	Specialist Services		Dubai		
2	Booth Engineering Ltd.		ик		
3	Van Dam		Netherlands		
4	Sung M	i Geun Cheul	Korea		
5	STACO (Shinsung Total Accommodation System)		Korea		
Product	B-15 Door				
Product		Product catg. name proposed	as "B-15 Fire Rated Door		
S. No.	Vendor		Country	Remark/Note	
1	Specialist Services		Dubai		
2	Booth E	ngineering Ltd.	UK		
3	Van Dam		Netherlands		
4	Mech Tools Engineering		UK		
5	IMAC		Sweden		
6	BD System		Uk		
7	BU-II Industries		South Korea	Deletion- C2	
8	STACO (Shinsung Total Accommodation System)		Korea		
9	Sung M	i Geun Cheul	Korea		
Product	14	A-60 Window	ee IIA CO Fire Detect Mind		
S. No.	Vendor	Product catg. name proposed	Country	Remark/Note	
1		ng Co Ltd	Korea		
2	Nordam	-	Norway		
	Jung Go		Korea		
		A-0 Rolling Shutter	i tolou		
Product	15	Product catg. name proposed as "A-0 Fire Rated Rolling Shutter"			
S. No.	Vendor		Country	Remark/Note	
	Bolton Brady Scotland Ltd.		Scotland	Deletion- C2	
2	Atlas Door				
Product	16 Insulation Product catg. is proposed to be shifted to other discipline			ine	
S. No.	U		Country	Remark/Note	
1	Lloyd Insulation (I) Ltd. N Delhi		India		
	Rockwool A/S		Denmark		
2	Rockwo	ol A/S	Denmark		



4	Thermal Ceramics U		UK		
Product	17	Kitchen Equipment Product catg. proposed for deletion			
S. No.	Vendor		Country	Remark/Note	
1	Qualty Marketing Co		USA		
2	Hobart Manufacturing Co Ltd, London		UK		
3	Kan Li Far east Pvt. Ltd.		Singapore		
Product	18	Plumbing Fittings Product catg. proposed for deletion			
S. No.	Vendor		Country	Remark/Note	
1	Daelim Trading Co.		South Korea		
Product	19 Ceramic Wall Tiles Product catg. proposed for merging with catg. 8				
S. No.	Vendor		Country	Remark/Note	
1	H & R Johnson Tiles Limited		UK		
