

Newly added SWECs upon Punchout  
SWEC re-validation 2023



No.	SWEC Owner (Cat/Man Pod)	New Code	New Level 1	New Level 2	New Level 3	New Level 4	Description
1	CHEMICAL	1011600P	CHEMICALS	COMMODITY CHEMICALS	DISINFECTANTS/CLEANER/DEGREASSING AGENT	DISINFECTANTS/CLEANER/DEGREASSING AGENT	To supply and deliver Disinfectants/Cleaner/Degreassing Agent
2	CHEMICAL	10112011P	CHEMICALS	COMMODITY CHEMICALS	INKS, PIGMENTS, COATINGS, VARNISHES & PAINTS	OTHER INKS, PIGMENTS, COATINGS, VARNISHES & PAINTS	To supply and deliver Inks, Pigments, Coatings, Varnishes & Paints for Industrial purposes
3	CHEMICAL	10130000P	CHEMICALS	LABORATORY CHEMICALS			To supply and deliver Laboratory Chemicals
4	GFM	11121000P	CIVIL, MARINE, INFRASTRUCTURE & BUILDING MAINTENANCE	CIVIL WORKS & MAINTENANCE MATERIALS	HARDWARE	0	To supply and deliver Hardware for Civil Works & Maintenance Materials such as but not limited to bolts and nuts, screws, rivets and paint brushes/rollers
5	GFM	11121100P	CIVIL, MARINE, INFRASTRUCTURE & BUILDING MAINTENANCE	CIVIL WORKS & MAINTENANCE MATERIALS	MATERIALS FOR BUILDING & OFFSHORE	MATERIALS FOR BUILDING & OFFSHORE	To supply and deliver Materials for Building & Offshore such as but not limited to tiles, door frame, door, ready mix concrete, sand and aggregates, cement , timber, piping and guard rails
6	DICT	13101200P	DIGITAL & ICT	APPLICATION SOFTWARE	OFFICE SOFTWARE APPLICATION	OFFICE SOFTWARE APPLICATION	To supply, deliver, install, test and commission of Office Software Application such as but not limited to system software (e.g. Microsoft Windows, Mac OS X and etc.), programming software (e.g. PHP, Perl,C++ and etc.) and application software (e.g. accounting software, graphic software and etc.)
7	DICT	13151200P	DIGITAL & ICT	ICT EQUIPMENT & HARDWARE	DATA STORAGE MEDIA	DATA STORAGE MEDIA	To supply, deliver, install, test and commission of Data Storage Media devices which consist of primary storage, secondary storage, tertiary storage and offline storage, e.g. thumb drive, CD, DVD, CD / DVD writer, external hard disk, backup storage and etc., generally and High-End Enterprise Array (SAN), Mid Range Enterprise Array (SAN), Network Attached Storage (NAS), Direct Attached Storage (DAS) and Tape Library
8	DICT	13151700P	DIGITAL & ICT	ICT EQUIPMENT & HARDWARE	PERSONAL COMPUTER	PERSONAL COMPUTER	To supply, deliver, install, test and commission of personal computers which is intended to be used by individuals such as but not limited to desktop, laptop, netbook and tablet
9	DICT	13111100P	DIGITAL & ICT	BUILDING AUTOMATION	GENERAL PURPOSE	0	To supply, deliver, install, test and commission of Public Address General Alarm (PAGA) System for non hazardous area
10	DICT	13151100P	DIGITAL & ICT	ICT EQUIPMENT & HARDWARE	AUDIO/VISUAL EQUIPMENT & ACCESSORIES	0	To supply, deliver, install, test and commission of Audio/Visual Equipment & Accessories such as but not limited to Digital camera, LCD projector, projector bulb, projector screen and video camera
11	DICT	13151000P	DIGITAL & ICT	ICT EQUIPMENT & HARDWARE	ACCESSORIES/PRINTER S/PLOTTERS/PERIPHERALS	0	To supply, deliver, install, test and commission of Accessories/Printers/Plotters/Peripherals that is connected to a computer either directly or via network include but not limited to mouse, keyboard, hard drive, expansion cards, graphics cards, printers, scanners, microphones, loudspeakers, webcams and plotters
12	DICT	13151400P	DIGITAL & ICT	ICT EQUIPMENT & HARDWARE	HARDWARE FOR WORKSTATIONS	0	To supply, deliver, install, test and commission of Hardware for Workstations including but not limited to high-end computer specifically designed for technical or scientific applications
13	E&M	14101000P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL BULKS	TRAYS/LADDERS/CONDUITS	CABLE TRAYS/LADDERS/CONDUITS	-
14	E&M	14101100P	Electrical Equipment & Services	ELECTRICAL BULKS	EARTHING, BONDING & LIGHTNING PROTECTION MATERIALS	0	-
15	E&M	14101400P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL BULKS	NON EXPLOSION PROOF ELECTRICAL PARTS, COMPONENTS & ACCESSORIES	NON EXPLOSION PROOF ELECTRICAL PARTS, COMPONENTS & ACCESSORIES	To supply and deliver Non Explosion Proof Electrical Parts, Components & Accessories such as but not limited to moulded case circuit breaker, miniature circuit breaker, earth leakage/voltage circuit breaker, control transformer, control relays, fuses and contactor
16	E&M	14101200P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL BULKS	EXPLOSION PROOF ELECTRICAL PARTS, COMPONENTS & ACCESSORIES	EXPLOSION PROOF ELECTRICAL PARTS, COMPONENTS & ACCESSORIES	To supply and deliver Explosion Proof Electrical Parts, Components & Accessories such as but not limited to junction box, cable gland and remote control unit
17	E&M	14101300P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL BULKS	LIGHT, FITTINGS & ACCESSORIES	LIGHT, FITTINGS & ACCESSORIES	To supply and deliver Light Fittings & Accessories such as but not limited to Non Explosion Proof Light & Fittings, Explosion Proof Light & Fittings and Navigational Aids (Marine Lanterns & Aircraft Warning Light)
18	E&M	14101500P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL BULKS	POWER & CONTROL - GENERAL CABLE	POWER & CONTROL - GENERAL CABLE	-
19	E&M	14101600P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL BULKS	POWER & CONTROL - SPECIFIC CABLE	POWER & CONTROL - SPECIFIC CABLE	To supply and deliver Power & Control - Specific Cable such as but not limited to flame retardant, fire resistant and anti rodent
20	E&M	14121000P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL HEATING SYSTEM	HEAT TRACING SYSTEM	HEAT TRACING SYSTEM	-
21	E&M	14121100P	ELECTRICAL EQUIPMENT & SERVICES	ELECTRICAL HEATING SYSTEM	PROCESS HEATER	PROCESS HEATER	-
22	E&M	14151000P	ELECTRICAL EQUIPMENT & SERVICES	GENERATORS & TRANSFORMERS	CAST RESIN DRY TYPE	CAST RESIN DRY TYPE	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Cast Resin Dry Type Transformers
23	E&M	14151200P	ELECTRICAL EQUIPMENT & SERVICES	GENERATORS & TRANSFORMERS	DIESEL ENGINE DRIVEN GENERATOR	DIESEL ENGINE DRIVEN GENERATOR	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Diesel Engine Driven Generator
24	E&M	14151300P	ELECTRICAL EQUIPMENT & SERVICES	GENERATORS & TRANSFORMERS	GAS ENGINE DRIVEN GENERATOR	GAS ENGINE DRIVEN GENERATOR	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Gas Engine Driven Generator
25	E&M	26101300P	OIL COUNTRY TUBULAR GOODS (OCTG) & LINE PIPES	LINE PIPES	CARBON STEEL SEAMLESS PIPES	CARBON STEEL SEAMLESS PIPES	To supply and deliver carbon steel seamless pipes
26	E&M	26102300P	OIL COUNTRY TUBULAR GOODS (OCTG) & LINE PIPES	LINE PIPES	STAINLESS STEEL SEAMLESS PIPES	STAINLESS STEEL SEAMLESS PIPES	To supply and deliver stainless steel seamless pipes
27	E&M	14151500P	ELECTRICAL EQUIPMENT & SERVICES	GENERATORS & TRANSFORMERS	OIL IMMERSION TYPE	OIL IMMERSION TYPE	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Oil Immersion Type Transformers
28	E&M	14161300P	ELECTRICAL EQUIPMENT & SERVICES	POWER DISTRIBUTION & CONTROL	EXPLOSION PROOF DISTRIBUTION BOARDS & ENCLOSURE	EXPLOSION PROOF DISTRIBUTION BOARDS & ENCLOSURE	-
29	E&M	14161500P	ELECTRICAL EQUIPMENT & SERVICES	POWER DISTRIBUTION & CONTROL	HIGH VOLTAGE POWER FUSES	HIGH VOLTAGE POWER FUSES	-
30	E&M	14161600P	ELECTRICAL EQUIPMENT & SERVICES	POWER DISTRIBUTION & CONTROL	LOW VOLTAGE SWITCHBOARD/SWITCHGEAR/ MCC/AIR CIRCUIT BREAKER(ACB)/BUSBAR	LOW VOLTAGE SWITCHBOARD/SWITCHGEAR/ MCC/AIR CIRCUIT BREAKER(ACB)/BUSBAR	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Low Voltage Switchboard/Switchgear/MCC/Air Circuit Breaker(ACB)/Busbar
31	E&M	14161800P	ELECTRICAL EQUIPMENT & SERVICES	POWER DISTRIBUTION & CONTROL	NON EXPLOSION DISTRIBUTION BOARDS & ENCLOSURE	NON EXPLOSION DISTRIBUTION BOARDS & ENCLOSURE	-
32	E&M	14161900P	ELECTRICAL EQUIPMENT & SERVICES	POWER DISTRIBUTION & CONTROL	PROTECTION RELAY	PROTECTION RELAY	-

33	E&M	1416200P	ELECTRICAL EQUIPMENT & SERVICES	POWER DISTRIBUTION & CONTROL	TELECONTROL & SUBSTATION AUTOMATION SYSTEM	TELECONTROL & SUBSTATION AUTOMATION SYSTEM	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Telecontrol & Substation Automation System
34	E&M	1418100P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	CAPACITOR BANKS	CAPACITOR BANKS	-
35	E&M	1418110P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	COMMERCIAL UPS - STATIC TYPE	COMMERCIAL UPS - STATIC TYPE	-
36	E&M	1418120P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	DC CHARGER	DC CHARGER	-
37	E&M	1418130P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	INDUSTRIAL UPS - STATIC TYPE	INDUSTRIAL UPS - STATIC TYPE	To design, assemble, supply, deliver, install, hook-up, test, commission Industrial UPS - Static Type and conduct training on operation
38	E&M	1418140P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	LEAD ACID BATTERIES	LEAD ACID BATTERIES	-
39	E&M	1418150P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	NICAD BATTERIES	NICAD BATTERIES	Nickel Cadmium
40	E&M	1418160P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	SOLAR POWER SUPPLY	SOLAR POWER SUPPLY	To design, assemble, supply, deliver, install, hook-up, test, commission Solar Power Supply and conduct training on operation
41	E&M	1418170P	ELECTRICAL EQUIPMENT & SERVICES	POWER SUPPLY SYSTEM	UPS - MODULAR TYPE	UPS - MODULAR TYPE	To design, assemble, supply, deliver, install, hook-up, test, commission UPS Modular Type and conduct training on operation
42	E&M	1610100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	AUTOMOTIVE EQUIPMENT	BOGIE, WAGON & ACCESSORIES	BOGIE, WAGON & ACCESSORIES	-
43	E&M	1610110P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	AUTOMOTIVE EQUIPMENT	HEAVY VEHICLE	HEAVY VEHICLE	-
44	E&M	1617110P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	HOSES	COUPLINGS	0	-
45	E&M	1617120P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	HOSES	FLEXIBLE DRAINPIPES	FLEXIBLE DRAINPIPES	-
46	E&M	1617130P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	HOSES	GENERAL PURPOSE (EXCLUDING OEM HOSES)	GENERAL PURPOSE (EXCLUDING OEM HOSES)	To supply and deliver hoses for general purpose (excluding OEM hoses) complete with couplings
47	E&M	1617140P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	HOSES	PETROLEUM PRODUCT TRANSFER	PETROLEUM PRODUCT TRANSFER	-
48	E&M	1621100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MOTOR VEHICLE ACCESSORIES	AIR-CONDITIONER	AIR-CONDITIONER	-
49	E&M	1621110P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MOTOR VEHICLE ACCESSORIES	AUTO ACCESSORIES	AUTO ACCESSORIES	-
50	E&M	1621120P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MOTOR VEHICLE ACCESSORIES	MOTOR VEHICLE SPARE PARTS	MOTOR VEHICLE SPARE PARTS	-
51	E&M	1621130P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MOTOR VEHICLE ACCESSORIES	TEST EQUIPMENT & INSTRUMENTATION	TEST EQUIPMENT & INSTRUMENTATION	-
52	E&M	1621140P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MOTOR VEHICLE ACCESSORIES	TYRE & PARTS	TYRE & PARTS	-
53	E&M	1622100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	PRIME MOVER	AVIATION VEHICLE	AVIATION VEHICLE	To supply and deliver Aviation Vehicle such as but not limited to bowser, dispenser & flushing vehicle
54	E&M	1622110P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	PRIME MOVER	MOTOR VEHICLE	MOTOR VEHICLE	To supply and deliver Motor Vehicle such as but not limited to passenger car, motorcycle and pickup truck
55	E&M	1626110P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	BEARINGS	BEARINGS	To supply and deliver Bearings excluding customized design bearing
56	E&M	1626120P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	BELTS & CHAINS	BELTS & CHAINS	-
57	E&M	1626130P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	SPARE PARTS - COUPLINGS	SPARE PARTS - COUPLINGS	-
58	E&M	1626140P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	ELECTRODES	ELECTRODES	-
59	E&M	1626160P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	GEARBOX & GEARS	GEARBOX & GEARS	-
60	E&M	1626170P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	HYDRAULIC CIRCUIT FILTERS	HYDRAULIC CIRCUIT FILTERS	-
61	E&M	1626190P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	PROCESS FILTER	PROCESS FILTER	To supply and deliver Process Filter such as but not limited to Water Injection Filters, Glycol Filters, Oil Filters, Fuel Filters, Air Filters, Gas Filters and Duplex Filters
62	E&M	1626200P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	PULLEYS, SHEAVES & SPROCKET	PULLEYS, SHEAVES & SPROCKET	-
63	E&M	1626210P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	SPECIALISED CONNECTORS & JOINTS	SPECIALISED CONNECTORS & JOINTS	To supply and deliver Welded or Non-welded Specialised Connectors and Joints such as clamp type connectors, compact flanges, swivels flanges, hammer lug, swage connector and joints
64	E&M	1627100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	AUTOMOTIVE WORKSHOP EQUIPMENT	AUTOMOTIVE WORKSHOP EQUIPMENT	To supply and deliver Automotive Workshop Equipment such as but not limited to hoist, tyre service equipment and lubricant service equipment
65	E&M	1627110P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	BARREL & GREASE PUMP	BARREL & GREASE PUMP	To supply and deliver Barrel & Grease Pump such as but not limited to High Pressure Grease Pump and Barrel Pump (Motor/Pneumatic/Hand Operated)
66	E&M	1627120P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	ELECTRIC HAND TOOLS & EQUIPMENT	ELECTRIC HAND TOOLS & EQUIPMENT	To supply and deliver Electric Hand Tools & Equipment such as but not limited to Impact Wrench, Electrical Equipment (e.g. HV tester, relay tester, current injector & etc), Electric Hand Tools, Hand Grinder, Smoke Meter and Welding Transformer
67	E&M	1627130P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	HYDRAULIC JACKING, TENSIONING & TORQUEING EQUIPMENT	HYDRAULIC JACKING, TENSIONING & TORQUEING EQUIPMENT	To supply and deliver Hydraulic Jacking, Tensioning & Torqueing Equipment such as but not limited to bolt tensioning and torquing, flange spreader, nut splitter, hydraulic jack and garage jack
68	E&M	1627140P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	HYDRAULIC PRESS	HYDRAULIC PRESS	-
69	E&M	1627150P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	MECHANIC HAND TOOLS	MECHANIC HAND TOOLS	To supply and deliver Mechanic Hand Tools such as but not limited to wrench, spanner, screwdriver, hammer, and inclusive of cabinet tools installation
70	E&M	1627160P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	PNEUMATIC TOOLS & AIR COMPRESSORS	PNEUMATIC TOOLS & AIR COMPRESSORS	To supply and deliver Pneumatic Tools & Air Compressors such as but not limited to 30 HP Air Compressor
71	E&M	1627170P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	WORKSHOP TOOLS & EQUIPMENT	WELDING EQUIPMENT	WELDING EQUIPMENT	-
72	E&M	1613100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	GAS CYLINDER	LPG CYLINDERS & ACCESSORIES	LPG CYLINDERS & ACCESSORIES	To supply and deliver LPG Cylinders & Accessories such as but not limited to LPG cylinders, cap seal, LPG pallet and plastic tag
73	E&M	1617100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	HOSES	CHEMICAL TRANSFER	CHEMICAL TRANSFER	To supply and deliver hoses for chemical transfer complete with couplings
74	E&M	1618000P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	INSULATION MATERIALS	INSULATION MATERIALS	INSULATION MATERIALS	To supply and deliver insulation materials for hot, acoustic, cold and fire insulation works including personnel protection
75	E&M	1620100P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MECHANICAL OPERATION SYSTEMS	BULK MATERIAL HANDLING SYSTEM & COMPONENTS	BULK MATERIAL HANDLING SYSTEM & COMPONENTS	-
76	E&M	16201210P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MECHANICAL OPERATION SYSTEMS	DEHYDRATION SYSTEM	AIR	-
77	E&M	1620130P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MECHANICAL OPERATION SYSTEMS	FLARE STACK SYSTEM & ACCESSORIES	FLARE STACK SYSTEM & ACCESSORIES	-
78	E&M	1620140P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MECHANICAL OPERATION SYSTEMS	HYDRAULIC POWER UNIT/POWER PACK	HYDRAULIC POWER UNIT/POWER PACK	-

79	E&M	16201600P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MECHANICAL OPERATION SYSTEMS	LPG FILLING SYSTEM & ACCESSORIES	LPG FILLING SYSTEM & ACCESSORIES	To design, supply, deliver, install and test LPG Filling System & Accessories such as but not limited to Proprietary LPG Filling Equipment e.g. leak detector, palletizing and related software and Non Proprietary LPG Filling Equipment Parts e.g. clamper, sensor, hoses, base plate, leak detector (e.g. pneumatic, transmitter, head), palletizing (e.g. sensor, pneumatic), conveyor, conveyor track, etc.
80	E&M	16201700P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	MECHANICAL OPERATION SYSTEMS	VENT SYSTEM	VENT SYSTEM	-
81	E&M	16241200P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SERVICE STATION EQUIPMENT	SERVICE STATION ACCESSORIES	SERVICE STATION ACCESSORIES	To supply and deliver/design, install and commission Service Station Accessories such as but not limited to Display Chillers & Freezers, Visual Elements & Signage, LPG Bulk Equipments e.g. LPG bulk tank, oil separator, vaporiser, etc., Other NGV Refuelling Facilities e.g. electrical panels, storage cascade, etc. and Other Service Station Equipment/Accessories e.g. air conditioning, tire inflator, etc.
82	E&M	16261800P	GENERAL EQUIPMENT, MAINTENANCE & SPARES	SPARE PARTS	PIGGING ACCESSORIES	PIGGING ACCESSORIES	To supply and deliver Pigging Accessories such as but not limited to PIG (e.g. foam, BI-Di, cup, spears, scrapers, brushes, etc.), End Closures, PIG Signalers and Scraper Launcher and Receiver
83	INDIRECT	18121100P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	MEDICAL EQUIPMENT	OTHER MEDICAL EQUIPMENT	0	To supply and deliver Medical Supplies and Medical Equipment.
84	INDIRECT	18151500P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	PROTECTION EQUIPMENT	PERSONNEL PROTECTION EQUIPMENT	0	To supply and deliver Personnel Protection Equipment (PPE) for General Equipment (e.g. safety helmet, hearing protection, safety boot, safety glass, safety gloves, coverall, etc.) and Specialized Equipment (e.g. respirator, chemical suit, fall arrest equipment, etc.)
85	INDIRECT	18151700P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	PROTECTION EQUIPMENT	SELF CONTAINED BREATHING APPARATUS	0	-
86	INDIRECT	18191400P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SAFETY/FIREFIGHTING EQUIPMENT	OTHER SAFETY/FIREFIGHTING EQUIPMENT	0	To supply and deliver Other Safety/Firefighting Equipment such as but not limited to Deluge Valve, Sprinkler System & Accessories, Portable Extinguisher, Fire Hose and Ancillaries, Fire Suit, Foam Compound, Fire Blankets, Fire Monitors and Fire Suppression Agent (E.g. FM200, Nitrogen, Inergent, CO2,AAAF, etc.)
87	INDIRECT	18201100P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SECURITY MANAGEMENT	SECURITY EQUIPMENT & SURVEILLANCE SYSTEM	0	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Security Equipment and Surveillance System such as but not limited to CCTV, motion detection and perimeter intrusion detection
88	INDIRECT	18141411P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	MONITORING & DETECTION SYSTEMS AND MAINTENANCE	PORTABLE SAMPLING & MONITORING SYSTEM	INDUSTRIAL HYGIENE	To design, supply, deliver, install, calibrate and commission Industrial Hygiene related products such as but not limited to noise equipment, gas meter, noise booth, industrial hygiene equipment, exposure monitoring for BTX, kerosene and noise
89	INDIRECT	18151100P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	PROTECTION EQUIPMENT	EYE WASH STATION & SHOWER	EYE WASH STATION & SHOWER	-
90	INDIRECT	18151300P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	PROTECTION EQUIPMENT	HELICOPTER CRASH RESCUE EQUIPMENT	HELICOPTER CRASH RESCUE EQUIPMENT	-
91	INDIRECT	18171000P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	REMEDIATION & RECOVERY SUPPLY	DISPERSANT CHEMICAL	DISPERSANT CHEMICAL	-
92	INDIRECT	18171100P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	REMEDIATION & RECOVERY SUPPLY	OIL/CHEMICAL SPILL RESPONSE EQUIPMENT & ACCESSORIES	OIL/CHEMICAL SPILL RESPONSE EQUIPMENT & ACCESSORIES	To supply and deliver Oil/Chemical Spill Response Equipment & Accessories such as but not limited to Skimmer, Boom and Absorbents
93	INDIRECT	18191000P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SAFETY/FIREFIGHTING EQUIPMENT	FIRE AND GAS SYSTEM	FIRE AND GAS SYSTEM	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Fire and Gas System for process area inclusive of beacons, sounder, fire alarm panel
94	INDIRECT	18191100P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SAFETY/FIREFIGHTING EQUIPMENT	FIRE ENGINE/TENDERS	FIRE ENGINE/TENDERS	To design, assemble, install, test, supply, deliver, commission fire engines/tenders and conduct training on operation
95	INDIRECT	18211000P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SURVIVAL EQUIPMENT & MATERIALS	ESCAPE CAPSULE & ACCESSORIES	ESCAPE CAPSULE & ACCESSORIES	-
96	INDIRECT	18211200P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SURVIVAL EQUIPMENT & MATERIALS	ESCAPE SYSTEM	ESCAPE SYSTEM	To supply and deliver escape system related equipment such as but not limited to confine space rescue equipment, personal locator equipment and high level rescue equipment
97	INDIRECT	18211300P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SURVIVAL EQUIPMENT & MATERIALS	LIFE/WORK VESTS	LIFE/WORK VESTS	-
98	INDIRECT	18211400P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SURVIVAL EQUIPMENT & MATERIALS	LIFERAFT & ACCESSORIES	LIFERAFT & ACCESSORIES	-
99	INDIRECT	18211700P	HEALTH, SAFETY, SECURITY, & ENVIRONMENT	SURVIVAL EQUIPMENT & MATERIALS	RESCUE BOAT	RESCUE BOAT	-
100	E&M	20111000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CONTROL PANELS	ANNUNCIATOR/MASTER SHUTDOWN PANEL	ANNUNCIATOR/MASTER SHUTDOWN PANEL	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Annunciator/Master Shutdown Panel
101	E&M	20111100P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CONTROL PANELS	INSTRUMENT CONTROL PANEL	INSTRUMENT CONTROL PANEL	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Instrument Control Panel
102	E&M	20121000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CONTROLLERS	ELECTRONIC TYPE	ELECTRONIC TYPE	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and provide training of Electronic Type controllers such as but not limited to Single Loop Controller, Anti Surge Controller, Governor Controller and Turbina Controller
103	E&M	20121100P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CONTROLLERS	PNEUMATIC TYPE CONTROLLERS	PNEUMATIC TYPE CONTROLLERS	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and provide training of Pneumatic Controllers
104	E&M	20121200P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CONTROLLERS	PROGRAMMABLE CONTROLLERS	PROGRAMMABLE CONTROLLERS	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of General PLC (non safety type)
105	E&M	20130000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CONVERTORS	CONVERTORS	CONVERTORS	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of converters such as but not limited to I/P Converter, I/H Converter, Protocol Converter and Media Converter
106	E&M	20141300P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CUSTODY METERING	TANK GAUGE	TANK GAUGE	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Tank Gauge
107	E&M	20141500P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CUSTODY METERING	WEIGHING MACHINE EQUIPMENT	WEIGHING MACHINE EQUIPMENT	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Weighing Machine Equipment
108	E&M	20171510P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	MONITORING EQUIPMENT	ELECTRONIC COUNTER	-
109	E&M	20171511P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	MONITORING EQUIPMENT	SAND PROBE	-
110	E&M	20250000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	SAMPLING SYSTEM	SAMPLING SYSTEM	SAMPLING SYSTEM	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission Sampling System for metering, and manual sampling including multiphase sampler
111	E&M	20141100P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CUSTODY METERING	GAS METERING - GENERAL	GAS METERING - GENERAL	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Gas Metering - General including flare, fuel and product allocation
112	E&M	20141200P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	CUSTODY METERING	LIQUID METERING	LIQUID METERING	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Liquid Metering - General including fuel and product allocation
113	E&M	20150000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	EMERGENCY SHUTDOWN (ESD) SYSTEM	EMERGENCY SHUTDOWN (ESD) SYSTEM	EMERGENCY SHUTDOWN (ESD) SYSTEM	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Emergency Shutdown System (ESD) such as but not limited to Safety Programmable Logic Controller (TUV Rhineland certified and tested to IEC 61508), Electro Mechanical Relay Shutdown System, Pneumatic Shutdown System and Solid State Shutdown System
114	E&M	20171000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	ELECTRONIC TOOLS, TEST & CALIBRATION EQUIPMENT	ELECTRONIC TOOLS, TEST & CALIBRATION EQUIPMENT	To supply and deliver Electronic Tools, Test & Calibration Equipment such as but not limited to Dead Weight Tester, Calibrators and Condition Monitoring Device
115	E&M	20171100P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	FIRE & GAS DETECTORS	FIRE & GAS DETECTORS	To supply and deliver Fire & Gas Detectors such as but not limited to Gas Detector, Smoke Detector, Fire/Heat Detector, Ultra Violet and Infra Red Flame Detector and Visual Flame Detector

116	E&M	20171200P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	FLOW INSTRUMENTS	FLOW INSTRUMENTS	To design, engineer, procure, supply, deliver, install, hook up, test, commission and training of Flow Instruments such as but not limited to Orifice Bodies (Fittings, Flanges, Plates), Cone Meter, Coriolis, Electronic Flow Recorder, Flow Computers, Flow Nozzle, Flow Switches, Flow Transmitter, Magnetic, Pitot/Annubar, Pneumatic Flow/Temperature/Pressure Recorder, Positive Displacement Flow Meter, Rotameter, Sight Flow Indicators, Thermal Mass Flow Meter, Turbine Flowmeters, Ultrasonic Type, Venturi Tube, Vortex, Target Meter, Non-conventional Flow Meter, etc.
117	E&M	20171300P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	LEVEL INSTRUMENTS	LEVEL INSTRUMENTS	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Level Instruments such as but not limited to Level Gauges/Glasses & Cocks, Capacitance/Resistance Type, Differential Pressure Type, Displacement Type, Float Operated Type, Level Switches, Level Transmitter, Ultrasonic Type, Radar Type, Nucleonic Type and Tuning Fork
118	E&M	20171600P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	PRESSURE INSTRUMENTS	PRESSURE INSTRUMENTS	To supply and deliver Pressure Instrument such as but not limited to Pressure/DP Transmitter (inclusive conventional, HART and/or fieldbus, wireless), Pressure/DP Switches, Pressure Gauge and Pressure Transducers
119	E&M	20171700P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	TEMPERATURE INSTRUMENTS	TEMPERATURE INSTRUMENTS	To design, engineer, procure, supply and deliver Temperature Instruments such as but not limited to Temperature Transmitters (inclusive conventional, HART and/or fieldbus, wireless), Temperature Switches, Thermowells, Temperature Gauge and Temperature Sensor/Element (Thermocouple/RTD/others)
120	E&M	20171800P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	FIELD INSTRUMENTS	WEIGHING & MEASURING METERING & SALES SYSTEM - MULTIPHASE METERING	WEIGHING & MEASURING METERING & SALES SYSTEM - MULTIPHASE METERING	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Multiphase Metering
121	E&M	20181000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	GENERAL INSTRUMENT ACCESSORIES	FITTINGS & TUBINGS	FITTINGS & TUBINGS	To supply and deliver Instrument Fittings & Tubings
122	E&M	20181100P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	GENERAL INSTRUMENT ACCESSORIES	OTHER INSTRUMENT ACCESSORIES	OTHER INSTRUMENT ACCESSORIES	To supply and deliver Other Instrument Accessories such as but not limited to safety barriers, surge protection device, isolators, instrument power supply, push button and beacons
123	E&M	20210000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	INSTRUMENTATION CABLES	INSTRUMENTATION CABLES	INSTRUMENTATION CABLES	To supply and deliver Instrumentation Cables such as but not limited to flame retardant, fire resistant, fieldbus, thermocouple extension cable, intrinsically safe and fiber optic
124	E&M	20220000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	MACHINERY CONDITION MONITORING SYSTEM	MACHINERY CONDITION MONITORING SYSTEM	MACHINERY CONDITION MONITORING SYSTEM	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Machinery Condition Monitoring System inclusive of probes, cables and transducers
125	E&M	20231000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	PROCESS CONTROL & MONITORING SYSTEM	DISTRIBUTED CONTROL SYSTEM (DCS)	DISTRIBUTED CONTROL SYSTEM (DCS)	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Distributed Control System (DCS)
126	E&M	20241000P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	QUALITY MEASURING INSTRUMENT	ANALYZER FOR GAS APPLICATION INCLUDING SAMPLING SYSTEM	ANALYZER FOR GAS APPLICATION INCLUDING SAMPLING SYSTEM	To supply and deliver Analyzer for Gas Application Including Sampling System such as but not limited to Moisture Analyser, Oxygen, CO2, IR analyser, GLC, H2, CO, No2 and So2
127	E&M	20241100P	INSTRUMENTATION & CONTROL EQUIPMENT AND SERVICES	QUALITY MEASURING INSTRUMENT	ANALYZER FOR LIQUID APPLICATION INCLUDING SAMPLING SYSTEM	ANALYZER FOR LIQUID APPLICATION INCLUDING SAMPLING SYSTEM	To supply and deliver Analyzer for Liquid Application Including Sampling System such as but not limited to Oil/Water Content Analyser, Inline Capacitance Probe Reid Vapour & KVP, Density Meter, GLC, viscosity, pour point, colour, oil in water, mercury, conductivity and pH
128	L&W	21131312P	LOGISTICS & WAREHOUSING	STORAGE & PACKING	DRUM	PLASTIC	To supply and deliver plastic drum i.e. HDPE drum
129	L&W	21131313P	LOGISTICS & WAREHOUSING	STORAGE & PACKING	DRUM	RECONDITION STEEL DRUM	To design, supply and deliver woven bags
130	L&W	21131800P	LOGISTICS & WAREHOUSING	STORAGE & PACKING	WOVEN BAGS	WOVEN BAGS	
131	L&W	21141211P	LOGISTICS & WAREHOUSING	WAREHOUSE & SUPPLY BASE EQUIPMENT AND SERVICES	WAREHOUSE EQUIPMENT	CLEANING EQUIPMENT	To supply and deliver Warehouse Cleaning Equipment such as but not limited to scrubber machine, industrial/heavy duty vacuum and polishing vacuum
132	L&W	21141214P	LOGISTICS & WAREHOUSING	WAREHOUSE & SUPPLY BASE EQUIPMENT AND SERVICES	WAREHOUSE EQUIPMENT	MATERIAL HANDLING - PALLETS	To supply and deliver Material Handling - Pallets such as but not limited to wooden and plastic
133	GFM	23151010P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	COATING MATERIALS	ANTI-SLIP	-
134	GFM	23151011P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	COATING MATERIALS	CONCRETE & REINFORCEMENT MATERIAL	-
135	GFM	23151016P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	COATING MATERIALS	LINEPIPE MECHANICAL PROTECTION MATERIAL	-
136	GFM	23151112P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	CORROSION PROTECTION MATERIALS	CATHODIC PROTECTION (CP) - SACRIFICIAL ANODE CATHODIC PROTECTION	To supply and deliver Cathodic Protection (CP) - Sacrificial Anode Cathodic Protection including but not limited to cadwelds, anode and CP test post
137	GFM	23151114P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	CORROSION PROTECTION MATERIALS	GENERAL CORROSION PROTECTION PRODUCTS	To supply and deliver General Corrosion Protection Products such as but not limited to wrapping tape and shrink sleeve
138	GFM	23151115P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	CORROSION PROTECTION MATERIALS	INSULATING FLANGE	-
139	GFM	23151200P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	INSPECTION & TESTING EQUIPMENT & TOOLS	0	To supply and deliver Inspection & Testing Equipment & Tools such as but not limited to UT machine and Thermography
140	GFM	23151014P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	COATING MATERIALS	GRITBLASTING-ABRASIVE MATERIAL	-
141	E&M	24171000P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	AIR HOIST	0	-
142	E&M	24171100P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	CHAIN BLOCK/TROLLEY (MONORAIL HOIST)	CHAIN BLOCK/TROLLEY (MONORAIL HOIST)	-
143	E&M	24171200P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	ELECTRICAL HOISTS	ELECTRICAL HOISTS	-
144	E&M	24171300P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	FORKLIFT	FORKLIFT	To design, fabricate, test, supply and deliver Forklift and its associated accessories/attachment such as but not limited to forks and side shifter
145	E&M	24171400P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	HAND WINCH	0	-
146	E&M	24171600P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	LIFTING & RIGGING EQUIPMENT & ACCESSORIES	LIFTING & RIGGING EQUIPMENT & ACCESSORIES	To supply and deliver Lifting & Rigging Equipment & Accessories such as but not limited to Crawler
147	E&M	24171700P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	MANLIFT - MOBILE & STATIONARY	0	To supply and deliver Manlift - Mobile & Stationary
148	E&M	24171900P	MECHANICAL EQUIPMENT & SERVICES	HOISTING & LIFTING EQUIPMENT	OVERHEAD TRAVELLING/GANTRY	OVERHEAD TRAVELLING/GANTRY	-
149	E&M	24271000P	MECHANICAL EQUIPMENT & SERVICES	WATER TREATMENT EQUIPMENT	CATRIDGE FILTER	CATRIDGE FILTER	-
150	E&M	24271300P	MECHANICAL EQUIPMENT & SERVICES	WATER TREATMENT EQUIPMENT	MICRO/ULTRA/NANO FILTER	MICRO/ULTRA/NANO FILTER	To design, supply, fabricate, deliver, install, testing and commissioning of Micro/Ultra/Nano Filter
151	E&M	24271400P	MECHANICAL EQUIPMENT & SERVICES	WATER TREATMENT EQUIPMENT	WASTE WATER TREATMENT EQUIPMENT	0	To design, fabricate, assemble, inspection, test, supply and deliver to site, and provide commissioning support of Waste Water Treatment Equipment such as but not limited to Hypochlorinator Package, Corrugated Plate Interceptor (CPI), Induced Gas/Dissolved Air Flotation, Sewage Treatment Unit, Hydro Cyclone and Effluent Treatment System Spare Parts and Components (e.g. filter cloth)
152	E&M	24271510P	MECHANICAL EQUIPMENT & SERVICES	WATER TREATMENT EQUIPMENT	WATER MAKER/DESALINATION	DISTILLATION UNIT	-

153	E&M	24271511P	MECHANICAL EQUIPMENT & SERVICES	WATER TREATMENT EQUIPMENT	WATER MAKER/DESALINATION	REVERSE OSMOSIS	-
154	E&M	24212500P	MECHANICAL EQUIPMENT & SERVICES	ROTATING EQUIPMENT	OTHER ROTATING EQUIPMENT	OTHER ROTATING EQUIPMENT	-
155	E&M	24271200P	MECHANICAL EQUIPMENT & SERVICES	WATER TREATMENT EQUIPMENT	FRESH WATER REVERSE OSMOSIS	FRESH WATER REVERSE OSMOSIS	To design, supply, fabricate, deliver, install, testing and commissioning of Reverse Osmosis
156	INDIRECT	25171900P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	TOILETTERIES, HYGIENE & CLEANING PRODUCTS	0	To supply and deliver Toiletteries, Hygiene & Cleaning Products such as but not limited to dishwashing liquid, dishwashing sponge, bleach, hand soap, floor cleaner, toilet tissue roles and mop
157	INDIRECT	25181200P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE/RESIDENTIAL & BUILDING EQUIPMENT	FURNITURE	0	To supply and deliver office furniture such as but not limited to cabinet, drawer, table, chair, shelf and bed
158	INDIRECT	25181400P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE/RESIDENTIAL & BUILDING EQUIPMENT	KITCHEN EQUIPMENT	0	To supply and deliver Kitchen Equipment such as but not limited to kitchen utensils, microwave oven, kettle, rice cooker, coffee maker, plastic containers, toaster, sandwich maker, flask and refrigerator
159	INDIRECT	25181500P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE/RESIDENTIAL & BUILDING EQUIPMENT	OFFICE EQUIPMENT	0	To supply and deliver Office Equipment such as but not limited to binding machine, laminating machine, extension cords, projector and whiteboard
160	INDIRECT	25131000P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	CATERING	CONFECTIONARY ITEMS & RELATED SERVICES	0	To supply and deliver confectionary items such as but not limited to coffee mix, milk, sugar and biscuits
161	INDIRECT	25171300P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	PLASTIC PRODUCTS	0	To supply and deliver Plastic Products such as but not limited to including plastic bags, zip-lock bags and polypropylene woven bag
162	INDIRECT	25171000P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	FABRIC/TEXTILE MATERIAL	FABRIC/TEXTILE MATERIAL	To supply and deliver Fabric/Textile Material such as but not limited to Textile/fabric, gunny sack and bags
163	INDIRECT	25181100P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE/RESIDENTIAL & BUILDING EQUIPMENT	ELECTRICAL APPLIANCES & PARTS	ELECTRICAL APPLIANCES & PARTS	To supply and deliver Electrical Appliances & Parts such as but not limited to Standing fan, dryer, air purifier, home theatre system, water dispenser, air-conditioning system (including air-conditioning unit at service station), vacuum cleaner, television, washing machine and iron
164	INDIRECT	25181300P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE/RESIDENTIAL & BUILDING EQUIPMENT	INTERIOR DECORATION PRODUCTS	INTERIOR DECORATION PRODUCTS	To supply and deliver Interior Decoration Products such as but not limited to flowers, frames and vases
165	INDIRECT	25151000P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	CHROMOTOGRAPHY	CHROMOTOGRAPHY	To supply and deliver Chromotography equipment such as but not limited to GC, HPLC, LC and IC
166	INDIRECT	25151100P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	GENERAL LABORATORY EQUIPMENT/APPARATUS	GENERAL LABORATORY EQUIPMENT/APPARATUS	To supply and deliver General Laboratory Equipment/Apparatus such as but not limited to oven, pH meter, balance, jaw crusher, mixer, grinder, sampling cylinder and fume hood
167	INDIRECT	25151200P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	LABORATORY FURNITURE	LABORATORY FURNITURE	To supply and deliver Laboratory Furniture such as but not limited to anti vibration table, work bench, sink and chemical cabinet
168	INDIRECT	25151300P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	LABORATORY SPARE PARTS & CONSUMABLES	LABORATORY SPARE PARTS & CONSUMABLES	To supply and deliver Laboratory Spare parts & Consumables such as but not limited to glass ware, filter paper, glove and o-ring
169	INDIRECT	25151400P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	PHYSICAL TESTING	PHYSICAL TESTING	To supply and deliver Physical Testing equipment such as but not limited to melt index, distillation unit, pour point analyser and penetrometer
170	INDIRECT	25151500P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	SPECTROSCOPY	SPECTROSCOPY	To supply and deliver Spectroscopy equipment such as but not limited to Spectrophotometer, FTIR, ICP, AAS, XRF and XRD
171	INDIRECT	25151600P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	THERMAL ANALYSIS	THERMAL ANALYSIS	To supply and deliver Thermal Analysis equipment such as but not limited to Thermal Gravimetry Analyser
172	INDIRECT	25151700P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	LABORATORY EQUIPMENT	TITRATOR	TITRATOR	To supply and deliver Titrator equipment such as but not limited to Auto titrator and Karl Fischer
173	INDIRECT	25211000P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	PACKING & PACKAGING SERVICES	CORRUGATED FIBREBOARD CARTONS & CAN	CORRUGATED FIBREBOARD CARTONS & CAN	To supply and deliver Corrugated Fibreboard Cartons & Can
174	INDIRECT	25111100P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	BOOKS & JOURNAL	DEVELOPMENT & PUBLICATION OF PETRONAS BOOKS & JOURNAL		NA
175	INDIRECT	25171500P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	SHOES (EXCLUDING SAFETY SHOES)		To supply and deliver shoes such as but not limited to sports shoes, office shoes and security/auxiliary officer shoes excluding safety shoes)
176	INDIRECT	25171100P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	OFFICE/RESIDENTIAL TEXTILES	0	To supply and deliver Office/Residential Textiles such as but not limited to Mattresses, cushions, pillows, curtain, blanket, bed sheets and carpets
177	INDIRECT	25171200P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	OFFICE MATERIALS & CONSUMABLES	0	To supply and deliver Office Materials & Consumables such as but not limited to Canvas & Accessories (e.g. tarpaulin, canopy, etc.), Office Stationery (e.g. staplers, markers, pens, pencils, binding coils, files, draughting and graphic stationeries, general dry cell batteries, etc.) and Papers (e.g. photocopy/printing paper for all sizes, flipchart paper, binding hardcover paper, conqueror paper, etc.)
178	INDIRECT	25171400P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	READING MATERIALS	0	To supply and deliver Reading Materials such as but not limited to books, magazines, newspapers and other publications, such as journals, periodicals and reports
179	INDIRECT	25171600P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	SMART CARD & MAGNETIC STRIPE CARD	0	-
180	INDIRECT	25171700P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	SOUVENIR/AWARDS/GIFTS	0	To supply and deliver Souvenir/Awards/Gifts such as but not limited to safety awards, long service awards and baby gift set
181	INDIRECT	25171800P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	SPORT & RECREATIONAL EQUIPMENT	0	To supply and deliver Sport & Recreational Equipment such as but not limited to ball, bicycle and racket
182	INDIRECT	25172000P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE SUPPLIES	UNIFORM & ACCESSORIES	0	To supply and deliver Uniform & Accessories including of Corporate Attire e.g. security uniform, traditional attires, socks, caps, corporate t-shirt/shirt, jackets, etc.
183	INDIRECT	25181000P	OFFICE, ADMINISTRATION & PROFESSIONAL SERVICES	OFFICE/RESIDENTIAL & BUILDING EQUIPMENT	ADVERTISING MATERIAL & FLAGS	0	To supply and deliver Advertising Material & Flags such as but not limited to banners, signage, streamers, flags and bunting
184	E&M	28131600P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	GATE VALVES THROUGH CONDUIT (SLAB & EXPANDABLE TYPE)	0	-
185	E&M	28132300P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	VALVES LOCKING/INTERLOCKING DEVICES	0	-
186	E&M	28151400P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	CHEMICAL INJECTION/SAMPLING QUILL ASSEMBLY	0	-
187	E&M	28151700P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	EXPANSION JOINT/BELLOW	0	-
188	E&M	28152400P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	Y STRAINER, CONICAL STRAINER & BASKET STRAINER	0	-
189	E&M	28101000P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	ACTUATED ON/OFF VALVES	ACTUATED ON/OFF VALVES	To design, engineer, supply, deliver, install, hook up, integrate, test and commission of complete assembly of Actuated On/Off Valves
190	E&M	28101100P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	CONTROL VALVES	CONTROL VALVES	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Control Valves
191	E&M	28101200P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	HYDRAULIC TYPE	HYDRAULIC TYPE	To design, engineer, assemble, supply, deliver, install, hook up and test Hydraulic Type Actuator

192	E&M	28101300P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	INSTRUMENT VALVES & MANIFOLDS	INSTRUMENT VALVES & MANIFOLDS	To design, engineer, assemble, supply, deliver, install, hook up and tes Instrument Valves and Manifolds
193	E&M	28101400P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	LPG COMPACT VALVE	LPG COMPACT VALVE	To supply and deliver LPG Compact Valve
194	E&M	28101500P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	MOV	MOV	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Electric Actuator of an MOV system with its control system
195	E&M	28101600P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	PNEUMATIC TYPE ACTUATOR VALVES	PNEUMATIC TYPE ACTUATOR VALVES	To design, engineer, assemble, supply, deliver, install, hook up and test Pneumatic Type Actuator Valves
196	E&M	28101700P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	SOLENOID	SOLENOID	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Electric Actuator of Solenoid system
197	E&M	28101800P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	SOLENOID VALVES	SOLENOID VALVES	To design, engineer, assemble, supply, deliver, install, hook up, test, commission of Solenoid Valves
198	E&M	28101900P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	THERMOSTATIC VALVES	THERMOSTATIC VALVES	To design, engineer, assemble, supply, deliver, install, hook up, test, commission of Thermostatic Valves
199	E&M	28102000P	PROCESS PIPING EQUIPMENT & SERVICES	ACTUATOR VALVES	VALVE ACCESSORIES & ANCILLARIES	VALVE ACCESSORIES & ANCILLARIES	To design, engineer, assemble, supply, deliver, install, hook up, test and commission of Valve Accessories & Ancillaries such as but not limited to Valve Positioners, Process Regulators, other Valve Accessories & Ancillaries (i.e. regulator, lock up valve, switching valve).
200	E&M	28131000P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	BALL VALVES	BALL VALVES	To supply and deliver Ball Valves less than 50mm (Non-Firesafe & Firesafe/Firetested) and Ball Valve 50mm and larger (Firesafe/Firetested & Offshore Pipeline Valve)
201	E&M	28131100P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	BUTTERFLY VALVES	BUTTERFLY VALVES	To supply and deliver Butterfly Valves such as but not limited to Concentric, Double Offset and Triple Offset
202	E&M	28131200P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	CHECK VALVES	CHECK VALVES	To supply and deliver Check Valves such as but not limited to Swing Type, Dual Plate, Non-Slam & Piston/Ball Type
203	E&M	28131400P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	DIAPHRAGM VALVES	DIAPHRAGM VALVES	
204	E&M	28131500P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	GATE VALVES	GATE VALVES	To supply and deliver Gate Valves
205	E&M	28131700P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	GLOBE VALVES	GLOBE VALVES	To supply and deliver Globe Valves
206	E&M	28131800P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	INTEGRAL DOUBLE BLOCK & BLEED VALVE (NON-INSTRUMENT)	INTEGRAL DOUBLE BLOCK & BLEED VALVE (NON-INSTRUMENT)	-
207	E&M	28132000P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	PLUG VALVES	PLUG VALVES	-
208	E&M	28132100P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	SPECIAL VALVE	SPECIAL VALVE	To supply and deliver Special Valve such as but not limited to Rotary valve, 3 way valve, piston valve, minimum flow auto recirculation and foot valve
209	E&M	28132200P	PROCESS PIPING EQUIPMENT & SERVICES	MECHANICAL VALVES	VACUUM/BREATHER VALVES	VACUUM/BREATHER VALVES	-
210	E&M	28151000P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	ALLOY FITTING & FLANGES	ALLOY FITTING & FLANGES	To supply and deliver Alloy Fitting & Flanges including but not limited to exotic material such as titanium, hastelloy, inconel, etc.
211	E&M	28151100P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	AUTO DRAINER	AUTO DRAINER	-
212	E&M	28151200P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	BOLTING MATERIALS (EXCLUDE OEM)	BOLTING MATERIALS (EXCLUDE OEM)	To manufacture, supply and deliver of Bolting Materials
213	E&M	28151300P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	CARBON STEEL, STAINLESS STEEL & DUPLEX FITTING & FLANGES	CARBON STEEL, STAINLESS STEEL & DUPLEX FITTING & FLANGES	-
214	E&M	28151600P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	CUPRO NICKEL & MONEL FITTING & FLANGES	CUPRO NICKEL & MONEL FITTING & FLANGES	-
215	E&M	28151800P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	NON-METAL FITTINGS & FLANGES	NON-METAL FITTINGS & FLANGES	-
216	E&M	28152000P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	SPECIAL PIPE SUPPORT & EXHAUST STACKS	SPECIAL PIPE SUPPORT & EXHAUST STACKS	To supply and deliver Special Pipe Support & Services such as but not limited to constant and variable spring hangers/support, ancillaries, snubbers, cold shoes, etc.) and Exhaust Stack & Accessories
217	E&M	28152100P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	SPECIALIZED GASKET	SPECIALIZED GASKET	To supply and deliver Specialized Gasket to connect dissimilar flanges, to carry out in-situ pressure test, etc.
218	E&M	28152200P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	STANDARD GASKETS	STANDARD GASKETS	To manufacture, supply and deliver of Standard Gaskets
219	E&M	28152300P	PROCESS PIPING EQUIPMENT & SERVICES	PIPE FITTINGS	STEAM TRAPS	STEAM TRAPS	-
220	E&M	28160000P	PROCESS PIPING EQUIPMENT & SERVICES	PRESSURE SAFETY DEVICES - RUPTURE DISCS	PRESSURE SAFETY DEVICES - RUPTURE DISCS	PRESSURE SAFETY DEVICES - RUPTURE DISCS	-
221	E&M	28170000P	PROCESS PIPING EQUIPMENT & SERVICES	PRESSURE SAFETY VALVES	PRESSURE SAFETY VALVES	PRESSURE SAFETY VALVES	To supply and deliver Pressure Safety Valves such as but not limited to Pilot Operated Safety Relief Valve, Pilot Operated Safety Relief Valve and Conventional Safety Relief Valve
222	E&M	29100000P	STRUCTURAL STEEL & ALUMINIUM	STRUCTURAL ALUMINIUM	STRUCTURAL ALUMINIUM	STRUCTURAL ALUMINIUM	To design, fabricate, supply, deliver and install structural aluminium
223	E&M	29111000P	STRUCTURAL STEEL & ALUMINIUM	STRUCTURAL STEEL	BEAMS & COLUMNS	BEAMS & COLUMNS	-
224	E&M	29111100P	STRUCTURAL STEEL & ALUMINIUM	STRUCTURAL STEEL	PLATES	PLATES	-
225	E&M	29111200P	STRUCTURAL STEEL & ALUMINIUM	STRUCTURAL STEEL	TUBULAR - RODS & BARS	TUBULAR - RODS & BARS	-
226	CHEMICAL	10111100P	CHEMICALS	COMMODITY CHEMICALS	AMINES	0	To supply and deliver Amines
227	CHEMICAL	10111900P	CHEMICALS	COMMODITY CHEMICALS	INDUSTRIAL DETERGENT	0	To supply and deliver Industrial Detergent such as but not limited to soft soap for chain conveyor and cylinder washing
228	CHEMICAL	10112010P	CHEMICALS	COMMODITY CHEMICALS	INKS, PIGMENTS, COATINGS, VARNISHES & PAINTS	DECORATIVE	To supply and deliver Inks, Pigments, Coatings, Varnishes & Paints for Decorative purposes
229	CHEMICAL	10112700P	CHEMICALS	COMMODITY CHEMICALS	SOLVENTS	0	To formulate and/or supply and deliver Solvents
230	CHEMICAL	10141810P	CHEMICALS	PROCESS CHEMICALS	CORROSION INHIBITORS AND BIOCIDES	INTEGRITY CHEMICALS	To formulate, manufacture, supply and provision of associated services for customized integrity Chemicals such as but not limited to CI and Biocide
231	CHEMICAL	10142410P	CHEMICALS	PROCESS CHEMICALS	PROCESS MEDIA	ACTIVATED ALUMINA , ANTHRACITE, SILICA GEL, SAND & GRAVEL	To supply and deliver Process Media i.e. Activated Alumina, Anthracite, Silica Gel, Sand and Gravel
232	CHEMICAL	10142200P	CHEMICALS	PROCESS CHEMICALS	OTHER PROCESS CHEMICALS	0	To formulate, manufacture, supply and provision of associated services for Process Chemicals excluding Additives, Antifoulant, Antioxidants, Barites, Blended Chemicals, Boiler Water Chemicals, Catalyst, Cooling Water Chemicals, Corrosion Inhibitors & Biocide, Defloculants, Inorganic Chemicals, Loss Circulation Materials, Oxygen & Hydrogen Sulphide Scavengers, Process Media, Process Water Chemicals, Production Chemicals, Stuck Pipe Chemicals, Sulfiding Agent, Treatment Chemicals for Oil Base Muds, Viscosifiers and Fluid Loss Reducers, Water Displacing, Water Injection Chemicals and Weighting Materials.
233	CHEMICAL	10142500P	CHEMICALS	PROCESS CHEMICALS	PROCESS WATER CHEMICAL	0	To formulate, manufacture, supply and provision of associated services for Process Water Treatment Chemical
234	L&W	21121100P	LOGISTICS & WAREHOUSING	MARINE	MARINE ACCESSORIES	0	To supply and deliver marine accessories products such as but not limited to shackles, timble, clips, mooring ropes, fibre ropes, chains, camlock and anchor

235	L&W	21141215P	LOGISTICS & WAREHOUSING	WAREHOUSE & SUPPLY BASE EQUIPMENT AND SERVICES	WAREHOUSE EQUIPMENT	MATERIAL HANDLING - RACKING	-
236	GFM	23151012P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	COATING MATERIALS	CORROSION/ INSULATION COATING MATERIAL	-
237	GFM	23151110P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	CORROSION PROTECTION MATERIALS	CATHODIC PROTECTION (CP) - IMPRESSED CURRENT CATHODIC PROTECTION	To supply and deliver Cathodic Protection (CP) - Impressed Current Cathodic Protection including but not limited to transformer rectifier unit, cadwelds, anode and CP test post
238	GFM	23151113P	MATERIAL CORROSION EQUIPMENT & SERVICES AND INSPECTION SERVICES	MATERIAL CORROSION EQUIPMENT	CORROSION PROTECTION MATERIALS	CORROSION MONITORING EQUIPMENT	To supply and delievr Corrosion Monitoring Equipment such as but not limited to electrical resistance probe, corrosion coupon, field signature method (FSM) and Electrochemical Frequency Modulation (EFM)
239	DICT	13101500P	DIGITAL & ICT	APPLICATION SOFTWARE	SOFTWARE FOR WORKSTATIONS	0	To supply, deliver, install, test and commission of Software for Workstations such as but not limited to linux, unix, technical application, scientific application and Autodesk Suite

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