Annex 2

VENDORS and SUBCONTRACTORS

Exhibit A Annex-2

Lists of VENDORs and SUBCONTRACTOR

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
General							
Electrical							
Electrical	Electrical Bulk Material	Cable	Electrical Cables	CCI			SINGAPORE / USA
Electrical	Electrical Bulk Material	Cable	Electrical Cables	MCI-Draka-Prysmian			NORWAY / ITALY / THAILAND
Electrical	Electrical Bulk Material	Cable	Electrical Cables	NEXANS			FRANCE / KOREA
Electrical	Electrical Bulk Material	Cable	Electrical Cables	TRIANGLE CABLE			AUSTRALIA / THAILAND
Electrical	Electrical Bulk Material	Cable	Electrical Cables	BELDEN			USA
Electrical	Electrical Bulk Material	Cable	Electrical Cables	PIRELLI			ITALY / THAILAND
Electrical	Electrical Bulk Material	Cable Accessories	Cable Glands	CEAG			GERMANY
Electrical	Electrical Bulk Material	Cable Accessories	Cable Glands	CMP			UK
Electrical	Electrical Bulk Material	Cable Accessories	Cable Glands	HAWKE			UK
Electrical	Electrical Bulk Material	Cable Accessories	Cable Glands	STAHL			GERMANY / NETHERLANDS
Electrical	Electrical Bulk Material	Cable Accessories	Cable Ties	CRITCHLEY			UK
Electrical	Electrical Bulk Material	Cable Accessories	Cable Ties	HELLERMANNTYTON			SINGAPORE / UK
Electrical	Electrical Bulk Material	Cable Accessories	Cable Ties	PANDUIT			SINGAPORE / USA
Electrical	Electrical Bulk Material	Cable Accessories	Cable Ties	THOMAS & BETTS (T&B) -ABB			USA
Electrical	Electrical Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	HAWKE TRANSIT SYSTEM			UK
Electrical	Electrical Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	MCT BRATTBERG		Acceptable product ranges: Model RGB, RGG and RGS.	SWEDEN
Electrical	Electrical Bulk Material	Cable Accessories	Multi- Cable Transit (MCT)	CMP			UK
Electrical	Electrical Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	ROXTEC			SWEDEN
Electrical	Electrical Bulk Material	Cable Accessories	Cable Lug and Ferule	AMP (BY TYCO ELECTRONICS)			USA
Electrical	Electrical Bulk Material	Cable Accessories	Cable Lug and Ferule	BURNDY			USA
Electrical	Electrical Bulk Material	Cable Accessories	Cable Lug and Ferule	PANDUIT			SINGAPORE / USA
Electrical	Electrical Bulk Material	Cable Accessories	Cable Lug and Ferule	THOMAS & BETTS (T&B)-ABB		Cable lug, Ferule, Ring termination, etc.	USA
Electrical	Electrical Bulk Material	Cable Accessories	Wire Marker (cable Marker)	CRITCHLEY		Acceptable ranges: - Indoor installation - Maring individual conductors	UK
Electrical	Electrical Bulk Material	Cable Accessories	Wire Marker (cable Marker)	HELLERMANNTYTON			SINGAPORE / UK
Electrical	Electrical Bulk Material	Cable Accessories	Wire Marker (cable Marker)	PANDUIT			SINGAPORE / USA
Electrical	Electrical Bulk Material	Cable Accessories	Wire Marker (cable Marker)	THOMAS & BETTS (T & B)-ABB			USA
Electrical	Electrical Bulk Material	Cable Tray	Cable tray-GRP	COOPER B-LINE			USA
Electrical	Electrical Bulk Material	Cable Tray	Cable tray-GRP	EBO SYSTEMS			FRANCE
Electrical	Electrical Bulk Material	Cable Tray	Cable tray-GRP	INTRALINK			MALAYSIA
Electrical	Electrical Bulk Material	Cable Tray	Cable tray-GRP	OGLAEND			MALAYSIA
Electrical	Electrical Bulk Material	Cable Tray	Cable tray-GRP	TRISTAR			MALAYSIA / SINGAPORE
Electrical	Electrical Bulk Material	Lighting fixture and Flood light	Eex'de' Light Fixtures (Fluorescent) /Flood light	CHALMIT LIGHTING		Acceptable ranges:- Zone 1,2 fluorescent fixtures- Zone 1,2 floodlight fixtures- Manufactured in UK plant	UK
Electrical	Electrical Bulk Material	Lighting fixture and Flood light	Eex'de' Light Fixtures (Fluorescent) /Flood light	COOPER CROUSE-HINDS GmbH (CEAG)		Acceptable based on:- Manufactured in Germany, Romania, Spain and UK per ATEX BVS 14 ATEX ZQS/E332 - Zone 1,2 Ex fluorescent fixtures- Zone 1.2 Ex fluorescent fixtures with NiCd battery- Zone 1 ,2 Ex HPS floodlight fixtures	GERMANY / SPAIN / UK
Electrical	Electrical Bulk Material	Lighting fixture and Flood light	Eex'de' Light Fixtures (Fluorescent) /Flood light	DTS		Technical acceptable for product ranges of:1. Zone 1,2 Ex fluorescent fixtures2. Zone 1.2 Ex fluorescent fixtures with NiCd battery3. Zone 1 ,2 Ex HPS floodlight fixtures	FRANCE
Electrical	Electrical Bulk Material	Lighting fixture and Flood light	Eex'de' Light Fixtures (Fluorescent) /Flood light	GLAMOX ASA			EUROPE / NORWAY
Electrical	Electrical Bulk Material	Lighting fixture and Flood light	Eex'de' Light Fixtures (Fluorescent) /Flood light	ABB			EUROPE
Electrical	Electrical Bulk Material	Pushbutton	Pushbutton	ABB			EUROPE
Electrical	Electrical Bulk Material	Pushbutton	Pushbutton	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Electrical	Electrical Bulk Material	Pushbutton	Pushbutton	MEDC			UK
Electrical	Electrical Bulk Material	Pushbutton	Pushbutton	STAHL			GERMANY / NETHERLANDS
Electrical	Electrical Bulk Material	Socket Outlets & Plugs (Ex)	Socket Outlets & Plugs (Ex)	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Electrical	Electrical Bulk Material	Socket Outlets & Plugs (Ex)	Socket Outlets & Plugs (Ex)	DTS			FRANCE
Electrical	Electrical Bulk Material	Socket Outlets & Plugs (Ex)	Socket Outlets & Plugs (Ex)	STAHL			GERMANY / NETHERLANDS
Electrical	Electrical Bulk Material	Socket Outlets & Plugs (Ex)	Socket Outlets & Plugs (Ex)	LEGRAND			FRANCE
Electrical	Electrical Bulk Material	Terminal Blocks	Terminal Blocks	PHEOENIX CONTACT			EUROPE
Electrical	Electrical Bulk Material	Terminal Blocks	Terminal Blocks	WEIDMULLER INTERFACE (KLIPPON)			GERMANY
Electrical	Electrical Equipment	AC Distribution Panel	AC Distribution Panel	ORGA			NETHERLANDS
Electrical	Electrical Equipment	AC Distribution Panel	AC Distribution Panel	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Electrical	Electrical Equipment	AC Distribution Panel	AC Distribution Panel	STAHL			GERMANY / NETHERLANDS
Electrical	Electrical Equipment	AC&DC UPS	AC&DC UPS	AEG		Non-Ex	GERMANY / SINGAPORE
Electrical	Electrical Equipment	AC&DC UPS	AC&DC UPS	ORGA		EXd or EXe / SS or CS / Size depends on specific power	NETHERLANDS
Electrical	Electrical Equipment	AC&DC UPS	AC&DC UPS	SCHNEIDER ELECTRIC		MGE and GUTOR brands are accepted (Non-EX)	MALAYSIA / SWITZERLAND
Electrical	Electrical Equipment	AC&DC UPS	AC&DC UPS	Swift Energy			SINGAPORE
Electrical	Electrical Equipment	Battery and Battery Box	Battery Box C/W Batteries (EX Certified)	ELECTROMACH BV			NETHERLANDS
Electrical	Electrical Equipment	Battery and Battery Box	Battery Box C/W Batteries (EX Certified)	ORGA			NETHERLANDS
Electrical	Electrical Equipment	Battery and Battery Box	Battery Box C/W Batteries (EX Certified)	Swift Energy			SINGAPORE
Electrical	Electrical Equipment	Battery and Battery Box	Battery Box C/W Batteries (EX Certified)	TIDELAND/ TIDELAND SIGNAL PTE LTD			SINGAPORE / USA
Electrical	Electrical Equipment	Battery and Battery Box	Battery Box C/W Batteries (EX Certified)	CHLORIDE			FRANCE
Electrical	Electrical Equipment	Beacon/Flahsing Beacon	Beacon/Flahsing Beacon	AE&T			FRANCE
Electrical	Electrical Equipment	Beacon/Flahsing Beacon	Beacon/Flahsing Beacon	Orga			NETHERLANDS
Electrical	Electrical Equipment	Beacon/Flahsing Beacon	Beacon/Flahsing Beacon	MEDC			UK
Electrical	Electrical Equipment	DC Distribution Panel	DC Distribution Panel	ORGA			NETHERLANDS
Electrical	Electrical Equipment	DC Distribution Panel	DC Distribution Panel	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Electrical	Electrical Equipment	DC Distribution Panel	DC Distribution Panel	STAHL			GERMANY / NETHERLANDS
Electrical	Electrical Equipment	DC Distribution Panel	DC Distribution Panel	Swift Energy			SINGAPORE
Electrical	Electrical Equipment	Electrical Protection	Circuit Breakers, Contractors, AUX, Relays, Protective Relays, Fuses, etc	ABB		For China, accept only for the following devices: - - Miniature circuit breaker - Auxiliary relay - Fuse - Terminal	EUROPE
Electrical	Electrical Equipment	Electrical Protection	Circuit Breakers, Contractors, AUX, Relays, Protective Relays, Fuses, etc	COOPER CROUSE-HINDS GMBH (CEAG)		For China, accept only for the following devices: - - Miniature circuit breaker - Auxiliary relay - Fuse - Terminal	GERMANY / SPAIN / UK
Electrical	Electrical Equipment	Electrical Protection	Circuit Breakers, Contractors, AUX, Relays, Protective Relays, Fuses, etc	SCHNEIDER ELECTRIC		For China, accept only for the following devices: - - Miniature circuit breaker - Auxiliary relay - Fuse - Terminal	MALAYSIA / SWITZERLAND

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Electrical	Electrical Equipment	Electrical Protection	Circuit Breakers, Contractors, AUX, Relays, Protective Relays, Fuses, etc	SIEMENS		For China, accept only for the following devices: - - Miniature circuit breaker - Auxiliary relay - Fuse - Terminal	GERMANY / CHINA
Electrical	Electrical Equipment	Electrical Protection	Circuit Breakers, Contractors, AUX, Relays, Protective Relays, Fuses, etc	STAHL		For China, accept only for the following devices: - - Miniature circuit breaker - Auxiliary relay - Fuse - Terminal	GERMANY / NETHERLANDS
Electrical	Electrical Equipment	Electrical Protection	Earth Fault Monitoring System / Over under voltage and frequency protection	ABB			EUROPE
Electrical	Electrical Equipment	Electrical Protection	Earth Fault Monitoring System / Over under voltage and frequency protection	STAHL			GERMANY / NETHERLANDS
Electrical	Electrical Equipment	Electrical Protection	Earth Fault Monitoring System / Over under voltage and frequency protection	BENDER		Electrical Circuit protection	GERMANY
Electrical	Electrical Equipment	Electrical Protection	Earth Fault Monitoring System / Over under voltage and frequency protection	WeidMuller			GERMANY/ INDIA
Electrical	Electrical Equipment	Electrical Protection	Earth Fault Monitoring System / Over under voltage and frequency protection	TELEMECANIQUE			EUROPE
Electrical	Electrical Equipment	Electrical Protection	Earth Fault Monitoring System / Over under voltage and frequency protection	SCHNEIDER ELECTRIC			MALAYSIA / SWITZERLAND
Electrical	Electrical Equipment	Navigation Aids Systems	Vent Alarm System, Flashing Beacon, Navaid Lantern and Central Control Panel	ORGA			NETHERLANDS
Electrical	Electrical Equipment	Navigation Aids Systems	Vent Alarm System, Flashing Beacon, Navaid Lantern and Central Control Panel	TIDELAND			SINGAPORE / USA
Electrical	Electrical Equipment	Solar Power System	Solar Panel	BP SOLAR			UK
Electrical	Electrical Equipment	Solar Power System	Solar Panel	ORGA		EXd or EXe / SS or CS / Size depends on specific power	NETHERLANDS
Electrical	Electrical Equipment	Solar Power System	Solar Panel	SHELL SOLAR PANEL			
Electrical	Electrical Equipment	Solar Power System	Solar Panel	TIDELAND			SINGAPORE / USA
Electrical	Electrical Equipment	Solar Power System	Solar Panel	Swift Energy			SINGAPORE
Electrical	Electrical Equipment	Solar Power System	Solar Power System Packager	ORGA			NETHERLANDS
Electrical	Electrical Equipment	Solar Power System	Solar Power System Packager	TIDELAND			SINGAPORE / USA
Electrical	Electrical Equipment	Solar Power System	Solar Power System Packager	GENTHERM GLOBAL POWER TECHNOLOGY			CANADA
Electrical	Electrical Equipment	Solar Power System	Solar Power System Packager	Swift Energy			SINGAPORE
Electrical	Electrical Equipment	Thermoelectric Generator	Thermoelectric Generator	GENTHERM GLOBAL POWER TECHNOLOGY		Acceptable ranges: 1) 100 watts at 24Vdc model 2) Solar system and battery for hybrid power supply system are subjected to other manufacturers as listed on AML.	CANADA
Electrical	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Electrical	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	ROSE			GERMANY
Electrical	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	BARTEC GmbH			GERMANY
Electrical	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	STAHL			GERMANY / NETHERLANDS
Electrical	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	ROSE			GERMANY
Electrical	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	BARTEC GmbH			GERMANY
Electrical	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	COOPER CROUSE-HINDS GmbH (CEAG)		Acceptable based on: - Manufactured in Germany, Romania, Spain and UK per ATEX BVS 14 ATEX ZQS/E332	GERMANY / SPAIN / UK
Electrical	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	KLIPPON (BY WEIDMULLER INTERFACE GmbH)			GERMANY
Electrical	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	LEGRAND ATX			FRANCE
Electrical	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	STAHL			GERMANY / NETHERLANDS
CP & AC Mitigation system							
Electrical	CP & AC Mitigation System	Transformer Rectifier Unit	Transformer Rectifier Unit	Univeral			USA
Electrical	CP & AC Mitigation System	Transformer Rectifier Unit	Transformer Rectifier Unit	Corpro			USA
Electrical	CP & AC Mitigation System	Transformer Rectifier Unit	Transformer Rectifier Unit	Wison & Walton			UK
Electrical	CP & AC Mitigation System	Transformer Rectifier Unit	Transformer Rectifier Unit	CP Tech			Singapore
Electrical	CP & AC Mitigation System	Signal Converter	Signal Converter for CP Online	JH 5000			USA
Electrical	CP & AC Mitigation System	DC Decoupler	Solid State Type	Dairy Land Etectrical Industries			USA
Electrical	CP & AC Mitigation System	DC Decoupler	Solid State Type	DEHN			GERMANY
Instrument							
Instrument	Enclosure / Junction Box	Cabinet	Cabinet	RITTAL GmbH			GERMANY
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	ROSE			GERMANY
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	BARTEC GmbH			GERMANY
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	STAHL			GERMANY / NETHERLANDS
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	BARTEC GmbH			GERMANY
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	ROSE			GERMANY
Instrument	Enclosure / Junction Box	Flameproof Enclosure (Ex'd)	Flameproof Enclosure (Ex'd)	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	ROSE			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	BARTEC GmbH			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	KLIPPON (BY WEIDMULLER INTERFACE GmbH)			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	LEGRAND ATX			FRANCE
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	STAHL			GERMANY / NETHERLANDS
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	ALLOY THAILAND			#N/A
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	STAHL			GERMANY / NETHERLANDS
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	LEGRAND ATX			FRANCE
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	WEIDMULLER INTERFACE (KLIPPON)			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	COOPER CROUSE-HINDS GmbH (CEAG)		Acceptable based on: - Manufactured in Germany, Romania, Spain and UK per ATEX BVS 14 ATEX ZQS/E332	GERMANY / SPAIN / UK
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	BARTEC GmbH			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	ROSE			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	ROSE			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	BARTEC GmbH			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	COOPER CROUSE-HINDS GmbH (CEAG)		Acceptable based on: - Manufactured in Germany, Romania, Spain and UK per ATEX BVS 14 ATEX ZQS/E332	GERMANY / SPAIN / UK
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	KLIPPON (BY WEIDMULLER INTERFACE GmbH)			GERMANY
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	LEGRAND ATX			FRANCE
Instrument	Enclosure / Junction Box	Junction Boxes (Ex'e)	Junction Boxes (Ex'e)	STAHL			GERMANY / NETHERLANDS
Instrument	Fire and gas equipment	Addressible fire detection system	Addressible fire detection system	DET-TRONICS			
Instrument	Fire and gas equipment	Addressible fire detection system	Addressible fire detection system	Autronica			
Instrument	Fire and gas equipment	Addressible fire detection system	Addressible fire detection system	Fire-Lite (Honeywell)			
Instrument	Fire and gas equipment	Fire and gas detector	VESDA	Xtralis			
Instrument	Fire and gas equipment	Fire and gas detector	H2 gas detector	GENERAL MONITORS			
Instrument	Fire and gas equipment	Fire and gas detector	H2 gas detector	DET-TRONICS			
Instrument	Fire and gas equipment	Fire and gas detector	H2 gas detector	Honeywell			
Instrument	Fire and gas equipment	Fire and gas detector	H2 gas detector	Draeger			
Instrument	Fire and gas equipment	Fire and gas detector	Acoustic gas detector	GENERAL MONITORS			
Instrument	Fire and gas equipment	Fire and gas detector	Acoustic gas detector	DET-TRONICS			
Instrument	Fire and gas equipment	Fire and gas detector	Heat detector	Kidde-Fenwal			
Instrument	Fire and gas equipment	Fire and gas detector	Heat detector	Autronica			
Instrument	Fire and gas equipment	Deluge Valve	Deluge Valve	Inbal Valves			
Instrument	Fire and gas equipment	Deluge Valve	Deluge Valve	Wormald			
Instrument	Fire and gas equipment	Deluge Valve	Deluge Valve	Tyco			
Instrument	Fire and gas equipment	Deluge Valve	Deluge Valve	Cla-Val			
Instrument	Fire and gas equipment	Deluge Valve	Deluge Valve	Bermad			
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Open Path, IR Based	DET-TRONICS			USA
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Open Path, IR Based	DRAEGER PLMS			GERMANY
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Open Path, IR Based	GENERAL MONITORS			USA
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Open Path, IR Based	HONEYWELL SIEGER ZELLWEGER			USA
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Point, IR Based	DET-TRONICS			USA
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Point, IR Based	DRAEGER			GERMANY
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Point, IR Based	GENERAL MONITORS			USA
Instrument	Fire and gas equipment	Detector	Combustible Gas Detector - Point, IR Based	HONEYWELL SIEGER ZELLWEGER			USA
Instrument	Fire and gas equipment	ESD Button / Station	ESD Button / Station	MEDC			UK
Instrument	Fire and gas equipment	ESD Button / Station	ESD Button / Station	BARTEC GmbH			GERMANY
Instrument	Fire and gas equipment	ESD Button / Station	ESD Button / Station	STAHL			GERMANY / NETHERLANDS
Instrument	Fire and gas equipment	ESD Button / Station	ESD Button / Station	TELEMECANIQUE			EUROPE
Instrument	Fire and gas equipment	Fusible Plug Loop	Fusible Plug Loop	SIGMA VALVE			USA
Instrument	Fire and gas equipment	Fusible Plug Loop	Fusible Plug Loop	SWAGELOK			USA
Instrument	Instrument Bulk Material	Cable	Instrument cables	BELDEN			USA
Instrument	Instrument Bulk Material	Cable	Instrument cables	MCI-Draka-Prysmian			NORWAY / ITALY / THAILAND
Instrument	Instrument Bulk Material	Cable	Instrument cables	NEXANS			FRANCE / KOREA
Instrument	Instrument Bulk Material	Cable	Instrument cables	PIRELLI			ITALY / THAILAND

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Instrument	Instrument Bulk Material	Cable	Instrument cables	TRIANGLE CABLE			AUSTRALIA / THAILAND
Instrument	Instrument Bulk Material	Cable Accessories	Cable Glands	CEAG			GERMANY
Instrument	Instrument Bulk Material	Cable Accessories	Cable Glands	CMP			UK
Instrument	Instrument Bulk Material	Cable Accessories	Cable Glands	HAWKE			UK
Instrument	Instrument Bulk Material	Cable Accessories	Cable Glands	STAHL			GERMANY / NETHERLANDS
Instrument	Instrument Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	HAWKE			UK
Instrument	Instrument Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	MCT BRATTBERG			SWEDEN
Instrument	Instrument Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	ROXTEC			SWEDEN
Instrument	Instrument Bulk Material	Cable Accessories	Multi Cable Transits (MCT)	CMP			UK
Instrument	Instrument Bulk Material	Cable Tray	Cable tray-GRP	COOPER B-LINE			USA
Instrument	Instrument Bulk Material	Cable Tray	Cable tray-GRP	EBO SYSTEMS			FRANCE
Instrument	Instrument Bulk Material	Cable Tray	Cable tray-GRP	INTRALINK			MALAYSIA
Instrument	Instrument Bulk Material	Cable Tray	Cable tray-GRP	OGLAEND			MALAYSIA
Instrument	Instrument Bulk Material	Cable Tray	Cable tray-GRP	TRISTAR			MALAYSIA / SINGAPORE
Instrument	Instrument Bulk Material	Pushbutton	Pushbutton	ABB			EUROPE
Instrument	Instrument Bulk Material	Pushbutton	Pushbutton	CEAG			GERMANY
Instrument	Instrument Bulk Material	Pushbutton	Pushbutton	MEDC			UK
Instrument	Instrument Bulk Material	Pushbutton	Pushbutton	STAHL			GERMANY / NETHERLANDS
Instrument	Instrument Bulk Material	Terminal Blocks	Terminal Blocks	PHEONIX CONTACT			GERMANY
Instrument	Instrument Bulk Material	Terminal Blocks	Terminal Blocks	WEIDMULLER INTERFACE (KLIPPON)			GERMANY
Instrument	Instrument Bulk Material	Tube Clamp	Tube Clamp (Anti Corrosion Type)	OGLAEND SYSTEM			NORWAY
Instrument	Instrument Bulk Material	Tube Clamp	Tube Clamp (Anti Corrosion Type)	PARKER			USA
Instrument	Instrument Bulk Material	Tube Clamp	Tube Clamp (Anti Corrosion Type)	STAUFF			USA/GERMANY
Instrument	Instrument Bulk Material	Tube Clamp	Tube Clamp (Anti Corrosion Type)	SWAGELOK			USA
Instrument	Instrument Bulk Material	Tube Clamp	Tube Clamp (Anti Corrosion Type)	Panduit			SINGAPORE / USA
Instrument	Instrument Bulk Material	Tube Fittings	Tube Fittings	SWAGELOK			USA
Instrument	Instrument Bulk Material	Tubing	Tube	SANDVIK			SWEDEN
Instrument	Instrument Bulk Material	Tubing	Tube	PARKER			USA
Instrument	Instrument Bulk Material	Tubing Tray	Tubing Tray (Stainless Steel)	SCI			THAILAND
Instrument	Instrument Bulk Material	Tubing Tray	Tubing Tray (Stainless Steel)	INTRALINK			MALAYSIA
Instrument	Instrument Bulk Material	Tubing Tray	Tubing Tray (Stainless Steel)	OGLAEND SYSTEM			NORWAY
Instrument	Instrument Bulk Material	Tubing Tray	Tubing Tray (Stainless Steel)	EBO SYSTEMS			FRANCE
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Audible Alarm (Electric)	CEAG			GERMANY
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Audible Alarm (Electric)	MEDC			UK
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Converter 24VDC to 230VAC	ABB			EUROPE
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Converter 24VDC to 230VAC	PHEONIX CONTACT			GERMANY
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Converter 24VDC to 230VAC	ASP			
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Converter 24VDC to 230VAC	WEIDMULLER			GERMANY/ INDIA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	HMI Hardware (For main Control Equipment Only)	ALLEN BRADLEY (ROCKWELL AUTOMATION)			USA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	HMI Sofware (For main Control Equipment Only)	ALLEN BRADLEY (ROCKWELL AUTOMATION)			USA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Integrated Control and Safety System (ICSS)	YOKOGAWA			JAPAN
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Integrated Control and Safety System (ICSS)	DELTAV (EMERSON)			
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Intrinsic Safety Barriers/Isolators	MTL			UK
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Intrinsic Safety Barriers/Isolators	PEPPERL&FUCHS			GERMANY
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Key Switches	CEAG			GERMANY
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Key Switches	CROUSE HINDS			USA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Key Switches	LEGRAND			FRANCE
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Key Switches	STAHL			GERMANY / NETHERLANDS
Instrument	Instrument Equipment	Control System, Equipments and Accessories	PLC	ALLEN BRADLEY (ROCKWELL AUTOMATION)			USA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	PLC	SIEMENS			
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Safety Relays / Ex Relay	ABB			EUROPE
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Safety Relays / Ex Relay	PHEONIX CONTACT			GERMANY
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Safety Relays / Ex Relay	BARTEC GmbH			GERMANY
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Safety Relays / Ex Relay	SIEMENS			GERMANY / CHINA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	SCADA System	INVENSYS (WONDERWARE)			
Instrument	Instrument Equipment	Control System, Equipments and Accessories	SCADA System	YOKOGAWA			JAPAN
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Intrinsic Safety Barriers/Isolators	MOORE			USA
Instrument	Instrument Equipment	Control System, Equipments and Accessories	Audible Alarm (Electric)	COOPER CROUSE-HINDS GmbH (CEAG)			GERMANY / SPAIN / UK
Instrument	Instrument Equipment	Control System, Equipments and Accessories	HIPPS System	MOKVELD			Netherlands
Instrument	Instrument Equipment	Control System, Equipments and Accessories	HIPPS System	Orion			
Instrument	Instrument Equipment	Flow Measurement	Coriolis Flow Meter	MICRO MOTIONS (EMERSON)		Coriolis Mass Flow Meter	USA
Instrument	Instrument Equipment	Flow Measurement	Flow Switch	FCI			USA
Instrument	Instrument Equipment	Flow Measurement	Flow Switch	FISHER (BY EMERSON PROCESS MANAGEMENT)			USA
Instrument	Instrument Equipment	Flow Measurement	Flow Switch	KROHNE			GERMANY
Instrument	Instrument Equipment	Flow Measurement	Flow Switch	Yokogawa			JAPAN
Instrument	Instrument Equipment	Flow Measurement	Flow Switch	MAGNETROL			USA
Instrument	Instrument Equipment	Flow Measurement	Flow Switch	SOR			FRANCE
Instrument	Instrument Equipment	Flow Measurement	Pressure/ DP/ Flow/ Temperature Transmitter C/W RTD & Thermowells	ROSEMOUNT (BY EMERSON PROCESS MANAGEMENT)			USA
Instrument	Instrument Equipment	Flow Measurement	Pressure/ DP/ Flow/ Temperature Transmitter C/W RTD & Thermowells	YOKOGAWA	Manifold Valve and accessory which use for transmitter shall refer this Exhibit J		JAPAN
Instrument	Instrument Equipment	Flow Measurement	Water Cut Meter	PHASE DYNAMICS			USA
Instrument	Instrument Equipment	Flow Measurement	Water Cut Meter	ROXAR			NORWAY
Instrument	Instrument Equipment	Metering System	Ultrasonic Meter	DANIEL (BY EMERSON PROCESS MANAGEMENT)			USA
Instrument	Instrument Equipment	Metering System	Ultrasonic Meter	Cameron			USA
Instrument	Instrument Equipment	Metering System	Ultrasonic Meter	KROHNE			Denmark
Instrument	Instrument Equipment	Metering System	Ultrasonic Meter	Sick Maihak			Germany
Instrument	Instrument Equipment	Metering System	Ultrasonic Meter	Elster-Instromet (Honeywell)			
Instrument	Instrument Equipment	Metering System	Turbine Meter	Elster-Instromet			Denmark
Instrument	Instrument Equipment	Metering System	Turbine Meter	RMG			Denmark
Instrument	Instrument Equipment	Metering System	Turbine Meter	Vemm Tec			Denmark
Instrument	Instrument Equipment	Metering System	Turbine Meter	FMG			Netherlands
Instrument	Instrument Equipment	Metering System	Turbine Meter	DRESSER / CONSOLIDATED			Germany
Instrument	Instrument Equipment	Metering System	Flow Computers	DANIEL (BY EMERSON PROCESS MANAGEMENT)	S600+		USA
Instrument	Instrument Equipment	Metering System	Flow Computers	Spirit	Flow-X		Netherlands
Instrument	Instrument Equipment	Metering System	Flow Conditioner	EMERSON			USA
Instrument	Instrument Equipment	Metering System	Flow Conditioner	CPA			CANADA
Instrument	Instrument Equipment	Metering System	Volume Corrector	Elster-Instromet			Denmark
Instrument	Instrument Equipment	Metering System	Volume Corrector	Itron			France, Denmark
Instrument	Instrument Equipment	Level Measurement	DP Level Transmitter	ROSEMOUNT (EMERSON)	3051CD Series or better		USA
Instrument	Instrument Equipment	Level Measurement	DP Level Transmitter	YOKOGAWA	EJA110E Series or better		JAPAN
Instrument	Instrument Equipment	Level Measurement	Level Gauge - Magnetic w/ Transmitter	JERGUSON- CLARK RELIANCE			USA
Instrument	Instrument Equipment	Level Measurement	Level Gauge - Magnetic w/ Transmitter	KLINGER			AUSTRALIA / SWITZERLAND / UK
Instrument	Instrument Equipment	Level Measurement	Level Gauge - Magnetic w/ Transmitter	MAGNETROL	JM4 Series		USA
Instrument	Instrument Equipment	Level Measurement	Level Switch	GEORGIN			FRANCE
Instrument	Instrument Equipment	Level Measurement	Level Switch	MAGNETROL			USA
Instrument	Instrument Equipment	Level Measurement	Level Switch	SOR		Side Mount	FRANCE

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Instrument	Instrument Equipment	Level Measurement	Level Switch	Endress Hauser			
Instrument	Instrument Equipment	Limit Switches	Limit Switches	WESTLOCK (MAGNUM SERIES)			USA
Instrument	Instrument Equipment	Pig Signaler	Pig Signaler	T.D. WILLIAMSON			USA
Instrument	Instrument Equipment	Pig Signaler	Pig Signaler	G.D.ENGINEERING			UK
Instrument	Instrument Equipment	Pig Signaler	Pig Signaler	PIPELINE ENGINEERING & SUPPLY			UK
Instrument	Instrument Equipment	Orifice	Restrictive Orifice	DANIEL (BY EMERSON PROCESS)			USA
Instrument	Instrument Equipment	Orifice	Restrictive Orifice	SOLATRON ISA			UK
Instrument	Instrument Equipment	Orifice	Restrictive Orifice	Yokogawa			
Instrument	Instrument Equipment	Pressure Measurement	Differential Pressure Switch	AMOT			USA
Instrument	Instrument Equipment	Pressure Measurement	Differential Pressure Switch	ASHCROFT INC			USA
Instrument	Instrument Equipment	Pressure Measurement	Differential Pressure Switch	BAUMER GROUP			EUROPE / SWITZERLAND
Instrument	Instrument Equipment	Pressure Measurement	Differential Pressure Switch	SOR INC.			USA
Instrument	Instrument Equipment	Pressure Measurement	Diferential/Absolute Pressure Gauge / Pressure Gauge	ASHCROFT INC			USA
Instrument	Instrument Equipment	Pressure Measurement	Diferential/Absolute Pressure Gauge / Pressure Gauge	BOURDON HAENNI			EUROPE / SWITZERLAND
Instrument	Instrument Equipment	Pressure Measurement	Differential/Absolute Pressure Gauge / Pressure Gauge	WIKA			GERMANY / SINGAPORE
Instrument	Instrument Equipment	Pressure Measurement	Gauge/Diferential/Absolute Pressure Transmitter (Electric HART/Ff)	ROSEMOUNT (EMERSON)			USA
Instrument	Instrument Equipment	Pressure Measurement	Gauge/Diferential/Absolute Pressure Transmitter (Electric HART/Ff)	YOKOGAWA			JAPAN
Instrument	Instrument Equipment	Pressure Measurement	Pressure Switch	BWB CONTROLS			USA
Instrument	Instrument Equipment	Pressure Measurement	Pressure Switch	DELTA-CONTROLS			USA
Instrument	Instrument Equipment	Pressure Measurement	Pressure Switch	GEORGIN			FRANCE
Instrument	Instrument Equipment	Pressure Measurement	Pressure Switch	SOR			FRANCE
Instrument	Instrument Equipment	Pressure Measurement	Pressure Switch	ASHCROFT			USA
Instrument	Instrument Equipment	Pressure Measurement	Pressure Switch	RUELCO			USA
Instrument	Instrument Equipment	Pressure Measurement	Pressure Transmitter (Electronic)	ROSEMOUNT (BY EMERSON PROCESS MANAGEMENT)	3051T or 3051G series or better		USA
Instrument	Instrument Equipment	Pressure Measurement	Pressure Transmitter (Electronic)	YOKOGAWA	EJA530E series or better		JAPAN
Instrument	Instrument Equipment	Pressure Measurement	Differential Pressure Transmitter	ROSEMOUNT (BY EMERSON PROCESS MANAGEMENT)			USA
Instrument	Instrument Equipment	Pressure Measurement	Differential Pressure Transmitter	YOKOGAWA			JAPAN
Instrument	Instrument Equipment	Temperature Measurement	Bimetallic Temperature Gauge w/ thermowell	ASHCROFT			USA
Instrument	Instrument Equipment	Temperature Measurement	Bimetallic Temperature Gauge w/ thermowell	BERGER SA			FRANCE
Instrument	Instrument Equipment	Temperature Measurement	Bimetallic Temperature Gauge w/ thermowell	BOURDON HAENNI			EUROPE / SWITZERLAND
Instrument	Instrument Equipment	Temperature Measurement	Bimetallic Temperature Gauge w/ thermowell	RUEGER			SWITZERLAND
Instrument	Instrument Equipment	Temperature Measurement	Bimetallic Temperature Gauge w/ thermowell	WIKA			GERMANY / SINGAPORE
Instrument	Instrument Equipment	Temperature Measurement	Temperature Sensor Transmitter / Thermowell	ROSEMOUNT (BY EMERSON PROCESS MANAGEMENT)	3144P Series or better		USA
Instrument	Instrument Equipment	Temperature Measurement	Temperature Sensor Transmitter / Thermowell	YOKOGAWA (by WIKA and YAMARI)	YTA710 Series or better		JAPAN
Instrument	Instrument Equipment	Temperature Measurement	Temperature Transmitter w/Temperature Element (RTD or Thermocouple)	ROSEMOUNT (EMERSON)	3144P Series or better		USA
Instrument	Instrument Equipment	Temperature Measurement	Temperature Transmitter w/Temperature Element (RTD or Thermocouple)	YOKOGAWA (by WIKA and YAMARI)	YTA710 Series or better		JAPAN
Instrument	Instrument Equipment	Terminals	Terminals	PHEONIX CONTACT			GERMANY
Instrument	Instrument Equipment	Terminals	Terminals	WEIDMULLER INTERFACE (KLIPPON)			GERMANY
Instrument	Instrument Equipment	Gas Analyzer	Online Gas Chromatopraph	EMERSON	500 Series		USA
Instrument	Instrument Equipment	Gas Analyzer	Online Gas Chromatopraph	ABB	NGC 8206		USA
Instrument	Instrument Equipment	Gas Analyzer	Moisture Analyzer	Spectra Sensor	SS2000		USA
Instrument	Instrument Equipment	Gas Analyzer	Moisture Analyzer	Ametek	5100 and 5100HD		USA
Instrument	Instrument Equipment	Gas Analyzer	Gas Sampling Probe	Welker	IRA		USA
Instrument	Instrument Equipment	Gas Analyzer	Gas Sampling Probe	Genie	702		UK
Instrument	Sand Monitor System	Sand Monitor	Sand Monitor	CLAMPON			NORWAY
Instrument	Sand Monitor System	Sand Monitor	Sand Monitor	ROXAR (FLUENTA)			NORWAY
Instrument	System	PLC	PLC (For Process Control)	ALLEN BRADLEY (ROCKWELL)			USA
Instrument	System	PLC	PLC (For Process Control)	SIEMENS			
Instrument	System	PLC	PLC (For Safety Control)	ALLEN BRADLEY (ROCKWELL)			USA
Instrument	System	PLC	PLC (For Safety Control)	SIEMENS			
Instrument	System	PLC	SCADA System	HONEYWELL			USA
Instrument	Valve	Actuator	Electric Actuator	BIFFI			Italy
Instrument	Valve	Actuator	Electric Actuator/ Pneumatic Actuator	BETTIS			USA / UK
Instrument	Valve	Actuator	Electric Actuator/ Pneumatic Actuator	ROTORK			UK
Instrument	Valve	Actuator	Pneumatic Actuator	LEDEEN			Italy / USA
Instrument	Valve	Actuator	Pneumatic Actuator	Shafer			USA
Instrument	Valve	Actuator	Gas Over Oil Actuator	Shafer			USA
Instrument	Valve	Actuator	Gas Over Oil Actuator	Rotork			Italy / UK
Instrument	Valve	Actuator	Gas Over Oil Actuator	Schuck			Germany
Instrument	Valve	Actuator	Gas Over Oil Actuator	BETTIS			USA / UK
Instrument	Valve	Actuator	Gas Over Oil Actuator	Pro Control			Italy
Instrument	Valve	Actuator	Gas Over Oil Actuator	DVG			Italy
Instrument	Valve	Actuator	Gas Over Oil Actuator	Biffi			Italy
Instrument	Valve	Control Valves	Control Valves - Globe	FISHER (EMERSON)			USA
Instrument	Valve	Control Valves	Control Valves - Globe	FLOWSERVE PTE LTD			USA
Instrument	Valve	Control Valves	Pressure/Flow Control	AZBIL			Japan
Instrument	Valve	Control Valves	Pressure/Flow Control	MASONEILAN			USA
Instrument	Valve	Control Valves	Pressure/Flow Control	BECKER			USA
Instrument	Valve	Control Valves	Pressure/Flow Control	MOKVELD			Netherlands
Instrument	Valve	Control Valves	Positioner	FISHER (EMERSON)			USA
Instrument	Valve	Control Valves	Positioner	FLOWSERVE PTE LTD			USA
Instrument	Valve	Control Valves	Pressure Regulator / Gas Filter	NORGREN			USA
Instrument	Valve	Control Valves	Pressure Regulator / Gas Filter	FISHER (EMERSON)			USA
Instrument	Valve	Control Valves	Pressure Regulator	PIETRO FIORENTINI			Italy
Instrument	Valve	Control Valves	Pressure Regulator	RMG			Germany
Instrument	Valve	Control Valves	Pressure Regulator	FISHER			USA / Japan
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	HOKE			USA
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	OLIVER			UK
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	PARKER HANIFFIN			UK
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	SWAGELOK			USA
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	VIMEC			ITALY
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	AS-Schneider			Germany
Instrument	Valve	Instrument Valve	Instrument Isolation Valve (Ball Type) ,Manifold Valve /DBB /Monoflange	ALCO HI-TEK			UK
Instrument	Valve	Pressure control valve (PCV)	Pressure control valve (PCV)	FISHER (EMERSON)			USA
Instrument	Valve	Pressure control valve (PCV)	Pressure control valve (PCV)	NORGREN			USA
Instrument	Valve	Safety Valve	Safety Relief Valve	ANDERSON GREENWOOD (TYCO)			USA
Instrument	Valve	Safety Valve	Safety Relief Valve	CROSBY (TYCO)			USA
Instrument	Valve	Safety Valve	Safety Relief Valve	DRESSER / CONSOLIDATED			USA
Instrument	Valve	Safety Valve	Safety Relief Valve	FARRIS			USA
Instrument	Valve	Safety Valve	Safety Relief Valve	IMI BAILEY BIRKETT			UK
Instrument	Valve	Safety Valve	Small Safety Relief Valve	NUPRO (BY SWAGELOK)			USA
Instrument	Valve	Safety Valve	Small Safety Relief Valve	SIGMA VALVE			USA
Instrument	Valve	Safety Valve	Small Safety Relief Valve	SWAGELOK			USA
Instrument	Valve	Solenoid	Solenoid Valves	ASCO (EMERSON)			USA
Instrument	Valve	Solenoid	Solenoid Valves	Bifold			
Instrument	Valve	Solenoid	Solenoid Valves	VERSA			USA
Mechanical	**Please see more detail in Annex 2 for List of Approved Packager and Supplier for Mechanical Equipment and Packaged**						
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Quick Opening Closure for Pig launcher/Receiver	G.D.ENGINEERING			UK
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Quick Opening Closure for Pig launcher/Receiver	PIPELINE ENGINEERING & SUPPLY			UK
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Quick Opening Closure for Pig launcher/Receiver	T.D. WILLIAMSON			USA
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	ALPHA ECC JSC			VIETNAM

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	AMALGAMATED METAL CORPORATION (M) SDN. BHD			MALAYSIA
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	APPLIED ENGINEERING PTE., LTD			SINGAPORE
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	Asturi Metal Builders (M) Sdn Bhd			MALAYSIA
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	BKT. FRASER			MALAYSIA
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	BT ENGINEERING PTE LTD			SINGAPORE
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	GD Engineering			UK
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	MECHMAR KEPPEL ENGINEERING SDN BHD			MALAYSIA
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	MSET Engineering Sdn Bhd			MALAYSIA
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	PVD TECH			VIETNAM
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	SCOMARK			UK
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	SLOT NANKAI CO., LTD			THAILAND
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	TECHNICS OFFSHORE PTE LTD			SINGAPORE
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	THAI ROTARY ENGINEERING PUBLIC COMPANY LIMITED			THAILAND
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	UNIMIT ENGINEERING PLC			THAILAND
Mechanical	B31.8 Equipment	Pig Launcher/Receiver	Fabricator	VATANA PHAISAL ENGINEERING			THAILAND
Mechanical	Driver	Diesel Engine	Diesel Engine	CATERPILLAR			USA
Mechanical	Driver	Diesel Engine	Diesel Engine	PERKINS			UK
Mechanical	Driver	Diesel Engine	Diesel Engine	Cummins			USA
Mechanical	Driver	Gas Engine	Gas Engine	CATERPILLAR			USA
Mechanical	Driver	Gas Engine	Gas Engine	WAUKESHA			USA
Mechanical	Mechanical Package	Chemical Injection skid	Pump	William Milton Roy			
Mechanical	Mechanical Package	Chemical Injection skid	Pump	Haskel			
Mechanical	Mechanical Package	Chemical Injection skid	Pump	TEXSTEAM			
Mechanical	Mechanical Package	Chemical Injection skid	Packager	Multi Phase Group			Thailand
Mechanical	Mechanical Package	Chemical Injection skid	Packager	GLOBALTECH			Singapore
Mechanical	Mechanical Package	Chemical Injection skid	Packager	PKK siam			Thailand
Mechanical	Mechanical Package	Chemical Injection skid	Packager	ALLIED CALIBRATION ENG SERV SDN BHD			Malaysia
Mechanical	Mechanical Package	Chemical Injection skid	Packager	OAKWELL			Singapore
Mechanical	Mechanical Package	Close drain pump	Packager	Multi Phase Group			Thailand
Mechanical	Mechanical Package	Close drain pump	Packager	GLOBALTECH			Singapore
Mechanical	Mechanical Package	Close drain pump	Packager	PKK siam			Thailand
Mechanical	Mechanical Package	Close drain pump	Pump	Haskel			
Mechanical	Mechanical Package	Close drain pump	Pump	TEXSTEAM			
Mechanical	Mechanical Package	Close drain pump	Pump	William Milton Roy			
Mechanical	Mechanical Package	Vessel Filters	Gas Filter	Peerless			USA
Mechanical	Mechanical Package	Vessel Filters	Gas Filter	Pall			USA
Mechanical	Mechanical Package	Vessel Filters	Gas Filter	Jord			Australia
Mechanical	Mechanical Package	Vessel Filters	Gas Filter	PLENTY FILTERS (BY SPX GROUP)			UK
Mechanical	Mechanical Package	Vessel Filters	Gas Filter	FMC			USA
Mechanical	Mechanical Package	Vessel Filters	Gas Filter	VALVITALIA S.p.A.			Italy
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	SULZER			Germany
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	AMACS, USA			CANADA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	ALLEN PROCESS SYSTEM (Manufacturer)			USA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	BURGESS-MANNING			NETHERLANDS
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	CDS ENGINEERING B.V.			USA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	FMC			FRANCE
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	KVAERNER PROCESS SYSTEM			AUSTRALIA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	Mackenzie Hydrocarbons (Australia) Pty Ltd			CANADA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	MALONEY INDUSTRIES			FRANCE
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	NATCO			USA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	PETRECO INTERNATIONAL (BY CAMERON)			GERMANY
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	SULZER			USA
Mechanical	Mechanical Package	Vessel Internals	Vessel Internals	UNIVERSAL COMPRESSION		Mesh Pad/Vane Pad Extractors (for Test Separators) and Wire Mesh Demister Pads (for Utility Gas Scrubbers)	USA
Mechanical	Tanks/Drums	Tanks/Drums	Tote tank	Customs Metal Craft			UK
Mechanical	Tanks/Drums	Tanks/Drums	Tote tank	HOOVER			USA
Mechanical	Special Items	Vent Silencer	Vent silencer for Block Valve Station	Univeral AET			USA
Mechanical	Special Items	Vent Silencer	Vent silencer for Block Valve Station	E.I Williams			Canada
Mechanical	Special Items	Vent Silencer	Vent silencer for Block Valve Station	BURGRESS MANNING, INC.			USA
Mechanical	Special Items	Vent Silencer	Vent silencer for Block Valve Station	GLAUNACH GMBH			Austria
Mechanical	Special Items	Vent Silencer	Vent silencer for Block Valve Station	Stopnoise Engineering srl			Italy
Mechanical	Special Items	Vent Silencer	Vent silencer for Block Valve Station	W&P			Germany
Mechanical	Special Items	End Closure	End Closure for Gas Filter	TD Williamson			USA
Mechanical	Special Items	End Closure	End Closure for Gas Filter	GD Engineering			USA
Mechanical	Special Items	End Closure	End Closure for Gas Filter	PIPELINE ENGINEERING & SUPPLY			UK
Painting							
Painting	Onshore Painting	Painting Product	Aboveground piping/ structure	Ameron			OT
Painting	Onshore Painting	Painting Product	Aboveground piping/ structure	Carboline			OT
Painting	Onshore Painting	Painting Product	Aboveground piping/ structure	Hempel			OT
Painting	Onshore Painting	Painting Product	Aboveground piping/ structure	International Coating			OT
Painting	Onshore Painting	Painting Product	Aboveground piping/ structure	Sigmakalon			OT
Painting	Onshore Painting	Painting Product	Aboveground piping/ structure	Jotun			OT
Painting	Onshore Painting	Painting Product	Building	Jotun			OT
Painting	Onshore Painting	Painting Product	Building	TOA Chugoku			OT
Painting	Onshore Painting	Painting Product	Building	BEGER			OT
Painting	Onshore Painting	Painting Product	Building	ICI			OT
Pipeline							
Pipeline	B31.8 Material	Barred Tees	Barred Tees	COPROSIDER S.R.L.			Italy
Pipeline	B31.8 Material	Barred Tees	Barred Tees	FAD FLANG ACCIAIO & DERIVATI			Italy
Pipeline	B31.8 Material	Barred Tees	Barred Tees	TECHNOFORGE			Italy
Pipeline	B31.8 Material	Barred Tees	Barred Tees	TECTUBI RACCORDI			Italy
Pipeline	B31.8 Material	Barred Tees	Barred Tees	VIAR MECCANICA SRL			Italy
Pipeline	B31.8 Material	Barred Tees	Barred Tees	BASSI LUIGI			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	BASSI LUIGI			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	FAD FLANG ACCIAIO & DERIVATI			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	GALPERTI			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	M.E.G.A.			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	GALPERTI			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	TECHNOFORGE S.P.A.			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	VIAR S.p.A			Italy
Pipeline	B31.8 Material	FLANGES	FLANGES	Z.R. Comm			Italy
Pipeline	B31.8 Material	GASKETS	RTJ Gaskets	JAMES WALKER			UK
Pipeline	B31.8 Material	GASKETS	RTJ Gaskets	KLINGER			AUSTRALIA / SWITZERLAND / UK
Pipeline	B31.8 Material	GASKETS	RTJ Gaskets	PIKOTEK			CANADA
Pipeline	B31.8 Material	Piggable WYE	Piggable WYE	OIL STATES INDUSTRIES, INC.			USA
Pipeline	B31.8 Material	Piggable WYE	Piggable WYE	M.E.G.A.			Italy
Pipeline	B31.8 Material	Piggable WYE	Piggable WYE	TECHNOFORGE			Italy
Pipeline	B31.8 Material	Piggable WYE	Piggable WYE	VIAR MECCANICA SRL			Italy
Pipeline	Coating	Concrete Coating	Line Pipe Concrete Coating	BREDERO SHAW			CL
Pipeline	Coating	Concrete Coating	Line Pipe Concrete Coating	Welspun			CL
Pipeline	Coating	Concrete Coating	Line Pipe Concrete Coating	WASCO ENERGY			CL
Pipeline	Coating	Custom Anti-Corrosion Coating	Bend Anti-Corrosion Coating	BREDERO SHAW			NCL
Pipeline	Coating	Custom Anti-Corrosion Coating	Bend Anti-Corrosion Coating	WASCO ENERGY			NCL
Pipeline	Coating	Field Joint Coating	Field Joint Coating Service	CANUSA-CPS			ICL
Pipeline	Coating	Field Joint Coating	Field Joint Coating Service	COVALENCE - Berry Plastics Corporation			
Pipeline	Coating	Field Joint Coating	Field Joint Coating Service	ShawCor			ICL
Pipeline	Coating	Field Joint Coating	Heat Shrink Sleeve	CANUSA-CPS			ICL
Pipeline	Coating	Field Joint Coating	Heat Shrink Sleeve	COVALENCE			ICL
Pipeline	Coating	Insulation Coating	Custom Insulation Coating	BREDERO SHAW			OCL
Pipeline	Coating	Insulation Coating	Custom Insulation Coating	WASCO ENERGY			OCL
Pipeline	Coating	Insulation Coating	Line Pipe Insulation Coating	BREDERO SHAW			OCL
Pipeline	Coating	Insulation Coating	Line Pipe Insulation Coating	WASCO ENERGY			OCL
Pipeline	Coating	Line Pipe Anti-Corrosion Coating	Line Pipe Anti Corrosion Coating	BREDERO SHAW			ECL
Pipeline	Coating	Line Pipe Anti-Corrosion Coating	Line Pipe Anti Corrosion Coating	Jindal		- Source of coating materials shall be approved by PTTEP - Pending items during Audit shall be reconfirm	India
Pipeline	Coating	Line Pipe Anti-Corrosion Coating	Line Pipe Anti Corrosion Coating	Welspun			India
Pipeline	Coating	Line Pipe Anti-Corrosion Coating	Line Pipe Anti Corrosion Coating	WASCO ENERGY			Malaysia

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Pipeline	Coating	Line Pipe Anti-Corrosion Coating	Line Pipe Anti Corrosion Coating	Arcelor Mittal Nippon Steel			India
Pipeline	Coating	Splashzone Coating	EPDM and Neoprene - Hot Bond	KURIYAMA-OHJI			NCL
Pipeline	Coating	Splashzone Coating	EPDM and Neoprene - Hot Bond	TRELLEBORG			NCL
Pipeline	Coating	Underground Pipeline field joint	Liquid Epoxy	3M			USA
Pipeline	Coating	Underground Pipeline field joint	Liquid Epoxy	Powercrete			USA
Pipeline	Coating	Underground Pipeline field joint	Liquid Epoxy	CANUSA-CPS			USA
Pipeline	Coating	Underground Pipeline field joint	Liquid Epoxy	International Coating			USA
Pipeline	Coating	Underground Pipeline field joint	Coating for wrapping on Underground Valve (Mastic Coating)	Stopaq			USA
Pipeline	Coating	Underground Pipeline field joint	Coating for wrapping on Underground Valve (Mastic Coating)	Viscotaq			USA / Netherland
Pipeline	Coating	Underground Pipeline, Valve	Coating for wrapping on Underground Valve (Mastic Coating)	Polyguard	RD-6		USA
Pipeline	Coating	Underground Pipeline, Valve	Coating for wrapping on Underground Valve (Mastic Coating)	CANUSA-CPS	Wrapid Bond (WB) Wrapid Bond FST (WB-FST)		CA
Pipeline	Linepipe (ferrous)	Seamless	Seamless Carbon Steel Line Pipe	Baosteel Pipe		Approved for seamless carbon steel line pipe from hot rolling mill 460 PQF, heat treatment & non-destructive test line and pipe finishing line. Round billets O.D. 300 mm and 380 mm shall be from the steel making plant and continuous steel casting mill of Baosteel in Shanghai. However, source of round billet O.D. 450 mm for pipe NPS 16â€•shall be subjected to detail assessment and approval of PTTEP before order. Material grade and range : up to API 5L Grade X65 PSL 2 for offshore pipeline and sour service, Wall thickness up to 17.5 mm, OD up to 406 mm (NPS 16).	China (Yanti)
Pipeline	Linepipe (ferrous)	Seamless	Seamless Carbon Steel Line Pipe	JFE STEEL CORPORATION			Japan
Pipeline	Linepipe (ferrous)	Seamless	Seamless Carbon Steel Line Pipe	NSSMC			Japan
Pipeline	Linepipe (ferrous)	Seamless	Seamless Carbon Steel Line Pipe	TIANJIN PIPE CORPORATION (TPCO)		Approved for seamless carbon steel line pipe from hot rolling mill 460 PQF, heat treatment & non-destructive test line 6 and pipe finishing line 4; Round billets shall be from the integrated steel making and continuous steel casting mill of TPCO, Material grade and range : up to API 5L Grade X65 PSL 2 for offshore pipeline and sour service, Wall thickness up to 17.5 mm, OD up to 406 mm (NPS 16"), ****Limit use only intermediate sour service condition SSC (Sulfide Stress-Cracking) region 2 and lower as per ISO 15156-2.***	China
Pipeline	Linepipe (ferrous)	Seamless	Seamless Carbon Steel Line Pipe	VALLOUREC & MANNESMANN TUBES			Germany or France
Pipeline	Linepipe (ferrous)	Seamless	Seamless Carbon Steel Line Pipe	Tenaris			Italy (Dalmine)
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	JFE STEEL CORPORATION			Japan
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	NSSMC			Japan
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	POSCO			South Korea
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Arcelor-Mittal		Approved for carbon steel plates for LSAW pipes in sour service applications from 4300 Heavy Plate Mill 3rd party inspection under surveillance by PTTEP – Engineering QA/QC is mandatory.	Germany or France or Poland
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Voestalpine			Austria
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Thyssenkrupp			Germany
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Salzgitter			Germany
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Dillinger			Germany
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Jiangyin Xingcheng Special Steel Works Co., Ltd.			China
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	ILVA			Italy
Pipeline	Linepipe (ferrous)	Steel Plate for Line Pipe	Steel Plate for Line Pipe	Arcelor Mittal Nippon Steel			India
Pipeline	Linepipe (ferrous)	Welded - HFW	HF ERW Carbon Steel Pipe	JFE STEEL CORPORATION			Japan
Pipeline	Linepipe (ferrous)	Welded - HFW	HF ERW Carbon Steel Pipe	NSSMC			Japan (Hikari)
Pipeline	Linepipe (ferrous)	Welded - HFW	HF ERW Carbon Steel Pipe	Welspun			India
Pipeline	Linepipe (ferrous)	Welded - HFW	HF ERW Carbon Steel Pipe	VALLOUREC & MANNESMANN			Russia
Pipeline	Linepipe (ferrous)	Welded - HFW	HF ERW Carbon Steel Pipe	Tenaris			Italy
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			Japan
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	NSSMC			Japan
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	VALLOUREC & MANNESMANN TUBES			Japan
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	Jindal		- LSAW Line Pipe API5L only JCO-III plant is acceptable - Source of steel plates and welding consumables shall be approved by PTTEP. 3rd party inspection under surveillance by PTTEP – Engineering QA/QC closely is required.	India
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	WELSPUN (Village Jolva & Vadadla, Dahej Road, Tal. Vagra, Dist. Bharuch, Gujarat – 392130, India)		• Longitudinal submerged-arc welded (LSAW) carbon steel line pipes (API 5L Length 12 m.) – JCOE pipes mill• API 5L Grade X52 - X65 PSL 2 for offshore pipeline and sour service, NPS ≥ 16• Source of steel plates and welding consumables shall be approved by PTTEP.	India
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	WELSPUN (Welspun City, Survey No. 665 & 659, Village Varsamedi, Tal. Anjar,Dist. Kutch, Gujarat – 370110, India)		• Longitudinal submerged-arc welded (LSAW) carbon steel line pipes (API 5L Length 12 m.) – JCOE pipes mill and induction bends plant. • API 5L Grade X52 - X65 PSL 2 for offshore pipeline and sour service, NPS ≥ 18 • Source of steel plates and welding consumables shall be approved by PTTEP. • 3rd party laboratory shall be used to confirm the test result for induction bends from Welspun – Anjar plant. The 3rd party laboratory shall be approved by PTTEP.	India
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	Panyu Chu Kong Steel Pipe		Qualify for Non-Sour services	China
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	EEW MALAYSIA		• Approved for longitudinal submerged-arc welded (LSAW) carbon steel pipes. • LSAW pipe shall be restricted to non-sour application only.	Malaysia, Germany, Korea
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	Thyssenkrupp Mannex GMBH			Germany
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	Nishimura Koki			Japan
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	TMK			Russia
Pipeline	Linepipe (ferrous)	Welded - LSAW	LSAW Carbon Steel Pipe	HEBEI			China
Pipeline	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	DAI-ICHI HIGH FREQUENCY COMPANY (DHF)			Japan
Pipeline	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	FABRICOM GTI			Belgium
Pipeline	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Welspun			India
Pipeline	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Jindal			India
Pipeline	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Panyu Chu Kong Steel Pipe		Carbon steel tubular bend	China
Pipeline	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Pipeline Hot Induction Bend	Yeow Hwa Engineering			Singapore
Pipeline	Linepipe (ferrous)	On shore Pipeline Screw Anchor	Pipeline Screw Anchor	Cyntech Corporation			USA
Pipeline	Linepipe (ferrous)	On shore Pipeline Screw Anchor	Pipeline Screw Anchor	Anchor Pipe			USA
Pipeline	Linepipe (ferrous)	On shore Pipeline Screw Anchor	Pipeline Screw Anchor	True Torque			USA
Pipeline	Linepipe (ferrous)	On shore Pipeline Screw Anchor	Pipeline Screw Anchor	Terra Torque			USA
Pipeline	Linepipe (ferrous)	On shore Pipeline Screw Anchor	Pipeline Screw Anchor	Platipus			USA, UK
Pipeline	Linepipe (ferrous)	On shore Insulation Joint	Insulation Joint	RMA	IK-P3		Germany
Pipeline	Linepipe (ferrous)	On shore Insulation Joint	Insulation Joint	Prochind			Italy
Pipeline	Linepipe (ferrous)	On shore Insulation Joint	Insulation Joint	Zunt			Italy
Pipeline	Linepipe (ferrous)	On shore Insulation Joint	Insulation Joint	Nuovagiungas			Italy
Pipeline	Linepipe (ferrous)	On shore Insulation Joint	Insulation Joint	GALPERTI			Italy
Piping							
Piping	Fitting	CS Fitting	CS Fitting	CUSTOM ALLOY			USA
Piping	Fitting	CS Fitting	CS Fitting	DELCORTE			FRANCE
Piping	Fitting	CS Fitting	CS Fitting	ERNE FITTINGS GMBH			AUSTRIA
Piping	Fitting	CS Fitting	CS Fitting	GALPERTI S.P.A.			ITALY
Piping	Fitting	CS Fitting	CS Fitting	IML			ITALY
Piping	Fitting	CS Fitting	CS Fitting	INTERFIT (VALLOUREC GROUP)			FRANCE
Piping	Fitting	CS Fitting	CS Fitting	LADISH			USA
Piping	Fitting	CS Fitting	CS Fitting	MEGA.SPA			ITALY
Piping	Fitting	CS Fitting	CS Fitting	MGI (GROUPE GENOYER)			FRANCE
Piping	Fitting	CS Fitting	CS Fitting	Nippon Steel & Sumitomo Metal Corporation			JAPAN
Piping	Fitting	CS Fitting	CS Fitting	RACCORTUBI SRL			ITALY
Piping	Fitting	CS Fitting	CS Fitting	TECHNOFORGE S.P.A.			ITALY

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Piping	Fitting	CS Fitting	CS Fitting	THAI BENKAN		Seamless only	THAILAND
Piping	Fitting	CS Fitting	CS Fitting	TUBE FORGINGS OF AMERICA INC (TFA)			USA
Piping	Fitting	CS Fitting	CS Fitting	ULMA			SPAIN
Piping	Fitting	CS Fitting	CS Fitting	VIAR S.P.A.			ITALY
Piping	Fitting	GRE Fittings	GRE Fittings	AMERON (BRAND : BONDSTRAND)			MALAYSIA / SINGAPORE
Piping	Fitting	GRE Fittings	GRE Fittings	FIBRE BOND			USA
Piping	Fitting	GRE Fittings	GRE Fittings	FUTURE PIPE INDUSTRIES			UAE
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	CUSTOM ALLOY			USA
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	FLANSCHENWERK BEBITZ GMBH			GERMANY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	GALPERTI S.P.A.			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	IBF SPA			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	IML			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	MEGA.SPA			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	METALFAR INTERNATIONAL SA			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	MGI (GROUPE GENOYER)			FRANCE
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	Nippon Steel & Sumitomo Metal Corporation			JAPAN
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	RACCORTUBI SRL			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	SCHULZ EXPORT GMBH			GERMANY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	SPROMAK			UK
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	TECHNOFORGE S.P.A.			ITALY
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	ULMA			SPAIN
Piping	Fitting	SS & DSS Fitting	SS & DSS Fitting	VIAR S.P.A.			ITALY
Piping	Flange	CS Flanges	CS Flanges	BRÃœCK GMBH			GERMANY
Piping	Flange	CS Flanges	CS Flanges	BRÜCK GmbH			GERMANY
Piping	Flange	CS Flanges	CS Flanges	FLANSCHENWERK BEBITZ GMBH			GERMANY
Piping	Flange	CS Flanges	CS Flanges	GALPERTI S.P.A.			ITALY
Piping	Flange	CS Flanges	CS Flanges	KOFCO			KOREA
Piping	Flange	CS Flanges	CS Flanges	LINVIC ENGINEERING LTD		OEM - Accura Group	UK
Piping	Flange	CS Flanges	CS Flanges	MEGA.SPA			ITALY
Piping	Flange	CS Flanges	CS Flanges	METALFAR INTERNATIONAL SA			ITALY
Piping	Flange	CS Flanges	CS Flanges	MGI (GROUPE GENOYER)			FRANCE
Piping	Flange	CS Flanges	CS Flanges	Nippon Steel & Sumitomo Metal Corporation			JAPAN
Piping	Flange	CS Flanges	CS Flanges	OFFICINE AMBROGIO MELESI (MELESI)			ITALY
Piping	Flange	CS Flanges	CS Flanges	TECHNOFORGE S.P.A.			ITALY
Piping	Flange	CS Flanges	CS Flanges	TECTUBI RACCORDI			ITALY
Piping	Flange	CS Flanges	CS Flanges	ULMA			SPAIN
Piping	Flange	CS Flanges	CS Flanges	VIAR S.P.A.			ITALY
Piping	Flange	CS Flanges	CS Flanges	WMAASS LTD			UK
Piping	Flange	DSS Flanges	DSS Flanges	FLANSCHENWERK BEBITZ GMBH			GERMANY
Piping	Flange	DSS Flanges	DSS Flanges	GALPERTI S.P.A.			ITALY
Piping	Flange	DSS Flanges	DSS Flanges	IBF SPA			ITALY
Piping	Flange	DSS Flanges	DSS Flanges	KOFCO			KOREA
Piping	Flange	DSS Flanges	DSS Flanges	MEGA.SPA			ITALY
Piping	Flange	DSS Flanges	DSS Flanges	METALFAR INTERNATIONAL SA			ITALY
Piping	Flange	DSS Flanges	DSS Flanges	MGI (GROUPE GENOYER)			FRANCE
Piping	Flange	DSS Flanges	DSS Flanges	Nippon Steel & Sumitomo Metal Corporation			JAPAN
Piping	Flange	DSS Flanges	DSS Flanges	OFFICINE AMBROGIO MELESI (MELESI)			ITALY
Piping	Flange	DSS Flanges	DSS Flanges	SPROMAK			UK
Piping	Flange	DSS Flanges	DSS Flanges	TECHNOFORGE S.P.A.			ITALY
Piping	Flange	DSS Flanges	DSS Flanges	ULMA			SPAIN
Piping	Flange	DSS Flanges	DSS Flanges	VIAR S.P.A.			ITALY
Piping	Flange	GRE Flange	GRE Flange	AMERON (BRAND : BONDSTRAND)			MALAYSIA / SINGAPORE
Piping	Flange	GRE Flange	GRE Flange	FIBRE BOND			USA
Piping	Flange	GRE Flange	GRE Flange	FUTURE PIPE INDUSTRIES			UAE
Piping	Flange	SS Flanges	SS Flanges	BRÃœCK GMBH			GERMANY
Piping	Flange	SS Flanges	SS Flanges	BRÜCK GmbH			GERMANY
Piping	Flange	SS Flanges	SS Flanges	GALPERTI S.P.A.			ITALY
Piping	Flange	SS Flanges	SS Flanges	IBF SPA			ITALY
Piping	Flange	SS Flanges	SS Flanges	KOFCO			KOREA
Piping	Flange	SS Flanges	SS Flanges	LINVIC ENGINEERING LTD		OEM - Accura Group	UK
Piping	Flange	SS Flanges	SS Flanges	MEGA.SPA			ITALY
Piping	Flange	SS Flanges	SS Flanges	METALFAR INTERNATIONAL SA			ITALY
Piping	Flange	SS Flanges	SS Flanges	MGI (GROUPE GENOYER)			FRANCE
Piping	Flange	SS Flanges	SS Flanges	Nippon Steel & Sumitomo Metal Corporation			JAPAN
Piping	Flange	SS Flanges	SS Flanges	OFFICINE AMBROGIO MELESI (MELESI)			ITALY
Piping	Flange	SS Flanges	SS Flanges	SANDVIK			SWEDEN
Piping	Flange	SS Flanges	SS Flanges	SPROMAK			UK
Piping	Flange	SS Flanges	SS Flanges	TECHNOFORGE S.P.A.			ITALY
Piping	Flange	SS Flanges	SS Flanges	TECTUBI RACCORDI			ITALY
Piping	Flange	SS Flanges	SS Flanges	ULMA			SPAIN
Piping	Flange	SS Flanges	SS Flanges	VIAR S.P.A.			ITALY
Piping	Flange	SS Flanges	SS Flanges	WMAASS LTD			UK
Piping	Miscellaneous	Anti-Corrosion Pipewrap Tape	Anti-Corrosion Pipewrap Tape	DENSO			UK
Piping	Miscellaneous	Anti-Corrosion Pipewrap Tape	Anti-Corrosion Pipewrap Tape	PETROCOTE			AUSTRALIA
Piping	Miscellaneous	Anti-Corrosion Pipewrap Tape	Anti-Corrosion Pipewrap Tape	SERVIWRAP			UK
Piping	Special Items	Auto Drainers, Air Release	Auto Drainers, Air Release	ARMSTRONG INTERNATIONAL INC			USA
Piping	Special Items	Auto Drainers, Air Release	Auto Drainers, Air Release	SPIRAX SARCO			UK
Piping	Special Items	CLAMP Type Connectors	CLAMP Type Connectors	GRAYLOC			USA
Piping	Special Items	CLAMP Type Connectors	CLAMP Type Connectors	TECHLOK			UK
Piping	Special Items	Hoses and Connections	Hoses and Connections	MANN TEK			SWEDEN
Piping	Pipe	GRE Pipes	GRE Pipes	AMERON (BRAND : BONDSTRAND)			MALAYSIA / SINGAPORE
Piping	Pipe	GRE Pipes	GRE Pipes	FIBRE BOND			USA
Piping	Pipe	GRE Pipes	GRE Pipes	FUTURE PIPE INDUSTRIES			UAE
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	EEW			MALAYSIA, KOREA
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	EUROPIPE GMBH			GERMANY
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	NSSMC			JAPAN
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	SUMITOMO CORP.			JAPAN
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	VALLOUREC & MANNESMANN TUBES			FRANCE / GERMANY
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	WAN CHI STEEL PIPE QINHUANGDAO CO., LTD.			CHINA
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	WELSPUN CORP. LTD			INDIA
Piping	Pipe	SAW Welded Pipe	SAW Welded Pipe	Zhejiang Feiting Co Ltd			CHINA
Piping	Pipe	Seamless	CS Pipe	DALMINE			ITALY
Piping	Pipe	Seamless	CS Pipe	DILLINGER HUTTE GTS			GERMANY
Piping	Pipe	Seamless	CS Pipe	FLANSCHENWERK BEBITZ GMBH			GERMANY
Piping	Pipe	Seamless	CS Pipe	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Piping	Pipe	Seamless	CS Pipe	MARUBENI ITOCHU (AGENT)			JAPAN
Piping	Pipe	Seamless	CS Pipe	NSSMC			JAPAN
Piping	Pipe	Seamless	CS Pipe	SALZGITTER MANNESMANN			GERMANY
Piping	Pipe	Seamless	CS Pipe	SUMITOMO CORP.			JAPAN
Piping	Pipe	Seamless	CS Pipe	TENARIS			ITALY
Piping	Pipe	Seamless	CS Pipe	TPS TECHNITUBE RÖHRENWERKE GmbH			GERMANY
Piping	Pipe	Seamless	CS Pipe	VALLOUREC & MANNESMANN TUBES			FRANCE / GERMANY
Piping	Pipe	Seamless	DSS Pipes	BUTTING GMBH			GERMANY
Piping	Pipe	Seamless	DSS Pipes	MARUBENI ITOCHU (AGENT)			JAPAN
Piping	Pipe	Seamless	DSS Pipes	NSSMC			JAPAN
Piping	Pipe	Seamless	DSS Pipes	OUTOKUMPU			SWEDEN

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Piping	Pipe	Seamless	DSS Pipes	SALZGITTER MANNESMANN			GERMANY
Piping	Pipe	Seamless	DSS Pipes	SANDVIK			SWEDEN
Piping	Pipe	Seamless	DSS Pipes	SCHOELLER BLECKMANN			AUSTRIA
Piping	Pipe	Seamless	DSS Pipes	SUMITOMO CORP.			JAPAN
Piping	Pipe	Seamless	DSS Pipes	TENARIS			ITALY
Piping	Pipe	Seamless	DSS Pipes	TPS TECHNITUBE RÃ–HRENWERKE GMBH			GERMANY
Piping	Pipe	Seamless	DSS Pipes	TUBACEX			SPAIN
Piping	Pipe	Seamless	Stainless Steel	BUTTING GMBH			GERMANY
Piping	Pipe	Seamless	Stainless Steel	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Piping	Pipe	Seamless	Stainless Steel	KOBE SPECIAL TUBE CO., LTD			JAPAN
Piping	Pipe	Seamless	Stainless Steel	MARUBENI ITOCHU (AGENT)			JAPAN
Piping	Pipe	Seamless	Stainless Steel	NSSMC			JAPAN
Piping	Pipe	Seamless	Stainless Steel	OUTOKUMPU			SWEDEN
Piping	Pipe	Seamless	Stainless Steel	SALZGITTER MANNESMANN			GERMANY
Piping	Pipe	Seamless	Stainless Steel	SANDVIK			SWEDEN
Piping	Pipe	Seamless	Stainless Steel	SCHOELLER BLECKMANN			AUSTRIA
Piping	Pipe	Seamless	Stainless Steel	SUMITOMO CORP.			JAPAN
Piping	Pipe	Seamless	Stainless Steel	TENARIS			ITALY
Piping	Pipe	Seamless	Stainless Steel	TPS TECHNITUBE RÃ–HRENWERKE GMBH			GERMANY
Piping	Pipe	Seamless	Stainless Steel	TUBACEX			SPAIN
Piping	Pipe	Seamless	Stainless Steel	VALLOUREC & MANNESMANN TUBES			FRANCE / GERMANY
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	AMERICOTE			USA
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	CRAWFORD			SINGAPORE
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	LONESTAR			USA
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	OME			ITALY
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	SANWA IRON MFG			JAPAN
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	SENG HENG ENGINEERING PTE LTD			SINGAPORE
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	STANDCO INDUSTRIES (STAND-COTE)			USA
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	TAKENAKA SEISAKUSHO		BRAND:TAKECOAT 1000	JAPAN
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	BEE FASTENER			THAILAND
Piping	Piping Bulk Material	Bolt & Nuts	Bolt & Nuts	TRI-STAR INDUSTRIES PTE LTD (BRAND: MASTERCOTE)			MALAYSIA / SINGAPORE
Piping	Piping Bulk Material	Bolt & Nuts	Coating for Bolt & Nuts	TRI-STAR INDUSTRIES PTE LTD (BRAND: MASTERCOTE)			MALAYSIA / SINGAPORE
Piping	Piping Bulk Material	GASKETS	Gaskets	FLEXITALLIC			UK
Piping	Piping Bulk Material	GASKETS	Gaskets	GARLOCK SEALING TECHNOLOGIES			USA
Piping	Piping Bulk Material	GASKETS	Gaskets	JAMES WALKER			THAILAND / UK
Piping	Piping Bulk Material	GASKETS	Gaskets	KLINGER			AUSTRALIA / SWITZERLAND / UK
Piping	Piping Bulk Material	GASKETS	Gaskets	NIPPON VALQUA INDUSTRIES LTD			JAPAN
Piping	Piping Bulk Material	GASKETS	Gaskets	PIKOTEK			USA
Piping	Piping Bulk Material	GASKETS	Gaskets	PROSEEL			UK
Piping	Special Items	Access Fittings	Corrosion Probe & Coupon & Injection quill	CORTEST INSTRUMRNT LIMITED			UK
Piping	Special Items	Access Fittings	Corrosion Probe & Coupon & Injection quill	MCMURRAY HUGHES			USA
Piping	Special Items	Auto Drainers, Air Release	Auto Drainers, Air Release	GESTRA (BY FLOWSERV)			GERMANY
Piping	Special Items	CLAMP Type Connectors	CLAMP Type Connectors	DESTEC ENGINEERING LTD			UK
Piping	Special Items	CLAMP Type Connectors	CLAMP Type Connectors	TEK-LOK			USA
Piping	Special Items	CLAMP Type Connectors	CLAMP Type Connectors	VIAR MECCANICA SRL			ITALY
Piping	Special Items	Hoses and Connections	Hoses and Connections	AEROQUIP (EATON GROUP)			USA
Piping	Special Items	Hoses and Connections	Hoses and Connections	ALFAGOMMA			MALAYSIA
Piping	Special Items	Hoses and Connections	Hoses and Connections	CAMLOCK			USA
Piping	Special Items	Hoses and Connections	Hoses and Connections	DIXON			USA
Piping	Special Items	Hoses and Connections	Hoses and Connections	DUNLOP			UK
Piping	Special Items	Hoses and Connections	Hoses and Connections	EATON			GERMANY
Piping	Special Items	Hoses and Connections	Hoses and Connections	EVERTITE			USA
Piping	Special Items	Hoses and Connections	Hoses and Connections	GRP			UK
Piping	Special Items	Hoses and Connections	Hoses and Connections	HANFLEX			KOREA
Piping	Special Items	Hoses and Connections	Hoses and Connections	K&B BEATTIE			UK
Piping	Special Items	Hoses and Connections	Hoses and Connections	KASEL			UK
Piping	Special Items	Hoses and Connections	Hoses and Connections	KINGFLEX			GERMANY
Piping	Special Items	Hoses and Connections	Hoses and Connections	MANN TEK			SWEDEN
Piping	Special Items	Hoses and Connections	Hoses and Connections	SINGFLEX			KOREA
Piping	Special Items	Strainer	Strainers & Screens	Armstrong			USA
Piping	Special Items	Strainer	Strainers & Screens	Barton Firtop			UK
Piping	Special Items	Strainer	Strainers & Screens	HAYWARD FLOW CONTROL SYSTEMS			USA
Piping	Special Items	Strainer	Strainers & Screens	PLENTY FILTERS (BY SPX GROUP)			UK
Piping	Special Items	Strainer	Strainers & Screens	VEE BEE LIMITED			UK
Piping	Special Items	Valve Locking / Interlocking Devic	Valve Locking / Interlocking Devices	FORTRESS			UK
Piping	Special Items	Valve Locking / Interlocking Devic	Valve Locking / Interlocking Devices	SMITH FLOW CONTROLS			UK
Piping	Valve	Ball Valve	Ball Valve	ARGUS			GERMANY
Piping	Valve	Ball Valve	Ball Valve	CRANE (CRANE ENERGY FLOW SOLUTIONS)			USA
Piping	Valve	Ball Valve	Ball Valve	OMB		CS/SS, (< 2"), TYPE F= FLOATING BALL, TYPE A= TRUNNION BALL	ITALY
Piping	Valve	Ball Valve	Ball Valve	RMT VALVOMECCANICA			ITALY
Piping	Valve	Ball Valve	Ball Valve	VIAR VALVOLE			ITALY
Piping	Valve	Ball Valve	Ball Valve	AMPO			SPAIN
Piping	Valve	Ball Valve	Ball Valve	CRANE (BY CRANE ENERGY FLOW SOLUTIONS COMPANY)		(< 2")	USA
Piping	Valve	Ball Valve	Ball Valve	GROVE (By CAMERON Group)			USA
Piping	Valve	Ball Valve	Ball Valve	KVC			JAPAN
Piping	Valve	Ball Valve	Ball Valve	OKV		(< 2")	KOREA
Piping	Valve	Ball Valve	Ball Valve	PERAR			ITALY
Piping	Valve	Ball Valve	Ball Valve	PETROL VALVES			ITALY
Piping	Valve	Ball Valve	Ball Valve	PIBIVIESSE S.R.L.			ITALY
Piping	Valve	Ball Valve	Ball Valve	SACAP			FRANCE
Piping	Valve	Ball Valve	Ball Valve	SRI-SUD ROBINETTERIE INDUSTRIE			FRANCE
Piping	Valve	Ball Valve	Ball Valve	STARLINE Spa			ITALY
Piping	Valve	Ball Valve	Ball Valve	AMPO			SPAIN
Piping	Valve	Ball Valve	Ball Valve	FCT (TYCO VALVE) *			FRANCE
Piping	Valve	Ball Valve	Ball Valve	FLUITEK ORSENIGO SRL			ITALY
Piping	Valve	Ball Valve	Ball Valve	VALVITALIA S.p.A. - SYSTEM DIVISION			ITALY
Piping	Valve	Ball Valve	Ball Valve	WKM (BY CAMERON)			USA
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	FCT (PENTAIR)		CS/SS/CUNI	FRANCE
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	GOODWIN		CS/SS/CUNI	UK
Piping	Valve	Check Valve	Check Valve	GOODWIN			UK
Piping	Valve	Check Valve	Check Valve	SCV			USA
Piping	Valve	Check Valve	Check Valve	DOUGLAS CHERO SPA	(< 2")		ITALY
Piping	Valve	Check Valve	Check Valve	KSB			FRANCE / INDONESIA
Piping	Valve	Check Valve	Check Valve	LVF S.P.A.			ITALY
Piping	Valve	Check Valve	Check Valve	OKV			KOREA
Piping	Valve	Check Valve	Check Valve	PIBIVIESSE S.R.L.			ITALY
Piping	Valve	Check Valve	Check Valve	SACCAP SAPAG *			FRANCE
Piping	Valve	Check Valve	Check Valve	SMITH FLOW CONTROLS	(< 2")		UK
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	AMRI INC.(KSB GROUP)			FRANCE
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	KEYSTONE (BY TYCO VALVE)			FRANCE / UK / USA
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	STOCKHAM			UK
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	TRV MISSION			UK
Piping	Valve	Check Valve	CHECK VALVE (WAFER TYPE)	WHEATLEY			UK
Piping	Valve	Check Valve	Check Valve	AMRI INC.(KSB GROUP)			FRANCE
Piping	Valve	Check Valve	Check Valve	CRANE (BY CRANE ENERGY FLOW SOLUTIONS COMPANY)			USA

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Piping	Valve	Check Valve	Check Valve	FASANI (TYCO VALVE)			ITALY
Piping	Valve	Check Valve	Check Valve	FCT (TYCO VALVE)			FRANCE
Piping	Valve	Check Valve	Check Valve	MALBRANQUE			FRANCE
Piping	Valve	Check Valve	Check Valve	NEWAY VALVE (SUZHOU) CO. LTD			CHINA
Piping	Valve	Check Valve	Check Valve	PETROL VALVES			ITALY
Piping	Valve	Check Valve	Check Valve	POYAM			SPAIN
Piping	Valve	Check Valve	Compact Check Valves	COMBET			
Piping	Valve	Check Valve	Check Valve	RAIMONDI (BY TYCO VALVE)			ITALY
Piping	Valve	Check Valve	Check Valve Piston Type	CRANE (BY CRANE ENERGY FLOW SOLUTIONS COMPANY)			USA
Piping	Valve	Check Valve	Check Valve Piston Type	FCT (TYCO VALVE)			FRANCE
Piping	Valve	Check Valve	Check Valve Piston Type	GROVE (By CAMERON Group)			USA
Piping	Valve	Check Valve	Check Valve Piston Type	PETROVALVES			ITALY
Piping	Valve	Check Valve	Check Valve Piston Type	DOUGLAS CHERO SPA			ITALY
Piping	Valve	Check Valve	Check Valve Piston Type	Velan			CANADA
Piping	Valve	Check Valve	Compact Check Valves	DRESSER			USA
Piping	Valve	Check Valve	Compact Check Valves	FMC			USA
Piping	Valve	Check Valve	Compact Check Valves	PIPER VALVE			USA
Piping	Valve	Ball Valve	Compact Ball Valve	FCT (TYCO VALVE)			FRANCE
Piping	Valve	Ball Valve	Compact Ball Valve	FMC			USA
Piping	Valve	Ball Valve	Compact Ball Valve	OILSTATE PIPER VALVE			USA
Piping	Valve	Ball Valve	Compact Ball Valve	ACECO			USA
Piping	Valve	Ball Valve	Compact Ball Valve	COMBET			Netherland
Piping	Valve	DBB Valve	DBB Valve	ALCO HI-TEK			UK
Piping	Valve	DBB Valve	DBB Valve	ANDERSON GREENWOOD (PENTAIR)			UK / USA
Piping	Valve	DBB Valve	DBB Valve	AGCO (BY TYCO VALVE)			USA
Piping	Valve	DBB Valve	DBB Valve	KENMAC (BY SWAGELOK)			USA
Piping	Valve	DBB Valve	DBB Valve	AS-Schneider		Approved with CONDITIONS. Manufacture is Armaturenfabrik Franz Schneider GmbH + C0. KG Bahnhofplatz 12 D-742226 Nordheim plant ONLY. The range of approval of this requested is for double block and bleed valve which the DBB valve size is 2" and below ONLY.	Germany
Piping	Valve	DBB Valve	DBB Valve	GALPERTI S.P.A.			ITALY
Piping	Valve	DBB Valve	DBB Valve	OLIVER VALVES			UK
Piping	Valve	DBB Valve	DBB Valve	PARKER			USA
Piping	Valve	DBB Valve	DBB Valve	SWAGELOK			USA
Piping	Valve	DBB Valve	DBB Valve	VIMEC			ITALY
Piping	Valve	Gate Valve	Aluminium Bronze Gate Valves	SACCAP (SAPAG)			FRANCE
Piping	Valve	Gate Valve	Aluminium Bronze Gate Valves	SHIPHAM			UK
Piping	Valve	Gate Valve	Gate Valve	CRANE (BY CRANE ENERGY FLOW SOLUTIONS COMPANY)			USA
Piping	Valve	Gate Valve	Gate Valve	DOUGLAS CHERO SPA		(< 2")	ITALY
Piping	Valve	Gate Valve	Gate Valve	GACHOT (BY TYCO VALVE)		(< 2")	USA
Piping	Valve	Gate Valve	Gate Valve	GROVE (By CAMERON Group)			USA
Piping	Valve	Gate Valve	Gate Valve	LVF S.P.A.		(< 2")	ITALY
Piping	Valve	Gate Valve	Gate Valve	OKV			KOREA
Piping	Valve	Gate Valve	Gate Valve	PIBIVIESSE S.R.L.			ITALY
Piping	Valve	Gate Valve	Gate Valve	ROFORGE		(< 2")	FRANCE
Piping	Valve	Gate Valve	Gate Valve	SACCAP (SAPAG)		(< 2")	FRANCE
Piping	Valve	Gate Valve	Gate Valve	COYARD SAS			FRANCE
Piping	Valve	Gate Valve	Gate Valve	MALBRANQUE *			FRANCE
Piping	Valve	Gate Valve	Gate Valve	OSWAL INDUSTRIES LIMITED			INDIA
Piping	Valve	Gate Valve	Gate Valve	PETROL VALVES			ITALY
Piping	Valve	Gate Valve	Gate Valve	POYAM			SPAIN
Piping	Valve	Gate Valve	Gate Valve	KITZ		CU-NI	UK
Piping	Valve	Gate Valve	Gate Valve	OMB		CS/SS	ITALY
Piping	Valve	Globe Valve	Globe Valve	DSI			USA
Piping	Valve	Globe Valve	Globe Valve	PENTAIR			FRANCE
Piping	Valve	Globe Valve	Globe Valve	PETROL VALVES			ITALY
Piping	Valve	Globe Valve	Globe Valve	CRANE (BY CRANE ENERGY FLOW SOLUTIONS COMPANY)		(< 2")	USA
Piping	Valve	Globe Valve	Globe Valve	DOUGLAS CHERO SPA			ITALY
Piping	Valve	Globe Valve	Globe Valve	GROVE (By CAMERON Group)			USA
Piping	Valve	Globe Valve	Globe Valve	LVF S.P.A.		(< 2")	ITALY
Piping	Valve	Globe Valve	Globe Valve	OKV			KOREA
Piping	Valve	Globe Valve	Globe Valve	PETROL VALVES			ITALY
Piping	Valve	Globe Valve	Globe Valve	PIBIVIESSE S.R.L.			ITALY
Piping	Valve	Globe Valve	Globe Valve	SACCAP (SAPAG)		(< 2")	FRANCE
Piping	Valve	Globe Valve	Globe Valve	CRANE (BY CRANE ENERGY FLOW SOLUTIONS COMPANY)			USA
Piping	Valve	Globe Valve	Globe Valve	MALBRANQUE			FRANCE
Piping	Valve	Globe Valve	Globe Valve	POYAM			SPAIN
Piping	Valve	Globe Valve	Globe Valve	RAIMONDI (BY TYCO VALVE)			ITALY
Piping	Valve	Globe Valve	Globe Valve	ROFORGE			FRANCE
Piping	Valve	Globe Valve	Globe Valve	SACCAP (SAPAG)			FRANCE
Piping	Valve	Globe Valve	Globe Valve	SEREG SCHLUMBERGER			FRANCE
Piping	Valve	Globe Valve	Globe Valve	KITZ		CU-NI	UK
Piping	Valve	Globe Valve	Globe Valve	OMB		CS/SS	ITALY
Piping	Valve	Needle Valve	Needle Valve	ANDERSON GREENWOOD (PENTAIR)			UK / USA
Piping	Valve	Needle Valve	Needle Valve	HOKE			USA
Piping	Valve	Needle Valve	Needle Valve	KEROTEST			USA
Piping	Valve	Needle Valve	Needle Valve	OLIVER VALVES			UK
Piping	Valve	Needle Valve	Needle Valve	SWAGELOK			USA
Piping	Valve	Needle Valve	Needle Valve	AGCO (BY TYCO VALVE)			USA
Piping	Valve	Needle Valve	Needle Valve	KENMAC (BY SWAGELOK)			USA
Piping	Valve	Needle Valve	Needle Valve	WHITEY (BY SWAGELOK)			USA
Safety							
Safety	Fire Fighting Equipment	Fire Blanket	Fire Blanket	CHUBB			UK
Safety	Fire Fighting Equipment	Fire Blanket	Fire Blanket	JUNKIN			USA
Safety	Fire Fighting Equipment	Fire Blanket	Fire Blanket	MSA			USA
Safety	Fire Fighting Equipment	Fire Blanket	Fire Blanket	SHM			India
Safety	Fire Fighting Equipment	Fire Extinguisher	Portable Fire Extinguisher	ANSUL			USA
Safety	Fire Fighting Equipment	Fire Extinguisher	Portable Fire Extinguisher	Desautel			FRANCE
Safety	Fire Fighting Equipment	Fire Extinguisher	Portable Fire Extinguisher	SHM			India
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	Angus			UK
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	ANSUL			USA
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	CHUBB			UK
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	Desautel			FRANCE
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	KIDDE			ITALY
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	TYCO FIS			UK
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	TYCO FIS			UK
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	Wormald			UK
Safety	Fire Fighting Equipment	Fire Extinguisher	Wheeled Fire Extinguisher	SHM			India
Safety	Life Saving Equipment	Electrical Safety Kit	Electrical Safety Kit	CATU PARIS			FRANCE
Safety	Life Saving Equipment	Electrical Safety Kit	Electrical Safety Kit	SHM			India
Safety	Life Saving Equipment	Escape Device	Descent Device	PROTECTA			USA
Safety	Life Saving Equipment	Escape Device	Descent Device	SHM			India
Safety	Life Saving Equipment	Escape Device	Scramble Net/ Knotted Ropes	BILLY PUGH CO., INC			USA
Safety	Life Saving Equipment	Escape Device	Scramble Net/ Knotted Ropes	MARKUS LIFENET			UK
Safety	Life Saving Equipment	Escape Device	Scramble Net/ Knotted Ropes	QUELL PTE, LTD		LSA Scramblenet	SINGAPORE
Safety	Life Saving Equipment	Life Buoy	Life Buoy	ATLANTIC PACIFIC			USA
Safety	Life Saving Equipment	Life Buoy	Life Buoy	JIM BUOY			USA
Safety	Life Saving Equipment	Life Buoy	Life Buoy	MCMURDO			UK
Safety	Life Saving Equipment	Life Buoy	Life Buoy	PERRY			UK
Safety	Life Saving Equipment	Life Buoy	Life Buoy	PERRYBUOY			UK
Safety	Life Saving Equipment	Life Buoy	Life Buoy	RFD			NEW ZEALAND
Safety	Life Saving Equipment	Life Buoy	Life Buoy	VIKING LIFE-SAVING EQUIPMENT A/S			SINGAPORE

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Safety	Life Saving Equipment	Life Buoy	Life Buoy	SHM			India
Safety	Life Saving Equipment	Life Jacket	Life Jacket	BESTO REDDING			NETHERLANDS
Safety	Life Saving Equipment	Life Jacket	Life Jacket	COSALT INTERNATIONAL			UK
Safety	Life Saving Equipment	Life Jacket	Life Jacket	NOORDER HAAKS			NORWAY
Safety	Life Saving Equipment	Life Jacket	Life Jacket	PERRY			UK / USA
Safety	Life Saving Equipment	Life Jacket	Life Jacket	RFD			UK
Safety	Life Saving Equipment	Life Jacket	Life Jacket	STEARNS			UK / USA
Safety	Life Saving Equipment	Life Jacket	Life Jacket	VIKING			NORWAY
Safety	Life Saving Equipment	Life Jacket	Life Jacket	SHM			India
Safety	Life Saving Equipment	Life Raft	Life Raft	BEAUFORT			UK / USA
Safety	Life Saving Equipment	Life Raft	Life Raft	CREWSAVER			UK
Safety	Life Saving Equipment	Life Raft	Life Raft	MATCHANU MARINE (THAILAND)			THAILAND
Safety	Life Saving Equipment	Life Raft	Life Raft	RFD			NEW ZEALAND
Safety	Life Saving Equipment	Life Raft	Life Raft	VIKING			NORWAY
Safety	Life Saving Equipment	Life Raft	Life Raft	ZODIAC			FRANCE
Safety	Life Saving Equipment	Life Raft	Life Raft	SHM			India
Safety	Life Saving Equipment	Personnel Transfer Basket	Personnel Transfer Basket	BILLY PUGH			USA
Safety	Life Saving Equipment	Personnel Transfer Basket	Personnel Transfer Basket	REFLEX MARINE (FROG)			UK
Safety	Life Saving Equipment	Personnel Transfer Basket	Personnel Transfer Basket	SHM			India
Safety	Life Saving Equipment	Safety Shower / Eye Wash Station	Safety Shower / Eye Wash Station	HAWS			USA
Safety	Life Saving Equipment	Safety Shower / Eye Wash Station	Safety Shower / Eye Wash Station	HUGHES			UK
Safety	Life Saving Equipment	Safety Shower / Eye Wash Station	Safety Shower / Eye Wash Station	PRATT			AUSTRALIA
Safety	Life Saving Equipment	Safety Shower / Eye Wash Station	Safety Shower / Eye Wash Station	TYCO THERMAL CONTROLS			USA
Safety	Life Saving Equipment	Safety Shower / Eye Wash Station	Safety Shower / Eye Wash Station	SHM			India
Safety	Life Saving Equipment	Safety Sign and Marking	Safety sign	ALCOA			ITALY
Safety	Life Saving Equipment	Safety Sign and Marking	Safety sign	FMS			MALAYSIA
Safety	Life Saving Equipment	Safety Sign and Marking	Safety Sign and Marking	MARKING SERVICES			USA
Safety	Life Saving Equipment	Safety Sign and Marking	Safety Sign and Marking	TIG			THAILAND
Safety	Life Saving Equipment	Safety Sign and Marking	Safety Sign and Marking	SHM			India
Safety	Life Saving Equipment	Self Contained Breathing Appratus	Self Contained Breathing Appratus	DRAEGER			USA
Safety	Life Saving Equipment	Self Contained Breathing Appratus	Self Contained Breathing Appratus	SABRE			UK
Safety	Life Saving Equipment	Self Contained Breathing Appratus	Self Contained Breathing Appratus	SCOTT			USA
Safety	Life Saving Equipment	Stretcher	Rescue Stretcher	BCI STRETCHERS			UK
Safety	Life Saving Equipment	Stretcher	Rescue Stretcher	PARAGUARD			UK
Safety	Life Saving Equipment	Stretcher	Rescue Stretcher	SHM			India
Safety	Life Saving Equipment	Work Vest	Work Vest	BILLY PUGH			USA
Safety	Life Saving Equipment	Work Vest	Work Vest	HELLY HANSEN			NORWAY
Safety	Life Saving Equipment	Work Vest	Work Vest	TAYLORTEC			USA
Structural							
Structural	Coating	Special Coating	Galvanize Coatings	SSG		Hot dip galvanized	THAILAND
Structural	Coating	Special Coating	Galvanize Coatings	WORLD COATING PROCESS CO., LTD		Hot-dip galvanizing of steel structural	THAILAND
Structural	Miscellaneous	Grating	Steel Grating	KOOKJAE METAL			KOREA
Structural	Miscellaneous	Grating	Steel Grating	LIONWELD KENNEDY LTD			UK
Structural	Miscellaneous	Grating	Steel Grating	SIAM STEEL			THAILAND
Structural	Miscellaneous	Grating	Steel Grating	SSG			THAILAND
Structural	Miscellaneous	Grating	Steel Grating	WEBFORGE THAILAND LTD			THAILAND
Structural	Primary Steel	Beam	Beam	ARCELOR MITTAL			FRANCE / LUXEMBOURG
Structural	Primary Steel	Beam	Beam	CORUS GROUP			UK
Structural	Primary Steel	Beam	Beam	DILLINGER HUTTE GTS			GERMANY
Structural	Primary Steel	Beam	Beam	HYUNDAI STEEL			Korea
Structural	Primary Steel	Beam	Beam	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Structural	Primary Steel	Beam	Beam	NSSMC (NIPPON STEEL & SUMITOMO METAL CORPORATION)			Japan
Structural	Primary Steel	Beam	Beam	SALZGITTER MANNESMANN HANDEL			GERMANY
Structural	Primary Steel	Beam	Beam	THYSSENKRUPP MANNEX GmbH			GERMANY
Structural	Primary Steel	Beam	Beam	US STEEL			USA
Structural	Primary Steel	Beam	Beam	VALLOUREC & MANNESMANN TUBES			FRANCE / GERMANY
Structural	Primary Steel	Pipe	SAW	ARCELOR MITTAL			FRANCE / LUXEMBOURG
Structural	Primary Steel	Pipe	SAW	BERGROHR GmbH			GERMANY
Structural	Primary Steel	Pipe	SAW	CHANGWON BENDING			KOREA
Structural	Primary Steel	Pipe	SAW	EEW			GERMANY / KOREA
Structural	Primary Steel	Pipe	SAW	EISENBAU KRAMER GMBH			GERMANY
Structural	Primary Steel	Pipe	SAW	EUROPIPE GMBH			GERMANY
Structural	Primary Steel	Pipe	SAW	ILVA SpA (RIVA GROUP)			ITALY
Structural	Primary Steel	Pipe	SAW	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Structural	Primary Steel	Pipe	SAW	NISHIMURA KOKI			JAPAN
Structural	Primary Steel	Pipe	SAW	NSSMC (NIPPON STEEL & SUMITOMO METAL CORPORATION)			JAPAN
Structural	Primary Steel	Pipe	SAW	O.T.K CORPORATION			JAPAN
Structural	Primary Steel	Pipe	SAW	SAM KANG M&T			KOREA
Structural	Primary Steel	Pipe	SAW	TENARIS			ITALY
Structural	Primary Steel	Pipe	SAW	THYSSENKRUPP MANNEX GmbH			GERMANY
Structural	Primary Steel	Pipe	SAW	TOA GAIGYO			JAPAN
Structural	Primary Steel	Pipe	SAW	VALLOUREC & MANNESMANN TUBES			FRANCE
Structural	Primary Steel	Pipe	Seamless	ARCELOR MITTAL			FRANCE / LUXEMBOURG
Structural	Primary Steel	Pipe	Seamless	BERGROHR GmbH			GERMANY
Structural	Primary Steel	Pipe	Seamless	CONSULTEX S.R.L			ITALY
Structural	Primary Steel	Pipe	Seamless	CORUS GROUP			UK
Structural	Primary Steel	Pipe	Seamless	DALMINE			ITALY
Structural	Primary Steel	Pipe	Seamless	DILLINGER HUTTE GTS			GERMANY
Structural	Primary Steel	Pipe	Seamless	EISENBAU KRAMER GmbH			GERMANY
Structural	Primary Steel	Pipe	Seamless	EUROPIPE GmbH			GERMANY
Structural	Primary Steel	Pipe	Seamless	FLANSCHENWERK BEBITZ GmbH			GERMANY
Structural	Primary Steel	Pipe	Seamless	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Structural	Primary Steel	Pipe	Seamless	NISHIMURA KOKI CO., LTD			JAPAN
Structural	Primary Steel	Pipe	Seamless	NSSMC (NIPPON STEEL & SUMITOMO METAL CORPORATION)			JAPAN
Structural	Primary Steel	Pipe	Seamless	O.T.K CORPORATION			JAPAN
Structural	Primary Steel	Pipe	Seamless	SALZGITTER MANNESMANN HANDEL			GERMANY
Structural	Primary Steel	Pipe	Seamless	TENARIS		High strength steel	ITALY
Structural	Primary Steel	Pipe	Seamless	TPS TECHNITUBE RÃ–HRENWERKE GMBH			GERMANY
Structural	Primary Steel	Pipe	Seamless	TUBOS REUNIDOS			ITALY
Structural	Primary Steel	Pipe	Seamless	VALLOUREC			FRANCE / GERMANY
Structural	Primary Steel	Pipe	Seamless	Z.R. Comm			ITALY
Structural	Primary Steel	Plates	Plates	ARCELOR MITTAL			FRANCE / LUXEMBOURG
Structural	Primary Steel	Plates	Plates	Corus group			UK
Structural	Primary Steel	Plates	Plates	DILLINGER HUTTE GTS			GERMANY
Structural	Primary Steel	Plates	Plates	HYUNDAI STEEL			KOREA
Structural	Primary Steel	Plates	Plates	JFE STEEL CORPORATION (AGENT-MARUBENIITOCHU)			JAPAN
Structural	Primary Steel	Plates	Plates	MITSUI & CO., LTD.			Japan
Structural	Primary Steel	Plates	Plates	Nippon Steel & Sumitomo Metal Corporation			Japan
Structural	Primary Steel	Plates	Plates	POSCO			KOREA
Structural	Primary Steel	Plates	Plates	SALZGITTER MANNESMANN HANDEL (AGENT-MARUBENI ITOCHU)			GERMANY
Structural	Primary Steel	Plates	Plates	THYSSENKRUPP MANNEX GmbH			GERMANY
Structural	Primary Steel	Plates	Plates	US STEEL			USA
Structural	Primary Steel	Plates	Plates	VALLOUREC & MANNESMANN TUBES			FRANCE / GERMANY

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Structural	Primary Steel	Plates	Plates	VOESTALPINE GROBBLECH GmbH			AUSTRIA
Structural	Secondary Steel & Non Structur	Beam	Beam	HYUNDAI STEEL			KOREA
Structural	Secondary Steel & Non Structur	Beam	Beam	SIAM YAMATO STEEL			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	COTCO-SV EASTERN STEEL PIPE		Galvanized steel pipe	THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	FUJIAN TUNG KANG STEEL CO.,LTD			CHINA
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	G STEEL PLC			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	GUNAWAN STEEL			INDONESIA
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	GUNUNG GARUDA STEEL			INDONESIA
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	GUNUNG RAJAPAKSI STEEL			INDONESIA
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	KRAKATAU STEEL			INDONESIA
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	KRAKATAU-POSCO			INDONESIA
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	LPN THAILAND			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	NAKORNTHAI STRIP MILL			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	OCEAN PROPERTY STEEL			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	PACIFIC PIPE PLC			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	SAHAVIRIYA STEEL INDUSTRIES PLC			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	TATA STEEL (THAILAND) PUBLIC COMPANY LIMITED			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	THE SIAM IRON & STEEL CO., LTD			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	TRIUMP STEEL			THAILAND
Structural	Secondary Steel & Non Structur	Non structural	Miscelleneous	YANGZHOU MUYANG STEEL STRUCTURE ENGINEERING CO.,LTD			CHINA
Structural	Secondary Steel & Non Structur	Pipe	LSAW	EEW		LSAW (Longitudinal Submerged Arc Welded) pipes for secondary structural steel	MALAYSIA
Structural	Secondary Steel & Non Structur	Pipe	LSAW	PCK		Longitudinal submerged-arc welded (LSAW) carbon steel pipes (API 2B Length 12 m.) - UOE	China
Structural	Secondary Steel & Non Structur	Pipe	LSAW	Wan Chi		Longitudinal submerged-arc welded (LSAW) carbon steel pipes (API 2B Length 12 m.)	China
Structural	Secondary Steel & Non Structur	Pipe	SAW	BENTELLER			GERMANY
Structural	Secondary Steel & Non Structur	Pipe	SAW	CHANGWON BENDING			KOREA
Structural	Secondary Steel & Non Structur	Pipe	SAW	Dong Yang			KOREA
Structural	Secondary Steel & Non Structur	Pipe	SAW	EEW			MALAYSIA
Structural	Secondary Steel & Non Structur	Pipe	SAW	L&T MFY Oman & L&T MFF Hazira			INDIA / OMAN
Structural	Secondary Steel & Non Structur	Pipe	Seamless	BENTELLER			GERMANY
Structural	Secondary Steel & Non Structur	Pipe	Seamless	ISMT			INDIA
Structural	Secondary Steel & Non Structur	Pipe	Seamless	Jindal Saw Ltd			INDIA
Structural	Secondary Steel & Non Structur	Pipe	Seamless	Maharashtra Seamless Ltd			INDIA
Structural	Secondary Steel & Non Structur	Pipe	Seamless	Tianjin Pipe (Group) Corp "TPCO"			CHINA
Structural	Secondary Steel & Non Structur	Plates	Plates	DILLINGER HUTTE GTS			GERMANY
Structural	Secondary Steel & Non Structur	Plates	Plates	DONG KUK STEEL			KOREA
Structural	Secondary Steel & Non Structur	Plates	Plates	Hunan Valin Xiangtan Iron and Steel Co., Ltd			CHINA
Structural	Secondary Steel & Non Structur	Plates	Plates	POSCO			KOREA
Structural	Secondary Steel & Non Structur	Plates	Plates	SAHAVIRIYA PLATE MILL			THAILAND
Structural	Secondary Steel & Non Structur	Plates	Plates	Shougang - SQS		Carbon steel plate for secondary structural steel	China
Telecommunication							
Telecommunication	Communication	Telemetry System (RTU)	Telemetry System (RTU)	KNIGHT ACCESS			
Telecommunication	Communication	Telemetry System (RTU)	Telemetry System (RTU)	RADIO HOLLAND (+ MOTOROLA MOSCAD)			
Telecommunication	Communication	Telemetry System (RTU)	Telemetry System (RTU)	Allen-Bradley			USA
Telecommunication	Communication	Telemetry System (RTU)	Telemetry System (RTU)	Kingfisher (OVARRO)			Australia
Telecommunication	System	Telemetry	Telemetry system Integrator +	FUSION ASIA TECHNOLOGY (THAILAND) CO.,LTD.			
Telecommunication	System	Telemetry	Telemetry system Integrator +	OMEGA			
Telecommunication	System	Telemetry	Telemetry system Integrator +	REDLINE			Canada
Telecommunication	System	Telemetry	Telemetry system Integrator +	RADWIN			
Telecommunication	Telecommunication Equipment	CCTV	CCTV	COEX			
Telecommunication	Telecommunication Equipment	CCTV	CCTV	AXIS			
Telecommunication	Telecommunication Equipment	CCTV	CCTV	Hikvision			China
Telecommunication	Telecommunication Equipment	CCTV	CCTV	PELCO			USA
Telecommunication	Telecommunication Equipment	SCADA Radio	SCADA Radio	Redline			
Telecommunication	Telecommunication Equipment	SCADA Radio	SCADA Radio	RADWIN			
Telecommunication	Telecommunication Equipment	SCADA Radio	SCADA Radio	Cambuim			USA
Telecommunication	Telecommunication Equipment	Telephone	Ex-Telephone	GAI-Tronics			
Telecommunication	Telecommunication Equipment	PAGA System	PAGA System	GAI-Tronics			
Telecommunication	Telecommunication Equipment	IP Telecphone System	IP Telephone System	CISCO			USA
Telecommunication	Telecommunication Equipment	IP Telecphone System	IP Telephone System	AVAYA			USA
Telecommunication	Telecommunication Equipment	IP Telecphone System	IP Telephone System	SIEMENS			GERMANY
Telecommunication	Telecommunication Equipment	IP Telecphone System	IP Telephone System	NEC			JAPAN
Telecommunication	Telecommunication Equipment	Fiber Optic Transmission Equipment	Fiber Optic Transmission Equipment	CORIANT			GERMANY
Telecommunication	Telecommunication Equipment	Fiber Optic Transmission Equipment	Fiber Optic Transmission Equipment	HUAWEI			China
Telecommunication	Telecommunication Equipment	Fiber Optic Transmission Equipment	Fiber Optic Transmission Equipment	CXR Anderson Jacobson			Canada
Telecommunication	Telecommunication Equipment	Fiber Optic Transmission Equipment	Fiber Optic Transmission Equipment	Alcatel Lucent			USA
Telecommunication	Telecommunication Equipment	Fiber Optic Cable	Fiber Optic Cable	Corning			USA
Telecommunication	Telecommunication Equipment	Fiber Optic Cable	Fiber Optic Cable	Nexan			France
Telecommunication	Telecommunication Equipment	Fiber Optic Duct	Fiber Optic Duct	Duraline			USA/ India
Telecommunication	Telecommunication Equipment	Fiber Optic Duct	Fiber Optic Duct	Dura-Mine			Malaysia
Telecommunication	Telecommunication Equipment	UHF, VHF radio repeater /base station /trunking system	UHF, VHF radio repeater /base station /trunking system	MOTOROLA			FRANCE
Telecommunication	Telecommunication Equipment	UHF, VHF radio repeater /base station /trunking system	UHF, VHF radio repeater /base station /trunking system	PICIORGROS			GERMANY
Telecommunication	Telecommunication Equipment	UHF, VHF radio repeater /base station /trunking system	UHF, VHF radio repeater /base station /trunking system	Hytera			China
Telecommunication	Telecommunication Equipment	UHF, VHF radio repeater /base station /trunking system	UHF, VHF radio repeater /base station /trunking system	TAIT			TC
Construction							
Construction	Construction	Welding Electrode	Welding Electrode	AVESTA WELDING			SWEDEN
Construction	Construction	Welding Electrode	Welding Electrode	HOBART BROTHERS			USA
Construction	Construction	Welding Electrode	Welding Electrode	HYUNDAI			KOREA
Construction	Construction	Welding Electrode	Welding Electrode	KOBE STEEL (for FCAW-GS)			JAPAN / KOREA / THAILAND
Construction	Construction	Welding Electrode	Welding Electrode	KOBE STEEL (SMAW / GTAW)			JAPAN / KOREA / THAILAND
Construction	Construction	Welding Electrode	Welding Electrode	Linclon (for SMAW)			AUSTRALIA / FRANCE / USA
Construction	Construction	Welding Electrode	Welding Electrode	LINCOLN (SAW / FACW)			AUSTRALIA / FRANCE / USA
Construction	Construction	Welding Electrode	Welding Electrode	METRODE PRODUCTS LTD (Duplex Stainless Steel)			UK
Construction	Construction	Welding Electrode	Welding Electrode	NITTESU WELDING PRODUCTS			JAPAN
Construction	Construction	Welding Electrode	Welding Electrode	SANDVIK WELDING PRODUCTS			SWEDEN
Construction	Construction	Welding Electrode	Welding Electrode	Thai-Kobe Welding Co., Ltd		- SMAW AWS A5.1 E6013(RB26,KOBE-30), E6019(B-14) - SMAW AWS A5.1 E7016(LH-2000, LB-52, LB-52U), E7018(LB-52-18,LB-7018-1) - SMAW AWS A5.5 E8016-G(LB55U), E8018G(LB-8018) - SMAW AWS A5.4 E308-17(KOBE-308), E308L-17(KOBE308L), E308-16(NC-38), E308L-16(NC-38L), E316-16(NC-36), EE316L-16(NC-36L, E309-16(NC-39), E309L-16(NC-39L) - GTAW AWS A5.18 ER70S-2 (TG-S70S2), ER70S-3(TG-S70S3), ER70S-6(TG-S51T) and ER70S-G(TG_S50). - GTAW AWS A5.9 ER308L(TG-S308L), ER308H(TG-S308H), ER316(TG-S316), ER316L(TG-S316L), ER310(TG-S310), ER347(TG-S347), ER309(TG-S309), ER309L(TG-S309L)	THAILAND
Construction	Construction	Welding Electrode	Welding Electrode(For pipeline welding)	OERLIKON			FRANCE
Construction	Construction	Welding Electrode	Welding Wire for Pipeline	Nippon Steel & Sumikin Welding (for YM-58B only)			JAPAN

Discipline	Group	Sub Group	Item Description	VENDORS	Make & Model	Qualification range	Country of Origin
Construction	Construction	Welding Electrode	Welding Electrode	ESAB			SWEDEN
Construction	Construction	Welding Electrode	Welding Electrode	ESAB		FCAW-GS only	CHINA/KOREA
Construction	Construction	Welding Electrode	Welding Electrode	LINCOLN		SMAW only	INDONESIA
Construction	Construction	Welding Electrode	Welding Electrode	BOHLER		SAW only	GERMANY
Construction	Construction	Welding Electrode	Welding Electrode	HOBART BROTHERS		SAW only	TAIWAN

Exhibit J Annex-2

Lists of VENDORs for Mechanical Equipment

List of Approved Vendor List for Mechanical Equipent and Package

PROJECT: **EPC of Onshore Processing Facilities and Associated Onshore Pipelines for Aung Sinkha Development Project**

LOCATION : Myanmar

Major	RFQ No.	Package No.	Equipment Description	Brand	BIDDER Name	Bidder Country of origin	Bidder Contact Detail	Bidder E-mail	Bidder Telephone
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	Solar	SOLAR (Solar Turbines International Company)	USA	Daryl Penfold, Area Manager	Penfold_Daryl@solarturbines.com	Mobile: +60 12 383 7730
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	Siemens	SIEMENS Energies (Dresser-Rand India Private Limited)	INDIA	Gunjan Anand (Project Manager) Amrit (Thailand)	gunjan.anand@siemens-energy.com amrit.moktir_singh.ext@siemens-energy.com	Phone: +91 7922806460 Mobile: +91 9825715356
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	Mitsubishi International Corp	Mitsubishi Corporation Machinery Inc	Japan	Mr Shunsuke Tanaka -SEA [Supaporn- thailand]	shunsuke.tanaka@mcm.mitsubishicorp.com stephane.houis@mitsubishicorp.com	Mobile: +81-70-3819-5551 [081-9270193]
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	MAN Energy Solutions Malaysia	MAN Energy Solutions Malaysia ES Sdn. Bhd.	THAILAND	Luntharima Somchit - Sales Manager	luntharima.somchit@man-es.com	P +662 627 5888 Ext. 863 M +66 92 224 5945 F +662 627 5880
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	Hitachi	HITACHI ASIA (THAILAND) COMPANY LIMITED	THAILAND	Khun aeakchana	eakchana.a.mw@hitachi.com	(+66) 2 632 9292 ext. 206 (+66) 87 671 1089
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	Elliott Turbomachinery	ELLIOTT GROUP, EBARA CORPORATION	Singapore	Akihide Hamada Regional Sales Manager, South East Asia	ahamada@elliott-turbo.com	(+65) 81636566
Y	MM-ASK-1A-APF-MEC-MR-0001	**M001**	Export gas compressor package	BHGE	BHGE(Baker hughes a GE company) Nuovo Pignone international S.r.l	THAILAND	Dr.Wantana Somcharoenwattana Director – Sales TPS, Thailand, Myanmar and Vietnam E&P Turbomachinery & Process Solutions	Satyajit.avhad@bhge.com wantana.somcharoenwattana@BakerHughes.com	M +66 62 605 7318
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Jord International	Jord International	Singapore	Ronnie Tan Arjun Doorvasula	usat@jord.com.au rtan@jord.com.au DMallikarjun@jord.com.au	Tel : +66 2 6788700 (Thailand) +65 6879 4088 (Jord international) Tel : +65 68 79 40 78 Mob : +65 98 34 21 68
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Petro Techna International Ltd.	Petro Techna International Ltd.	Canada	Elham Kaini Shawn Karimian	elham@petro-techna.com CC : shawn@Petro-Techna.com	+1 (416) 444-0071
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Enerflex Pte Ltd	Enerflex Pte Ltd	Singapore		info@enerflex.com (jakatar) AAServicePartsSEAsia@enerflex.com (part enquiry) info@enerflex.kr (Korea)	
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Cameron Solutions Sdn Bhd.	Cameron Solutions Sdn Bhd. (A Schlumberger Company)	Malaysia	Mr. Amir Hafis Bin Zainol Abidin Mr. Moniandy Ganeshakumaran Mr. Sopon Pinitkuarmdee	AAbidin5@cameron.slb.com MGaneshakumaran@slb.com SPinitkuarmdee@slb.com	Mob : +60 3 7718 4658 (Mr. Amit) Mob : +60 3 7718 4658 (Mr. Moniandy) Mob : +66 8 9203 9516 (Mr. Sopon)
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Process Group Pte. Ltd. (SUEZ) (Singapore)	SUEZ Oil & Gas Systems	Singapore	NG Alvin	alvin.ng@suez.com	Tel : (+65) 6833 5049 Mob : (+65) 9850 5397
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Frame	FRAMES ASIA PACIFIC SDN. BHD	Malaysia	BOLHUIS Sjoert	s.bolhuis@frames-group.com	Tel : (+60) 3 2284 0822 Mobile : (+60) 126315315
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Exterran	Exterran (Thailand) Ltd.	Thailand	Orjedsadakul, Sumit	Sumit.Orjedsadakul@Exterran.com	+ 66 2096 3803 DIRECT (new phone number) + 66 6 2258 5539 MOBILE
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Axens	AXENS SOUTH EAST ASIA SDN BHD	Malaysia	FOO Casey Dr. Arnut (Axens' representative in Thailand) ALZAGA Florent	casey.foo@axens.net Florent.ALZAGA@axens.net arnut@hcs-thailand.com	(+60) 3 6205 5218 Ext. 117
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Pall	Pall Corporation Filtration & Separations (Thailand) Ltd.	Thailand	Rattatammanoon Chanaphot (Can) Senior sales engineer F&C	rattatammanoon_chanaphot@ap.pall.com	Tel: +66 (0) 2937 1055 ext.1125 Mob: +66 8 7916 5599
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Prosep	PROSEP AP SDN BHD	USA	HALLAHAN Greg	Ghallahan@prosep.com	Tel : (+281) 504-2048 Mob : (+281) 988-4358
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Comart (Find contact Italy)	COMART SPA, ITALY	Italy	SAVORINI Eleonora (Sales Assistant) VAVASSORI Elena	eleonora.savorini@tozziholding.com elena.vavassori@tozziholding.com	(+39) 0544525193
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	KCC Process Equipment Ltd	Cameron Solutions Sdn Bhd. (A Schlumberger Company)	Malaysia	Mr. Amir Hafis Bin Zainol Abidin Mr. Moniandy Ganeshakumaran Mr. Sopon Pinitkuarmdee	AAbidin5@cameron.slb.com MGaneshakumaran@slb.com SPinitkuarmdee@slb.com	Mob : +60 3 7718 4658 (Mr. Amit) Mob : +60 3 7718 4658 (Mr. Moniandy) Mob : +66 8 9203 9516 (Mr. Sopon)
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	LINDE AG	Linde (Thailand) Public Company Limited	Thailand	K. Sukritta	Sukritta.Ruekgri@linde.com	Tel : +66 2.338-6100 Mob : 083-8330550
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Mackezie Hydrocarbon					
Y	MM-ASK-1A-APF-MEC-MR-0002	**M002**	Glycol System Package	Kvaerner Process System	OEG Offshore	Malaysia	mohammad yeo	mohammad.yeo@oegoffshore.com	(+6012) 6638747
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Veolia water soulution& Technologies (Thailand) Ltd. (Veolia)	Veolia water Technologies (Asia)	Singapore	Chiang, Heng Kheng (Country Director Indonesia/ Thailand/ Vietnam, SEA)	grace.chen@veolia.com hengkheng.chiang@veolia.com	Tel : +65 67 15 52 00 Mob : +65 90279610
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	GE Water & Process Technologies	GE Water & Process Technologies (Change to Suze)	Thailand	K. Jiranat	jiranat.sumanont@suez.com	Mob : +66-84-8767287
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	CWT	Columbia Water Technology (Thailand) Ltd		Sampan Keawmuan	sampan.keawmuan@columbiawatertech.com	Mob: +66 98 824 2651
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Tonka Water	Kurita America Inc.	USA	Sale teams Mr. LAMM Art	KAI_Orders@kurita-water.com alamm@kuritaamerica.com	Tel : (866) 663-7632
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	ChemTreat	Chem Treat, Inc.	USA	Company contact	cs_orders@chemtreat.com	Tel : 800-648-4579
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Canadian Crystalline Water India Limited	Canadian Crystalline Water India Limited	India	Company contact		Tel : +91-8048761920
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	WABAG	VA TECH WABAG LTD	India	KUMAR Santhosh	s_santhoshkumar@wabag.in	+91 90940 33545
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Eastwater	Eastwater Group	Thailand	Mr. Krerkkiat Kaewjumpa (Palm)	Krerkkiat_kae@eastwater.com	Tel : 0892004214
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Ecolab Thailand	Ecolab Thailand	Thailand	K.patcharaporn K. Rahul Urkude Neti, Kosiri	rurkude@ecolab.com kneti@ecolab.com wsingsanchit@ecolab.com th.customerservice@ecolab.com	866651393 (Kh,Pat) Mob : +66 901 976 207 Kosiri - 081 818 0802
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Permo (BWT)	BWT PERMO	France	DAISNE Laurent CULLMANN Pierre	pierre.cullmann@bwt.fr laurent.daisne@bwt.fr	01 49 22 45 00 06 13 45 24 58
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Kurita	KURITA-GK CHEMICAL CO., LTD. (Thailand)	Thailand	K. Vitoon Rathsamut K. Tanachai Nilkhiew K. Jongkol Cheerat Mr. Ryosuke Yoshimura K. Kittirat Wichianpanya	V.rathsamut18@kurita-water.com CC : t.nilkhiew19@kurita-water.com j.cheerat92@kurita-water.com r.yoshimura83@kurita-water.com k.wichianpanya45@kurita-water.com	Mob : 089-6734834 (K. Vitoon)
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Nippon Rensui	Mitsubishi Chemical Aqua Solutions Co., Ltd.	Japan	Ms. Naoko Mori Ms. Emi Sahara Ms. Naoki Yasuda	mori.naoko.ma@m-chemical.co.jp sahara.emi.ma@m-chemical.co.jp yasuda.naoki.ma@m-chemical.co.jp	Tel : [+81]3-6748-7462
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	PWT (Australia)	Macaw Water International Co.,Ltd (distributor of PWT)	UK	Thatchai Harnmungtum	Thatchai Harnmungtum (Managing Director)	Mob: 081-344-2939
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Degremont	Under Suze group (merge with Suze) DEGREMONT (MALAYSIA) SDN BHD	Malaysia	Mr. Jonathan Lister Mr. Mohd RedZarul (Assistant Manager)		Mob : (+6012) 5101151
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Weir Services Australia	Weir Group PLC	Australia	Company contact	contact-us@mail.weir	T: +44 (0)141 637 7111
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Umeka	Umeka solutech co., Ltd.	Thailand	K. Thananchai (Senior Sales Engineer) K. Pimolwan (Sales Administrator)	support@umekasolutech.com thananchai@umekasolutech.com	+66 61-078-7976 (K. Thananchai) +66-95-883-1086 (K. Pimolwan)
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package		Goshu Kohsan Co., Ltd	THAILAND	Ms. Atinudda Ratchatasot	atinudda@goshukohsan.com	Tel : +66 2312-4159-61 , +66 2312-4171-5 Ext. 649 Mob: +666 5524-8183
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package		S.Napa (Thailand) Co., Ltd SNG Solutions Co., Ltd.	THAILAND	Vichaphat P. - Deputy Manager Design and Technical Kamonchanok Jaroenchaichana (Amm) -Marketing Officer	vichaphat@SNAPA.CO.TH Kamonchanok@SNG-SOLUTIONS.CO.TH	Mobile : 089-6615636 (K.Vichaphat) Mob: (+66 9) 3294-2629 (K.Kamonchanok)
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	Goje	Nanjing Gaojie Light Industry Equipment Co., Ltd.	China	Mr. Matthew	foreign-1@goje.com.cn	Mob : +86 15952061210
Y	MM-ASK-1A-APF-MEC-MR-0003	**M003**	Raw Water treatment package	ION Exchange (India)	Ion Exchange Asia Pacific (Thailand) Ltd	Thailand	K. Gaurav Khullar (Manager) K. Kullachat (Engineer) K. Reamson (Sale)	gaurav.khullar@ionexchange.co.in CC : kullachat.k@ionexchangeglobal.com reamson.d@ionexchange.co.th deepak.m@ionexchange.co.th	Tel : 061-8179714 (K. Gaurav) Tel : 061-4360956 (K. Chery)
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Milton Roy	Milton Roy Asia Pacific Pte Ltd.	Singapore	Boonrat M. Area Sales Manager	Maisutisakul, Boonrat <boonrat.maisutisakul@miltonroy.com>	mobile +6689.897.6195
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Alton/McFarland	Alton International (S) Pte Ltd	Singapore/ USA	Alton-Wandy Susilo Mr. Ng Tze Hog	<wandy.susilo@alton.com.sg> : tzehong.ng@federal-int.com.sg	DID : (+65) 6496 5484 ,Mobile : (+65) 94502281 Mobile : 9878 7750

List of Approved Vendor List for Mechanical Equipent and Package

PROJECT: **EPC of Onshore Processing Facilities and Associated Onshore Pipelines for Aung Sinkha Development Project**

LOCATION : Myanmar

Major	RFQ No.	Package No.	Equipment Description	Brand	BIDDER Name	Bidder Country of origin	Bidder Contact Detail	Bidder E-mail	Bidder Telephone
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Bran & Luebbe (BY SPX)	PD Flowtech Co.,Ltd	Thailand	Chinorot Ratchapring (Chi) | Sales Engineer	To : crr@pdflowtech.com; CC: npt@pdflowtech.com	M : +668-6654-9097 | Tel : 02-591-9730
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Checkpoint	THOMASMADE CO., LTD.	Thailand	Jimmy Udomcharn	To : Jimmy <jimmy@thomasmade.co.th>	Mobile: +669 9 369 6965 Tel: +66 2 652 8029 Fax:+66 2 652 8030
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Flowtech	Flowtech Services GmbH	Germany	Bernhard Hug	hug@flowte.ch	+41 52 233 96 07 +41 52 233 96 08
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	CSI Technologies (Thailand) Co,.Ltd	CSI Technologies (Thailand) Co,.Ltd(Milton Roy)	Thailand	Mr. Wichai Kruapimai	wk@csi.co.th	Tel : +66 2941 5599 Cell :+66 8359 9716 1
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Kvaerner Process System	Aker Solutions Malaysia Sdn Bhd	Malaysia	Soo Ing Keong Senior Manager Business Development	ing.keong.soo@akersolutions.com	Tel: +603 2385 7074 | Mob: +60 172495417
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	E-Production/Brisco					
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	S.A. Technologies Pte Ltd (Designer & Packager)				enquiries@satech.com.sg	
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Allied Calibration Eng Serv Sdn Bhd	ALLIED CALIBRATION ENGINEERING SERVICES SDN. BHD.	Malaysia	mr.Muszain (Engineer)	muszaini@aces.my; CC : roslan@aces.my;rash	Tel: +603-7859 6399 Fax: +603-7859 7100
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Lewa	Kanit Engineering Corp., Ltd	Thailand	Thanapat	(thanapat@kanitengineering.com; thinakorn@kanitengineering.com)	Tel:66 (0) 2 642 8762-4 Cell no. 0886704260 (Thanapat)
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	NIKKISO					
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Dergremont					
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Multiphase Oil & Gas Co., Ltd. (Multiphase Oil&Gas)	Multiphase Oil & Gas Co., Ltd.	Thailand	Mr. Aticha , Mr. Aekawat (athicha@multiphase-og.com ;aekawat@multiphase-og.com)	athicha@multiphase-og.com ;aekawat@multiphase-og.com	ATHICHA I. (Mr.) Tel : +66(0) 86 806 8798 Aekawat Joohong General Manager Mobile:+(66)81-8673644
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Process Group Pte. Ltd. (Singapore)	Process Group Pte. Ltd. (Singapore)		Alvin NG Sales Manager	alvin.ng@suez.com	Mob: +65 9850 5397
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	NALCO	Nalco Industrial Services (Thailand) Co., Ltd.	Thailand	Mr. Roongroj Thepsutham/ Account Manager	rthepsutham@ecolab.com	+66 (0) 2126 9499 M.+66 (0) 89167 8524
Y	MM-ASK-1A-APF-MEC-MR-0004	**M004**	Chemical injection package	Lewa-Nikkiso Singapore Ltd.				Jie.Sun@lewa-nikkiso.sg	
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Milton Roy	Milton Roy Asia Pacific Pte Ltd.	Singapore	Boonrat M. Area Sales Manager	Maisutisakul, Boonrat <boonrat.maisutisakul@miltonroy.com>	mobile +6689.897.6195
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Allied Calibration Eng Serv Sdn Bhd	ALLIED CALIBRATION ENGINEERING SERVICES SDN. BHD.	Malaysia	mr.Muszain (Engineer)	muszaini@aces.my; CC : roslan@aces.my;rash	Tel: +603-7859 6399 Fax: +603-7859 7100
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Alton/McFarland	Alton International (S) Pte Ltd	Singapore/ USA	Alton-Wandy Susilo Mr. Ng Tze Hog	<wandy.susilo@alton.com.sg> ; tzehong.ng@federal-int.com.sg	DID : (+65) 6496 5484 ,Mobile : (+65) 94502281 Mobile : 9878 7750
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Bran & Luebbe (bY SPX)	PD Flowtech Co.,Ltd	Thailand	Chinorot Ratchapring (Chi) | Sales Engineer	To : crr@pdflowtech.com; CC: npt@pdflowtech.com	M : +668-6654-9097 | Tel : 02-591-9730
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Checkpoint	THOMASMADE CO., LTD.	Thailand	Jimmy Udomcharn	To : Jimmy <jimmy@thomasmade.co.th>	Mobile: +669 9 369 6965 Tel: +66 2 652 8029 Fax:+66 2 652 8030
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	CSI Technologies (Thailand) Co,.Ltd	CSI Technologies (Thailand) Co,.Ltd(Milton Roy)	Thailand	Mr. Wichai Kruapimai	wk@csi.co.th	Tel : +66 2941 5599 Cell :+66 8359 9716 1
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Kvaerner Process System	Aker Solutions Malaysia Sdn Bhd	Malaysia	Soo Ing Keong Senior Manager Business Development	ing.keong.soo@akersolutions.com	Tel: +603 2385 7074 | Mob: +60 172495417
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	E-Production/Brisco					
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	S.A. Technologies Pte., Ltd. (Designer & Packager)				enquiries@satech.com.sg	
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Flowtech	Flowtech Services GmbH	Germany	Bernhard Hug	hug@flowte.ch	+41 52 233 96 07 +41 52 233 96 08
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Lewa	Kanit Engineering Corp., Ltd	Thailand	Thanapat	(thanapat@kanitengineering.com; thinakorn@kanitengineering.com)	Tel:66 (0) 2 642 8762-4 Cell no. 0886704260 (Thanapat)
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Multiphase Oil & Gas Co., Ltd. (Multiphase Oil&Gas)	Multiphase Oil & Gas Co., Ltd.	Thailand	Mr. Aticha , Mr. Aekawat (athicha@multiphase-og.com ;aekawat@multiphase-og.com)	athicha@multiphase-og.com ;aekawat@multiphase-og.com	ATHICHA I. (Mr.) Tel : +66(0) 86 806 8798 Aekawat Joohong General Manager Mobile:+(66)81-8673644
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	NIKKISO					
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Dergremont					
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	NALCO	Nalco Industrial Services (Thailand) Co., Ltd.	Thailand	Mr. Roongroj Thepsutham/ Account Manager	rthepsutham@ecolab.com	+66 (0) 2126 9499 M.+66 (0) 89167 8524
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Process Group Pte. Ltd. (Singapore)	Process Group Pte. Ltd. (Singapore)		Alvin NG Sales Manager	alvin.ng@suez.com	Mob: +65 9850 5397
Y	MM-ASK-1A-APF-MEC-MR-0005	**M005**	Hypochlorite Injection Package	Lewa-Nikkiso Singapore Ltd.	LEWA-Nikkiso Singapore Pte Ltd	SIngapore	Sun Jie	Jie.Sun@lewa-nikkiso.sg	Direct Line: +65 6664 1772 Main Line: +65 6861 7127
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Chromalox	Chromalox Co., Ltd. - Asia Pacific	Thailand	Rukrach, Direk Mr.Lee Adams	Lee.Adams@chromalox.com Direk.Rukrach@chromalox.com	Phone: +66 (0)38 190916-9 Ext No:120 Mobile: +66 (0)87 021 4262 K.direk 0850830984
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	CSI Technologies (Thailand) Co,.Ltd	CSI Technologies (Thailand) Co,.Ltd (PECo)	Thailand	Mr. Wichai Kruapimai	wk@csi.co.th	Tel : +66 2941 5599 Cell :+66 8359 9716 1
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	EN-FAB, Inc.	EN-FAB, INC.	USA	Ian Noble Outside Sales	sales@en-fabinc.com	Cell: (281) 701-6733 Phone: (346) 980-0761
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Exheat Pte Ltd,	EXHEAT PTE LTD	Singapore	Patrick Leong Regional Sales Manager	patrick.leong@exheat.com	DID: +65 6496 4612 Mob: +65 9826 1971
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Exterran	Exterran (Thailand) Ltd.	Thailand	Sumit Orjedsadakul -Myanmar sales	Sumit.Orjedsadakul@Exterran.com	tel.+65 6861 0344
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Flexisolve Technology Pte Ltd	FLEXISOLVE TECHNOLOGY PTE LTD	Singapore	Chye C Tan -Manager	chye@flexisolve.com	(65) 9455 7195
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Multitex	MULTITEX FILTRATION ENGINEERS LTD.	India	Chirag Gupta	chirag.gupta@multitex-group.com	(+91) 9999510911
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Jord International	JORD INTERNATIONAL PTE LTD	Singapore	Arjun Sales - Energy, Asia	DMallikarjun@jord.com.au arunk@jord.com.au rtan@jord.com.au	tel: +65 68 79 40 78 mob: +65 98 34 21 68
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Multiphase Oil & Gas Co., Ltd. (Multiphase Oil&Gas)	Multiphase Oil & Gas Co., Ltd.	Thailand	Aekawat Joohong General Manager	aekawat@multiphase-og.com	Mobile:+(66)81-8673644
Y	MM-ASK-1A-APF-MEC-MR-0006	**M006**	Fuel gas treatment package	Sparco Engineering Sdn Bhd	Sparco Engineering Sdn Bhd	Malaysia	Rafeal Eli Technical Manager	alimaxim@sparcoengineering.com.my	tel. +603-58797407 +6016-2663487 +6016-5630116
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	FLAROMAN	FLAROMAN FLARE COMBUSTION TECHNOLOGY (Division of Majees Technical Services LLC)	India	Kiran Manjunath	India Cell / GSM: +91- 8095454521 Tel: +968-2443 7899 / 2443 7933	ron@flaroman.com kiran@flaroman.com
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	John Zink	JOHN ZINK ASIA-PACIFIC	Singapore	Zoey.lin Vignes Rajagopal (Sale Manager)	zoey.lin@kes.global CHOUGULE, SHIVRAJ <shivraj.chougule@kes.global>	(+65) 6831 6564/(+65) 9723 9005
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Callidus Technologies, LLC	CALLIDUS TECHNOLOGIES BY HONEYWELL	China	Mr. Xu, Sam	Sam.Xu@Honeywell.com	Mob : +86 133 3190 6096
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Argo Flare Services Ltd	Argo Flare Services Ltd	UK	Alistair Blest (Business Manager)	ab@argoflares.com	Tel: +44 (0)1628 478776 Mob: 07966 246023
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Armstrong	Chemtec UK Limited. (Armstrong Engineering Associates, Inc.)	Singapore	Mr. Derrick Ong Regional Sales Manager	derrick.ong@armstrong-chemtec.com	M.+65 9325 1010
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	NAO Inc	NAO Inc.	USA	Mrs. Bianca McCue	sales@nao.com Bianca.McCue@nao.com	Tel : (215) 743-5300, ext 203
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Ashcor	ASHCOR Corporate	USA	Company contact		Tel : 423-498-1988
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Anka	Anka Yenilenebilir Enerji Ltd.	Turkey	Company contact	info@ankaenerji.com.tr	Tel : +90 212 438 02 57
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Tai Crest	Tai Crest Resources Sdn Bhd	Malaysia	Alan Kok Farhan Ayub	alan@taicrest.com sales@taicrest.com farhan@taicrest.com	+603 7845 9309 / +6019-3309572

List of Approved Vendor List for Mechanical Equipent and Package

PROJECT: **EPC of Onshore Processing Facilities and Associated Onshore Pipelines for Aung Sinkha Development Project**

LOCATION : Myanmar

Major	RFQ No.	Package No.	Equipment Description	Brand	BIDDER Name	Bidder Country of origin	Bidder Contact Detail	Bidder E-mail	Bidder Telephone
Y	MM-ASK-1A-APF-MEC-MR-0008	**M008**	Flare package	Zeeco, Inc	Zeeco SE Asia Pte. Ltd.	Singapore	K. Joe Pinitsuwan K. Michael Potwora	Michael_Potwora@zeeco.com Joe_Pinitsuwan@zeeco.com	MP: +66 80 2598915 / +1 918 330 3488 (K. Joe) Main: +1 918 258 8551 | Direct: +1 918 893 8485 (K. Michael)
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	Atlas Copco	Atlas Copco (Thailand) Ltd.	Thailand	Mr. Siraphob- sale Engineer	siraphob.diloktakolkarn@atlascopco.com	Phone: +66 38 562 900 Mobile: 091 818 4036 (K. Siraphob)
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	CAPS Australia	CAPS Australia	Australia	Debbie Elbrow (International sales representative)	info@caps.com.au CC : Debbie.Elbrow@caps.com.au	Tel: +61 (08) 6250 9800 Tel : +61 3 8527 6880 (Debbie)
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	Ingersoll Rand	Premium Equipment & Engineering Co.,Ltd	Thailand	K.Somsak- Sr. Sale engineer	somsak@premium.co.th	08-1697-1506
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	Kaeser	KAESER KOMPRESSOREN SDN BHD	Malaysia	Paweena Kusontipcharoen (Ms.) Manager, Project Sales Ms. Teoh, Fionne CC : Koh, Abigail (Sale)	paweena.kusontipcharoen@kaeser.com fionne.teoh@kaeser.com CC : abigail.koh@kaeser.com	Mob: +66 81 174 6520 Tel: +66 38 447 401-3 #517 Fax:+66 38 447 404
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	Multiphase Oil & Gas Co., Ltd. (Sullair or Atlas copco)	Multiphase Oil & Gas Co., Ltd.	Thailand	Mr.Aphisit	Aphisit@multiphase-og.com	Mobile : +66(8) 6302 4296
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	SHIRAKAWA	Kokusai Commerce Co., Ltd.,	Japan	Mr. Masa Fukuda Yamada san	m-fukuda@kokusai-commerce.co.jp CC : nori-yamada@kokusai-commerce.co.jp	Tel:+81-3-5733-2171
Y	MM-ASK-1A-APF-MEC-MR-0009	**M009**	Air compressor and Air dryer package	Silicage Berlin (Germany)	Silica Verfahrenstechnik GmbH	Germany	Mr. FISCHER Christof	info@silica.de c.fischer@silica.de	Tel : +49 30 435 735 Mob : (+49) 30 43573 324 (Mr. Christof)
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Airpack	AIRPACK NEDERLAND B.V.	Netherlands	Mr. ROBBIN JOBSE	airpack@airpack.nl	(0031) (+31) 111 415 455
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Atlas Copco/Cirmac	Atlas Copco (Thailand) Ltd	Thailand	Mr. Siraphob- sale Engineer Mr. Prachya (Sale Manager)	siraphob.diloktakolkarn@atlascopco.com akanee.watjarapipatpunta@atlascopco.com	Phone: +66 38 562 900 - Mobile: 091 818 4036 n/a
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	CSI Technologies (Thailand) Co, Ltd	CSI Technologies (Thailand) Co, Ltd	Thailand	Mr. Wichai Kruapimai	wk@csi.co.th	Tel : +66 2941 5599 Cell : +66 8359 9716 1
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Kvaerner Process System	Aker Solutions Malaysia Sdn Bhd	Malaysia	Soo Ing Keong Senior Manager Business Development	chidchanok@unimit.com	Tel: +603 2385 7074 | Mob: +60 172495417
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Peak Gas Generation	Peak	The Netherlands	Sumeth Santawachakorn	ssantawachakorn@peakscientific.com	+66 (0) 92 247 8894
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Cirmac					
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Wärtsilä Moss AS					
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	Premium Equipment & Engineering Co., Ltd.	Premium Equipment & Engineering Co.,Ltd	Thailand	K.Somsak- Sr. Sales engineer	somsak@premium.co.th	08-1697-1506
Y	MM-ASK-1A-APF-MEC-MR-0010	**M010**	Nitrogen generator package	WME	WATER MIST ENGINEERING AS	Norway	Erik Strandli	sales@wme.no/Erik Strandli <es@wme.no>	Mobile:+ 47 46 50 66 84 Office : + 47 38 01 90 70
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Armstrong	Inter Project Engineering Co Ltd.	Thailand	Preecha Booncharoensombat <ipegroup@ksc.th.com>	ipegroup@ksc.th.com	T: 662 751-7027-8/
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Flowserve Group	Enfourtech Corp. Ltd.	Thailand	Mr. Auttapal Sriwichai (Mechanical Sales Manager) Ms.Yaowadee (Senior Ins sale engineer) Mr. Rattee Limjirawattana	auttapal@enfourtech.com yaowadee@enfourtech.com rattee@enfourtech.com	Mob : +6685 142 7070 (K. Rattee) Mob : +66(0)63-4129449 (K. Auttapal)
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Syncroflo				marketing@syncroflo.com	
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Pentair Fairbanks					
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	KSB	CSI Technologies (Thailand) Co, Ltd	Thailand	K. sarutthaya	sarutthayas@csi.co.th 'Wichai Kruapimai' <wk@csi.co.th>; 'Sriprapa Eiamthanakul' <se@csi.co.th>; cm@csi.co.th	P +662 941 5599 | F +662 941 5598 | M +669 2105 6943 |
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Patterson	B.GRIMM Trading Corporation, Ltd.	Thailand	Tatiya Bunlert	To : <tatiya.b@bgrimmgroup.com> CC: pompetch.w@bgrimmgroup.com chutikarn.c@bgrimmgroup.com	064-1024040
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Groundfos	SiamEast Solutions Public Company Limited	Thailand	Ms. Narin Chuaaow (Senior Sales Engineer) Ms. Suppattra Phanpramool (Sale engineer)	Narin.Chu@siameastsolutions.com Suppattra.Pha@siameastsolutions.com	Mob : +6663 393 5201 (K. Narin) Mob : (+66) 80-574-7243 (K. Suppattra)
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Peerless	Grundfos (Thailand) Limited	THAILAND	Ms Mananya (Groundfos)	maumhleng@grundfos.com;	ob : +66632033482 (Grundfos)
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Ruhrpumpen	Ruhrpumpen Limpen Limited	Thailand	Mr. Wiroj Seelanagae(Country Mgr.) Mr. Jiratchai Jinanun (Sale Eng.)	wseelanagae@ruhrpumpen.com jjinanunt@ruhrpumpen.com	M.+66 (0) 81442 3594 M. (+66) 99 263 6569
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	Goulds	VN Dynamics Co., Ltd.	Thailand	Ms. Kajeenuch J.	kajeenuch@vndynamics.co.th	M.+66 (0) 87591 3678
Y	MM-ASK-1A-APF-MEC-MR-0011	**M011**	Fire Water Pump Package	SPP Pumps	KIRLOSKAR BROTHERS (THAILAND) LIMITED	Thailand	B.TAMILSELVAN General Manager	Email: tamil.s@kirloskar.co.th	Mobile: +66 8 1611 9662 Phone: +66 26618272-4, +66 20263585
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	EAPower	EAPOWER PTE. LTD.	Singapore	STEVEN LOH	steven.loh@eapower.com.sg sales@eapower.com.sg	tel. (++65) 6465 5115
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	CUMMINS	Cummins DKSH (Thailand) Limited	Thailand	Apiched Bunluenuecharee Suwichai Decharatanangkoon	apiched.b@dksh.com suwichai.d@dksh.com	Mobile + 6689 920 7131 (K.Apiched) Tel + 662 301 7510 Fax + 662 333 0995
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	EEPC	Emerging EPC Sdn Bhd	Malaysia	Yana Awang Mr. Benn Ong	yana.awang@eepcsb.com hp.ong@eepcsb.com	H/P: +6017-605 1404 N/A
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	MTU	MTU Power Systems Sdn Bhd	Malaysia	Norazman Muhammad	norazmanmuhammad@sapura-mtu.com	germany: T +49 (0) 7541 – 90 77777 ASIA/PACIFIC Tel.: +65 6860 9669
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	Multiphase Power	Multiphase Oil & Gas Co., Ltd.	Thailand	Aekawat Joohong General Manager	aekawat@multiphase-og.com	Mobile:+(66)81-8673644
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	PT Navitas Powerindo	PT NAVITAS POWERINDO	Indonesia	Nur Cahyo Tego	tego@nvpowerindo.com wahyu@nvpowerindo.com	Mobile : +62812-8694-3525
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	Wagner	Wagner Equipment Co	USA	Steve Kerns -Special Projects Manager	Kerns_Steven@wagnerequipment.com Serrano_Daniel@wagnerequipment.com Eifert_Mark@wagnerequipment.com	Desk 505 343-2716 Cell 505 917-0277
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	Wartsila	WARTSILA SINGAPORE PTE LTD.	Singapore			TEL.(+65) 81285698
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	Waukesha	SOUER(WAUKESHA)	Thailand	Danny Pauw Chief Executive Officer	danny@souer.com	Office: (+66) (0)55 002 009 (14 lines) Mobile: (+66) (0)81 886 8394
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	PRAMAC	PR MIDDLE EAST W.L.L.	Singapore	Willie Tay Snr. Sales Manager	willie.tay@pramac.com	Mobile : +65 8138 2438
Y	MM-ASK-1A-APF-MEC-MR-0012	**M012**	Gas engine Generator	Perkins	Perkins Engines Company Limited	UK	Sale team	webmaster_perkins@perkins.com	(+440) 1733583000
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	EAPower	EAPOWER PTE. LTD.	Singapore	STEVEN LOH	steven.loh@eapower.com.sg sales@eapower.com.sg	tel. (++65) 6465 5115
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	CUMMINS	Cummins DKSH (Thailand) Limited	Thailand	Apiched Bunluenuecharee Suwichai Decharatanangkoon	apiched.b@dksh.com suwichai.d@dksh.com	Mobile + 6689 920 7131 Tel + 662 301 7510 Fax + 662 333 0995
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	EEPC (CAT)	Emerging EPC Sdn Bhd	Malaysia	Yana Awang Mr. Benn Ong	yana.awang@eepcsb.com hp.ong@eepcsb.com	H/P: +6017-605 1404 N/A
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Multiphase Power (CUMMINS)	Multiphase Oil & Gas Co., Ltd.	Thailand	Aekawat Joohong- General Manager Preeda Sripratumrak-Sales Engineer	aekawat@multiphase-og.com Preeda@multiphase-corp.com	Mobile:+(66)81-8673644 Mobile: +66(0) 85 229 6121
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	PT Navitas Powerindo	PT NAVITAS POWERINDO	Indonesia	Nur Cahyo Tego	tego@nvpowerindo.com wahyu@nvpowerindo.com	Mobile : +62812-8694-3525
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Sparco Engineering Sdn Bhd (CUMMINS)	Sparco Engineering Sdn Bhd	Malaysia	Rafeal Eli Technical Manager	alimaxim@sparcoengineering.com.my	tel. +603-58797407 +6016-2663487 +6016-5630116
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Wagner	Wagner Equipment Co	USA	Steve Kerns -Special Projects Manager	Kerns_Steven@wagnerequipment.com Serrano_Daniel@wagnerequipment.com Eifert_Mark@wagnerequipment.com	Direct (505) 343-2727 Cell (505) 379-7434
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Wartsila	WARTSILA SINGAPORE PTE LTD.	Singapore	Suresh G. Sales Manager, FPSO - Diesel Generator	suresh.govindaraj@wartsila.com	TEL.(+65) 81285698

List of Approved Vendor List for Mechanical Equipent and Package

PROJECT: **EPC of Onshore Processing Facilities and Associated Onshore Pipelines for Aung Sinkha Development Project**

LOCATION : Myanmar

Major	RFQ No.	Package No.	Equipment Description	Brand	BIDDER Name	Bidder Country of origin	Bidder Contact Detail	Bidder E-mail	Bidder Telephone
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Bergerat Monnoyeur	BERGERAT MONNOYEUR	Poland	Dariusz Kotarski-Sales and Marketing Director	dariusz.kotarski@b-m.pl	(+33) 1 30 06 57 32
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Denyo	Bangkokgen Co., Ltd.	Thailand	Khun Kaiwit	kaiwit.r@bangkokgen.co.th	M: 082-554-7245
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Fuji Electric	FUJI ELECTRIC SYSTEM CO., LTD	Japan	Somshekar KANTHI Manager- Project Sales & Proposals	somshekar@fujielectric.com	(+973) 17564569 mobile: (+973) 66714194
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Mitsubishi International Corp	Mitsubishi Corporation Machinery Inc	Japan	Mr Shunsuke Tanaka -SEA [Supaporn- thailand]	shunsuke.tanaka@mcm.mitsubishicorp.com stephane.houis@mitsubishicorp.com	Mobile: +81-70-3819-5551 [081-9270193]
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	F.G. Wilson Engineering	need to send inquiry to them via website first				
Y	MM-ASK-1A-APF-MEC-MR-0013	**M013**	Diesel engine Generator	Waukesha	SOUER(WAUKESHA)	Thailand	Danny Pauw Chief Executive Officer	danny@souer.com	Office: (+66) (0)55 002 009 (14 lines) Mobile: (+66) (0)81 886 8394 Fax: (+66) (0)55 002 017
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	Connex Loading Systems	CTS TANK (THAILAND) LTD	Thailand	Shaji Jose	Shaji Jose Ambooken <shaji@cts.global>Jijo Mon <jijo@cts.global>	0-2319-0574-6
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	EMCO Wheaton	Techtronic Co.,Ltd.	USA	Suthee Leknuch Sales Manager	Suthee Leknuch <suthee@techtronic.co.th>	Mob : 092-549-5354
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	Kanon Loading B.V.	Kanon Loading Equipment (M) Sdn. Bhd	Malaysia	Pinard Pol Sales Manager Asia Pacific	ppol@kanon.nl	T +60 (0)9 58 33 338 |M +60 (0)16 920 7021
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	OPW				gary.schriever@opwglobal.com	
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	LOADTEC Engineeredd System Ltd	Attatech Co., Ltd.	Thailand	Thisarak Kitrugsa	atthaphan@attatechthai.com; sales01@attatechthai.com	Mobile: 081-686 1037
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	Niigata	TB Global Technologies Ltd.	Japan	Keita Matsumoto	matsumoto.keita@tbgtech.co.jp	Tel: +65 6909 2333 or +65 6909 3482 | Mobile: +65 8809 9024
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	JLA	JLA Loading Technology		Joost Spruijt Sales Engineer	Joost Spruijt <j.spruijt@jla.nl>	+31 625386782
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	SafeRack					
	MM-ASK-1A-APF-MEC-MR-0014	**M014**	Condensate Truck Loading Gantry	Technipenergies	Technipenergies		Dinesh Sundaselom Regional Sales Manager | Loading Systems SAS	To:dinesh.sundaselom@technipenergies.com CC : GERALD.BORDAS@technipenergies.com ; CC Adit Kiattipun <adit.kiattipun@technipenergies.com>	T +603 2116 7888 | F +6012 372 5507
	MM-ASK-1A-APF-MEC-MR-00015	**M015**	Diesel Dispenser Unit	Censtar	CENSTAR Science&Technology Corp.Ltd	China	Ms. Yolanda	yolanda@censtar.com	Tel: +86-371-56531613
	MM-ASK-1A-APF-MEC-MR-00015	**M015**	Diesel Dispenser Unit	Chintan	CHINTAN ENGINEERS	India	Padma k.	sales@chintanengineers.in	Mob-9574992851
	MM-ASK-1A-APF-MEC-MR-00015	**M015**	Diesel Dispenser Unit	Lumen Instruments	Lumen Instruments	India	Sale team	lumeninstruments24@gmail.com	tel. +91-9974192731 +91-9824970261
	MM-ASK-1A-APF-MEC-MR-00015	**M015**	Diesel Dispenser Unit	Peltek	Peltek India	India	Sale team	sales@peltekindia.in enquiry@peltekindia.in	Tele : +91-11-65161162 Mobile : +91-8800769927
	MM-ASK-1A-APF-MEC-MR-00015	**M015**	Diesel Dispenser Unit	Piusi	Taspow company Limited (thailand distributor)	Thailand	Khun Bow (Sale department)	sale01@taspow.com	TEL : 092-6984440
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Ensival	E&M (THAILAND) CO.,LTD	Thailand	Ekkarit Sales Engineer	ekkarit@em-thailand.com	TEL : 02-3629183-4 Mobile : 0856660800
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Flowserve Group	Enfourtech Corp. Ltd.	Thailand	Mr. Auttapal Sriwichai (Mechanical Sales Manager) Ms.Yaowadee (Senior Ins sale engineer) Mr. Rattee Limjirawattana	auttapal@enfourtech.com yaowadee@enfourtech.com rattee@enfourtech.com	Mob : +6685 142 7070 (K. Rattee) Mob : +66(0)63-4129449 (K. Auttapal)
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Goulds	VN Dynamics Co., Ltd.	Thailand	Ms. Kajeenuch J.	kajeenuch@vndynamics.co.th	M.+66 (0) 87591 3678
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Groundfos	SiamEast Solutions Public Company Limited	Thailand	Ms. Narin Chuaaow (Senior Sales Engineer) Ms. Suppattra Phanpramool (Sale engineer)	Narin.Chu@siameastsolutions.com Suppattra.Pha@siameastsolutions.com	Mob : +6663 393 5201 (K. Narin) Mob : (+66) 80-574-7243 (K. Suppattra)
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	KSB	KSB Pump Co.,Ltd.	Thailand	K. Theppitak Juntheekul	Theppitak.Juntheekul@ksb.com	Mob : +66 8 5920 2515 (K. Theppitak)
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Ruhrpumpen	Ruhrpumpen Limited	Thailand	Mr. Wiroj Seelanagae(Country Mgr.) Mr. Jiratchai Jinanun (Sale Eng.)	wseelanagae@ruhrpumpen.com jiinanunt@ruhrpumpen.com	M.+66 (0) 81442 3594 M. (+66) 99 263 6569
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Sulzer	Sulzer Singapore Pte Ltd.	Singapore	Mr.Raphael Ngan Mr. John Arradaza Mr. Edward (Manager)	raphael.ngan@sulzer.com John.Arradaza@sulzer.com edward.tay@sulzer.com	+65 6800 0157/ M.+65 8121 8602 (N/A)
	MM-ASK-1A-APF-MEC-MR-00016	**M016**	Centrifugal Pump	Union pumps					
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	STRR Engineering Co., Ltd.	STRR ENGINEERING CO., LTD	THAILAND	To :Catherine M CC: Pranav Kunte	catherine@strr.co.th pranav@strr.co.th	Tel (+66) 2363 5226 ext 14
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Amalgamated Metal Corporation (M) Sdn. Bhd. (AMC)	Amalgamated Metal Corporation (M) Sdn. Bhd. (AMC)	THAILAND	Ms.Aidil Ext. (aidil@amcsb.com.my) Rohani	estclerk@amcsb.com.my; rohani@amcsb.com.my	Tel: +603-7846-1389
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	DFC Tank Pressure Vessel Manufacturer Co., Ltd	DFC Tank Pressure Vessel Manufacturer Co., Ltd	China	Wendy Zhou/Sales Manager	sales@dfctank.com	Tel : +86-311-85150018 / +86-311-85150019
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Doosan	Doosan Mecatec Co. Ltd.	Korea	Mr. Hyoung-eon Jang (sale Manager)	hyoungeon.jang@doosan.com	+82 55279 5452 (+82) 1092908455
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Jutasama Sdn. Bhd.	Jutasama Sdn. Bhd.	Malaysia	Mr. Ang Kee Ling (Estimation Manager)	keeling.ang@jutasama.com	+603 3122 5088 (+6012) 6659268
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Applied Engineering Pte., Ltd.	Applied Engineering Pte., Ltd.	Singapore	Tan Choon Wei Hlaing Min Oo	choonwei.tan@aepl.com.sg minoo.hlaing@aepl.com.sg	Tel: +65 6862 1726
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	KNM Process Systems Sdn. Bhd.	KNM PROCESS SYSTEMS SDN BHD	MALAYSIA	Loke Heng Hoh (Mr.) Sales & Commercial Manager	sales@knm-group.com ;Loke Heng Hoh <HengHoh.Loke@knm-group.com>	T +603 8946 3178
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Morimatsu (China) Group Pressure Vessel Co., Ltd.	Morimatsu (China) Group Pressure Vessel Co., Ltd.	China	Mr. Yan Jin (Sales Manager)	yanjin@morimatsu.cn	+86 21 3811 2058 Ext. 8125 M.+86 18 72155 8117
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Thai Rotary Engineering Limited	THAI ROTARY ENGINEERING LIMITED	THAILAND	Phoommisak Phu_onsri	phoommisak@rotaryeng.co.th , prapan@rotaryeng.co.th	TEL : +038 38 695 565 Ext.1037
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Sawatudom Engineering (Rayong) Co., Ltd.	Sawatudom Engineering (Rayong) Co., Ltd.	THAILAND	Mr. Yuttaphong	yuttaphong@swdengineering.com	Tel : 038 685370-1 Ext 159
	MM-ASK-1A-APF-MEC-MR-00017	**M017**	Pressure vessels	Unimit Engineering Public Company Limited	Unimit Engineering Public Company Limited	THAILAND	TO: Chidchanok CC: Jessada	chidchanok@unimit.com	Tel: +66-3848-5561~64 Ext 369
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Applied Engineering Pte Ltd	Applied Engineering Pte., Ltd.	Singapore	Tan Choon Wei Hlaing Min Oo	choonwei.tan@aepl.com.sg minoo.hlaing@aepl.com.sg	Tel: +65 6862 1726
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Profab Group	PROFAB AUSTRALIA PTY LTD	Australia	Michele D. dell General Manager, Business Development	md@profab-group.com	tel. +61 457 880 223
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Amalgamated Metal Corporation (M) Sdn. Bhd. (AMC)	Amalgamated Metal Corporation (M) Sdn. Bhd. (AMC)	THAILAND	Ms.Aidil Ext. (aidil@amcsb.com.my) Rohani	estclerk@amcsb.com.my; rohani@amcsb.com.my	Tel: +603-7846-1389
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Cameron (Singapore) Pte. Ltd	Cameron (Singapore) Pte. Ltd. (SCHLUMBERGER COMPANY)	Malaysia	Mr. Amir Hafis Bin Zainol Abidin Mr. Moniandy Ganeshakumaran	AAbidin5@cameron.slb.com MGaneshakumaran@slb.com	Mob : +60 3 7718 4658 (Mr. Amit) Mob : +60 3 7718 4658 (Mr. Moniandy) Mob : +66 8 9203 9516 (Mr. Sopon)
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Enholco Pte.Ltd.	ENHOLCO PTE.LTD.	Singapore	Ton S. BUSINESS Director	ton.schonk@enholco.com	Tel. +65 9639 1091
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	CNI	CNI - CN Co., Ltd.	Vietnam	Hieu Phan	hieuphan@cnipvc.com	: +84 898414588
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Thai Rotary Engineering Co., Ltd.	THAI ROTARY ENGINEERING LIMITED	THAILAND	Phoommisak Phu_onsri	phoommisak@rotaryeng.co.th , prapan@rotaryeng.co.th	TEL : +038 38 695 565 Ext.1037
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	STRR Engineering Co., Ltd.	STRR ENGINEERING CO., LTD	THAILAND	To :Catherine M CC: Pranav Kunte	catherine@strr.co.th pranav@strr.co.th	Tel (+66) 2363 5226 ext 14
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	KOBE	KOBE EN&M VIETNAM CO., LTD	vietnam	PHAM THUY Van	pham.thuyvan@kobelco.com	Tel. (+84) 251 383-5641 Mobile. (+84) 093 799 5901
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Slot - Nankai Co., Ltd.	SLOT-NANKAI COMPANY LIMITED	THAILAND	Mr. Ikumi Terada, CC Ms. Ussanee Tedsree	marketing@slotnankai.co.th; terada@slotnankai.co.th; ussanee@slotnankai.co.th	Tel. (66-33) 017-814 to 6 Ext. 204
	MM-ASK-1A-APF-MEC-MR-0018	**M018**	Separator	Unimit Engineering Public Company Limited	Unimit Engineering Public Company Limited	THAILAND	TO: Chidchanok CC: Jessada	chidchanok@unimit.com	Tel: +66-3848-5561~64 Ext 369
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Cuno Filtration Asia Pte., Ltd., (Manufacturer's Representative)	3M Thailand		Janejira Fuangpaiboon (Jane) | Division Sales Manager 3M Separation and Purification Sciences Division	jfuangpaiboon@mmm.com	Mobile: 66 8 4555 3018

List of Approved Vendor List for Mechanical Equipent and Package

PROJECT: **EPC of Onshore Processing Facilities and Associated Onshore Pipelines for Aung Sinkha Development Project**

LOCATION : Myanmar

Major	RFQ No.	Package No.	Equipment Description	Brand	BIDDER Name	Bidder Country of origin	Bidder Contact Detail	Bidder E-mail	Bidder Telephone
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	US Filter					
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Filtrex	THOMASMADE CO., LTD.	Thailand	Jimmy Udomcharn	To : Jimmy <jimmy@thomasmade.co.th> CC : Giulio Piemonte <Giulio.Piemonte@filtrex.it> Francesco Angelon <Francesco.Angelon@filtrex.it>	Mobile: +669 9 369 6965 Tel: +66 2 652 8029 Fax:+66 2 652 8030
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Fuji	Fuji Filter Manufacturing Co.,Ltd.	Japan	Hisato hayase	hisato_hayase@fujifilter.co.jp	+81-3-3241-4201
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Pall	Pall Corporation Filtration & Separations (Thailand) Ltd.	THAILAND	Rattatammanoon Chanaphot (Can) Senior sales engineer F&C	rattatammanoon_chanaphot@ap.pall.com	Tel: +66 (0) 2937 1055 ext.1125 Mob: +66 8 7916 5599
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Perry Equipment Corp (PECO Facet)					
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Parker	SNU Solutions Provider Co., Ltd.	THAILAND	Kamonporn Unartngam	To :kamonporn@snuthailand.com; CC :noppawan@snuthailand.com>	Tel : +66 9 7094 5365
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Filter Concept				info@filter-concept.com	
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Gopani				sales@gopani.com	
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Norman Filter Company				'Gary Uebel' <garyuebel@normanfilters.com>	
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Calgon					
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Peerless (CECO)	CECO Environmental	Singapore	S. Panneerselvam	spanneer@OneCECO.com)	P: +65 64 72 00 20
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Gas & Liquid Processing					
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	Plenty				Danpan, Yuttasak <yuttasak.danpan@spxflow.com>	
	MM-ASK-1A-APF-MEC-MR-0019	**M019**	Filter/Coalescer	USF Filtration				mrabbachin@filtrationsa.com	
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	Best Brothers United	Best Brothers United	Myanmar	Win kyaw	winkyawkyw@gmail.com	09-428019416/09799858200
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	Thai Rotary Engineering (Thailand)	THAI ROTARY ENGINEERING LIMITED	THAILAND	Phoommisak Phu_onsri	phoommisak@rotaryeng.co.th , prapan@rotaryeng.co.th	TEL : +038 38 695 565 Ext.1037
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	BOMES Co.,Ltd.	BOMES Co.,Ltd.	Myanmar	Kaung Myat Htoo (Mr.)	kaungmyat@bomes-myanmar.com kmt.bomes@gmail.com	Mob: 09799145982 09 777343444
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	STRR Engineering Co., Ltd.	STRR ENGINEERING CO., LTD	THAILAND	Catherine M Pranav Kunte	catherine@strr.co.th pranav@strr.co.th	Tel (+66) 2363 5226 ext 14
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	CBI McDermott	CBI(Thailand) Limited	THAILAND	Tan Tean Poay Business Development Manager	teanpoay.tan@mcdermott.com	Mobile: +66 800801471
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	KEC Co.,Ltd	KEC Co.,Ltd	Myanmar	Hein Htet Lin	sale@keceng.com.mm	+95 1 23 05 446
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	Ensure					
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	China Huanqui Contracting & Engineering	China Huanqui Contracting & Engineering			webmaster@hqcec.com	
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	Pyei Sone Hein group of companies	Pyei Sone Hein group of companies			info@pshglobalgroup.com; sales@pshglobalgroup.com	
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	DFC Tank Pressure Vessel Manufacturer Co., Ltd	DFC Tank Pressure Vessel Manufacturer Co., Ltd	China	Wendy Zhou/Sales Manager	sales@dfctank.com'	
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	LCBSTRR	LCB Corporation Co., Ltd. & LCBSTRR Co., Ltd.	THAILAND	Rittisak Palaphol Assistance to Managing Director	E-Mail : rittisak.p@lcbcorp.com	Tel : 081-295-1099
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	PM Silalert	P.M.SILALERT CO., LTD	Thailand	Jaruwan Seangkla (Ann) Project Coordinator Mobile 065-5351199 / 083-1516554 / 081-9835122	Jaruwan_pm@outlook.com	Tel : 081-9835122 / 098-6660519
	MM-ASK-1A-APF-MEC-MR-0020	**M020**	API650 Storage Tank	Unimit Engineering Public Company Limited	Unimit Engineering Public Company Limited	THAILAND	Chidchanok Jessada	chidchanok@unimit.com	Tel: +66-3848-5561~64 Ext 369
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Condorchem Envitech	CONDORCHEM ENVITECH SL.	Spain	Mr. Marc ALBERT	marc.albert@condorchem.com	(+34) 600 501 806
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Encon	ENCON Evaporators	USA	Jacob Dworkin Field Applications & Sales Engineer	jdworkin@evaporator.com	p: (323) 450-9447
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Evaled	Veolia Water Technologies Italia Spa	ITALY	Giovanni Accardo	giovanni.accardo@veolia.com	mob: +82 10 9219 2638 (Korea) mob : +86 156 1898 8854 (China)
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	GEA Wigann	GEA (THAILAND) COMPANY LIMITED	THAILAND	Ketpat CHAROENRATPANYA (Sale Manager)	Ketpat.Charoenratpanya@gea.com	(+66) (0) 61384 0882
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Karcher	KARCHER	France	Armanda Costa	armanda.costa@fr.kaercher.com Kärcher - CCS Support des Ventes <info@fr.kaercher.com>	(0)1 43 99 67 38
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	OKO-Tech	OKO-tech GmbH & Co. KG	Germany	Reimar Enghardt sales | project management	Reimar.Enghardt@oko-tech.de Kevin.Rooney@oko-tech.de	Tel. : (+49) 0 51 52 / 52 44 22
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Samsco	Samsco Inc	USA	Sale Team	sales@samsco.com	603-668-7111
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	KMU Loft	KMU LOFT Cleanwater Changzhou Co.,Ltd	China	Jianjun Tao	J.Tao@kmu-loft.com	Phone / 电话: +86 519 8181 8018 mobile /移动: +86 137 0197 4941
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Alpha Group Co., Ltd.	Alpha Group Co., Ltd.	THAILAND	Ms. Orawan Chonvanich	orc@alphagroup.co.th	M.+66 (0) 61492 3926
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	OTSO	OTSO Energy Solutions	USA	Bruce Erbele	bruce.erbele@otsoenergy.com	Mobile Phone: (713) 259-9518
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Cameron Solutions Sdn Bhd.	Cameron Solutions Sdn Bhd. (A Schlumberger Company)	Malaysia	Mr. Amir Hafis Bin Zainol Abidin	AAbidin5@cameron.slb.com	Mob : +60 3 7718 4658 (Mr. Amit)
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Exterran	Exterran (Thailand) Ltd.	Thailand	RAMALINGAM Anbarasan ANN Marquez Orjedsadakul, Sumit	anbarasan.ramalingam@exterran.com Ann.Marquez@Exterran.com Sumit.Orjedsadakul@Exterran.com	(+65) 69337314 + 66 2096 3803 DIRECT (new phone number) + 66 6 2258 5539 MOBILE
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	SUEZ Oil & Gas Systems	SUEZ Oil & Gas Systems	Singapore	NG Alvin	alvin.ng@suez.com	Tel : (+65) 6833 5049 Mob : (+65) 9850 5397
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	getabec Boiler	Getabec Public Company Limited	THAILAND	K. Ong art	ongart@getabecboiler.com	Phone: +66 2 366 0400
Y	MM-ASK-1A-APF-MEC-MR-0022	**M022**	Evaporator Package	Skimoil LLC	Skimoil LLC	USA	Steven Hohman	steve@skimoil.com	(+314) 579-9755
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Anguil Environmental Systems, Inc.	Anguil Environmental Systems, Inc.	USA	Mr. Kevin Summ Mr. Rich Grzanka (Vice President)	kevin.summ@anguil.com CC : rich.grzanka@anguil.com	Tel: +1 (414) 365-6400 ext. 530
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Epcon	EPCON INDUSTRIAL SYSTEMS, LP	USA	ANDERSON Angie	angie@epconlp.com	936 202 1227
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Daiichi Jitsugyo Asia group	DAIICHI JITSUGYO (THAILAND) CO., LTD-	Thailand	Khun Withaya **Petchpan Jarusjitwilai (James)**	witthaya@djk-thai.co.th petchpan@djk-thai.co.th	Mob : 081-9460173 **Mobil : 086-314-9434**
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Dürr Systems, Inc.	Dürr -Shanghai	Thailand	Winai Guanan Service and Commissioning Engineer	Winai.Guanan@durr.com	Phone +662 108 1830-118 Mobile +6665510 9738
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Firecat (Flare Industries), Aereon	MTR (Thailand) Co., Ltd.	Thailand	Mr. Peerasak Jitjumroonchokchai Mr. Phaibul Prasopsukh Mr. Manop Pinmaneenopparat Mr. Napat Prasopsukh Ms. Shaowanuch Pimsuwan	peerasak@mtrth.com pb@mtrth.com manop@mtrth.com napat@mtrth.com shaowanuch@mtrth.com	Tel : +66 (0)2-887-6901 to 4 Mob : +66(0) 81-752-3213 (K. Peerasak)
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Kono Kogs, Inc.	Kono Kogs, Inc.	USA	Mr. Chris (Buster) Heikkila	buster@konokogs.com	Tel : (920) 309-0725 Mob : (920) 432-2699
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	The CMM Group LLC	THE CMM GROUP LLC	USA	RESCHKE Darren	dreschke@thecmmgroup.com	Tel : 336-9800 Mob : 920-819-4232
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	DuPont Clean Technologies	DUPONT THAILAND LIMITED	Thailand			
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Intellishare Environmental Inc.	Intellishare Environmental Inc.	USA	Mr. John Strey	jstrey@intellishare-env.com	Tel : 715-233-6115 x114 Mob : 715-308-1394
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	John Zink	JOHN ZINK ASIA-PACIFIC	Singapore	Zoey.lin Vignes Rajagopal (Sale Manager)	zoey.lin@kes.global	(+65) 6831 6564/(+65) 9723 9005
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	Zeeco, Inc	Zeeco SE Asia Pte. Ltd.	Singapore	K. Joe Pinitsuwan K. Michael Potwora	Michael_Potwora@zeeco.com Joe_Pinitsuwan@zeeco.com	MP: +66 80 2598915 / +1 918 330 3488 (K. Joe) Main: +1 918 258 8551 | Direct: +1 918 893 8485 (K. Michael)

List of Approved Vendor List for Mechanical Equipent and Package

PROJECT: **EPC of Onshore Processing Facilities and Associated Onshore Pipelines for Aung Sinkha Development Project**

LOCATION : **Myanmar**

Major	RFQ No.	Package No.	Equipment Description	Brand	BIDDER Name	Bidder Country of origin	Bidder Contact Detail	Bidder E-mail	Bidder Telephone
Y	MM-ASK-1A-APF-MEC-MR-0023	**M023**	Thermal Oxidation Package	OTSO	OTSO Energy Solutions, LLC	USA	Bruce Erbele Chief Operating Officer	bruce.erbele@otsoenergy.com	Mobile Phone: (713) 259-9518
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	Jord International	Jord International	Singapore	Ronnie Tan Arjun Doorvasula	usat@jord.com.au rtan@jord.com.au DMallikarjun@jord.com.au	Tel : +66 2 6788700 (Thailand) +65 6879 4088 (Jord international) Tel : +65 68 79 40 78 Mob : +65 98 34 21 68
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	HUDSON/SMITHCO	SMITHCO ENGINEERING, INC.	USA	MIRAZEE Mac	mac.mirazee@chartindustries.com	Tel : (281) 389-5180
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	Joy Industries	Sime Darby Joy Industries Sdn. Bhd.	Malaysia	Hilmi Zakaria-Sr. Engineer-Sales & Application	hilmi@joyindustries.com	T: +607-255 5922 M: +60148063207
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	SNT Energy Co., Ltd.	SNT Energy Co., Ltd.	Korea	Seongbin, Kim Hwa-Su Yu (Sale Manager)	sbkim@hisnt.com hsyu@hisnt.com	Tel: +82-2-2111-9221 (Hwa-su)
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	KNM	Contact: FBM Hudson Italiana SpA	Malaysia Italy	Daniela Bertoncello (FBM) Anna Mancuso- Sales Assistant	daniela.bertoncello@fbmhudson.com commercial@fbmhudson.com	T +39 035 4941 231| F +39 035 494 1341 Daniela T +39 035 4941 202 -Anna
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	Kelvion	Kelvion Sdn Bhd.	Malaysia	Mr. Teck Hian Lim Ms. Rosnah Shariff	TeckHian.Lim@kelvion.com Rosnah.Shariff@kelvion.com	Phone +65 6664 0445 Mobile +65 91872967 Tel : +6019 304 3488 (Ms. Rosnah)
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	S&T Corporation	Same company as SNT Energy Korea				
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	AZTECH	Aztech Heat Exchangers Pte Ltd.	Singapore	Ms. Tan Yng Yng	yng@aztechheat.com	Phone: (65) 6861-7757 Mob : +65 6796 9602
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	SAMYONG	SAMYONG				
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	ECODYNE MRM INC	Ecodyne UET Switzerland Inc	Switzerland	Mr. Eugen Holenstein (Sale Manager) Mr. Dominique Hummel	eugen.holenstein@ecodyne.ch dominique.hummel@uet-ecodyne.ch	Tel : +41 44 944 66 42 T +41 44 944 66 06 (Dominique)
	MM-ASK-1A-APF-MEC-MR-0024	**M024**	Compressor Discharge Air Cooler	KOREA HEAT EXCHANGER IND. CO., LTD.	KOREA HEAT EXCHANGER IND. CO., LTD.	Korea	Mr. Kichun Choi	kcchoi@khei.com	+82 2 3282 8214
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	Aqua Nishihara	Aqua Nishihara Corporation Ltd.	Thailand	Mr. Teerawee Lerdgunchananun	teerawee@aqua.co.th	Tel : +66 (0) 2-589-9717 ext.495 Mob : +66 (0) 84-396-6464
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	GASCO	Gasco Pty Ltd.	Australia	Mr. Ian Matthews (Sale and Marketing Director) Mr. Shan Wang (Managwe combustion)	ian.matthews@gasco.net.au shan.wang@gasco.net.au	Mob: +61 408 708 880
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	IPP International	SiamEast Solutions Public Company Limited	Thailand	K. Narin Chuaaow (Senior Sales Engineer)	Narin.Chu@siameastsolutions.com	Mob : +6663 393 5201 (K. Narin)
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	Jord International	Jord International	Singapore	Ronnie Tan Arjun Doorvasula	usat@jord.com.au rtan@jord.com.au DMallikarjun@jord.com.au	Tel : +66 2 6788700 (Thailand) +65 6879 4088 (Jord international) Tel : +65 68 79 40 78 Mob : +65 98 34 21 68
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	Pall Corporation Filtration & Separations (Thailand) Ltd.	Pall Corporation Filtration & Separations (Thailand) Ltd.	Thailand	Mr. Rattatammanoon Chanaphot	rattatammanoon_chanaphot@ap.pall.com	Mob : +66 (0) 87916 5599
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	SUEZ Oil & Gas Systems	SUEZ Oil & Gas Systems	Singapore	NG Alvin	alvin.ng@suez.com	Tel : (+65) 6833 5049 Mob : (+65) 9850 5397
	MM-ASK-1A-APF-MEC-MR-0025	**M025**	CPI Separator	US Filter (Part of Siemens Water)	Siemens Energy Limited	Thailand	Mr. Chanwut Jongpanichkhajorn	ChanwutJ@siemens-energy.com	Mob : 085-4824701 (K. Chanwut)
	MM-ASK-1A-ACO-MEC-DTS-0002 Rev.B1 MM-ASK-1A-APM-MEC-DTS-0001 Rev.B1	**M027**	Utility Water Tank		M-tech water solution company limited	THAILAND	Parichat Tatha	Sales@m-tank.com	Tel: 034-446877 , Mob: 092-4392509
	MM-ASK-1A-ACO-MEC-DTS-0002 Rev.B1 MM-ASK-1A-APM-MEC-DTS-0001 Rev.B1	**M027**	Utility Water Tank		Maktang Co., Ltd	THAILAND	Nitikanr M	maktang88@gmail.com	Mob: 098-915-2547
	MM-ASK-1A-ACO-MEC-DTS-0002 Rev.B1 MM-ASK-1A-APM-MEC-DTS-0001 Rev.B1	**M027**	Utility Water Tank		Aqualine	THAILAND	Khun Wit	info@aqualineasia.com	Mob: 082-4500074