

PETROS' LICENSE AND WORK CATEGORY (PLWC) - PRODUCTS
EFFECTIVE 01 FEBRUARY 2023



Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PA100001	Products	Administration & Professional Services	Catering	Confectionary items & related services	To supply and deliver confectionary items such as but not limited to coffee mix, milk, sugar and biscuits
PA200001	Products	Administration & Professional Services	Office Supplies	Fabric/Textile Material	To supply and deliver Fabric/Textile Material such as but not limited to Textile/fabric, gunny sack and bags
PA200002	Products	Administration & Professional Services	Office Supplies	Office/Residential Textiles	To supply and deliver Office/Residential Textiles such as but not limited to Mattresses, cushions, pillows, curtain, blanket, bed sheets and carpets
PA200003	Products	Administration & Professional Services	Office Supplies	Office Materials & Consumables	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.)
PA200004	Products	Administration & Professional Services	Office Supplies	Plastic Products	To supply and deliver Plastic Products such as but not limited to including plastic bags, zip-lock bags and polypropylene woven bag
PA200005	Products	Administration & Professional Services	Office Supplies	Reading Materials	To supply and deliver Reading Materials such as but not limited to books, magazines, newspapers and other publications, such as journals, periodicals and reports
PA200006	Products	Administration & Professional Services	Office Supplies	Smart Card & Magnetic Stripe Card	-
PA200007	Products	Administration & Professional Services	Office Supplies	Souvenir/Awards /Gifts	To supply and deliver Souvenir/Awards/Gifts such as but not limited to safety awards, long service awards and baby gift set
PA200008	Products	Administration & Professional Services	Office Supplies	Sport & Recreational Equipment	To supply and deliver Sport & Recreational Equipment such as but not limited to ball, bicycle and racquet
PA200009	Products	Administration & Professional Services	Office Supplies	Toiletries, Hygiene & Cleaning Products	To supply and deliver Toiletries, Hygiene & Cleaning Products such as but not limited to dishwashing liquid, dishwashing sponge, bleach, hand soap, floor cleaner, toilet tissue roles and mop
PA200010	Products	Administration & Professional Services	Office Supplies	Uniform & Accessories & Shoes (Excluding Safety Shoes)	To supply and deliver Uniform & Accessories including of Corporate Attire e.g. security uniform, traditional attires, socks, caps, corporate t-shirt/shirt, jackets, etc. To supply and deliver shoes such as but not limited to sports shoes, office shoes and security/auxiliary officer shoes excluding safety shoes)
PA300001	Products	Administration & Professional Services	Office/Residential & Building Equipment	Advertising Material & Flags	To supply and deliver Advertising Material & Flags such as but not limited to banners, signage, streamers, flags and bunting
PA300002	Products	Administration & Professional Services	Office/Residential & Building Equipment	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
PA300003	Products	Administration & Professional Services	Office/Residential & Building Equipment	Furniture	To supply and deliver office furniture such as but not limited to cabinet, drawer, table, chair, shelf and bed
PA300004	Products	Administration & Professional Services	Office/Residential & Building Equipment	Interior Decoration Products	To supply and deliver Interior Decoration Products such as but not limited to flowers, frames and vases
PA300005	Products	Administration & Professional Services	Office/Residential & Building Equipment	Kitchen Equipment	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
PA300006	Products	Administration & Professional Services	Office/Residential & Building Equipment	Office Equipment	To supply and deliver Office Equipment such as but not limited to binding machine, laminating machine, extension cords, projector and whiteboard

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PA400001	Products	Administration & Professional Services	Packing & Packaging Services	Corrugated Fibreboard Cartons & can	To supply and deliver Corrugated Fibreboard Cartons & Can
PA500001	Products	Administration & Professional Services	Laboratory Equipment	Chromotography	To supply and deliver Chromotography equipment such as but not limited to GC, HPLC, LC and IC
PA500002	Products	Administration & Professional Services	Laboratory Equipment	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
PA500003	Products	Administration & Professional Services	Laboratory Equipment	Laboratory Furniture	To supply and deliver Laboratory Furniture such as but not limited to anti vibration table, work bench, sink and chemical cabinet
PA500004	Products	Administration & Professional Services	Laboratory Equipment	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
PA500005	Products	Administration & Professional Services	Laboratory Equipment	Physical Testing	To supply and deliver Physical Testing equipment such as but not limited to melt index, distillation unit, pour point analyser and penetrometer
PA500006	Products	Administration & Professional Services	Laboratory Equipment	Spectroscopy	To supply and deliver Spectroscopy equipment such as but not limited to Spectrophotometer, FTIR, ICP, AAS , XRF and XRD
PA500007	Products	Administration & Professional Services	Laboratory Equipment	Thermal Analysis	To supply and deliver Thermal Analysis equipment such as but not limited to Thermal Gravimetry Analyser
PA500008	Products	Administration & Professional Services	Laboratory Equipment	Titrator	To supply and deliver Titrator equipment such as but not limited to Auto titrator and Karl Fischer
PB100001	Products	Civil & Infrastructure	Civil Works & Maintenance Materials	Hardware & Building Materials for Onshore & Offshore	To supply and deliver Hardware for Civil Works & Maintenance Materials for Onshore & Offshore such as but not limited to bolts and nuts, screws, rivets and paint brushes/rollers, tiles, door frame, door, ready mix concrete, sand and aggregates, cement , timber, piping and guard rails
PB200001	Products	Civil & Infrastructure	Marine Systems	Jetty	To supply and deliver marine systems/products related to jetty such as but not limited to mooring system (e.g. quick release hook, etc.), fendering system (e.g. single mooring point, jetty, boat landing for offshore platform, etc.) and product system (e.g. loading arm, cargo/transfer hoses, etc.)
PC100001	Products	Chemicals	Commodity Chemicals	Acids - Acetic Acid, Acid Fracturing & Acidizing Additives, Formic Acid, Hydrochloric Acid, Hydroflouric Acid, Sulphuric Acid & Other Acids	To supply and deliver Acetic Acid, Acid Fracturing & Acidizing Additives, Formic Acid, Hydrochloric Acid, Hydrofluoric Acid, Sulphuric Acid & Other Acids
PC100002	Products	Chemicals	Commodity Chemicals	Amines & Ammonia	To supply and deliver Amines & Ammonia
PC100003	Products	Chemicals	Commodity Chemicals	API Class G Cement & Base Oil	To supply and deliver API Class G cement & Base Oil
PC100004	Products	Chemicals	Commodity Chemicals	Chloralkali - Caustic Soda & Other Chloralkali	To supply and deliver Caustic Soda & Other Chloralkali
PC100005	Products	Chemicals	Commodity Chemicals	Disinfectants/Cleaner/Degreassing Agent	To supply and deliver Disinfectants/Cleaner/Degreassing Agent
PC100006	Products	Chemicals	Commodity Chemicals	Fertilizer	To supply and deliver Fertilizer
PC100007	Products	Chemicals	Commodity Chemicals	Glycols - Monoethylene Glycol (MEG), Triethylene Glycol (TEG) & Other Glycols	To supply and deliver Monoethylene Glycol (MEG), Triethylene Glycol (TEG) & Other Glycol

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PC100008	Products	Chemicals	Commodity Chemicals	Industrial Detergent	To supply and deliver Industrial Detergent such as but not limited to soft soap for chain conveyor and cylinder washing
PC100009	Products	Chemicals	Commodity Chemicals	Inks, Pigments, Coatings, Varnishes & Paints - Decorative, Pigments, Coatings, Varnishes, Paints & Other Inks	To supply and deliver Inks, Pigments, Coatings, Varnishes & Paints for Decorative & Industrial purposes
PC100010	Products	Chemicals	Commodity Chemicals	Methanol	To supply and deliver Methanol
PC100011	Products	Chemicals	Commodity Chemicals	Oils & Lubricants - Lubricants, Wash Oil & Other Oils	To supply and deliver Lubricants, Wash Oil & Other Oils
PC100012	Products	Chemicals	Commodity Chemicals	Oleochemicals	To supply and deliver Oleochemicals
PC100013	Products	Chemicals	Commodity Chemicals	Resins - Ion Exchange Resin, Polyethylene & Other Resins	To supply and provision of associated support services for Ion Exchange Resin, Polyethylene & Other Resins
PC100014	Products	Chemicals	Commodity Chemicals	Salts	To supply and deliver Salts
PC100015	Products	Chemicals	Commodity Chemicals	Solvents & Surfactants	To formulate and/or supply and deliver Solvents & Surfactants
PC100016	Products	Chemicals	Commodity Chemicals	Waste Water Treatment Chemicals	To supply and deliver Waste Water Treatment Chemicals
PC100017	Products	Chemicals	Commodity Chemicals	Other Commodity Chemicals	To supply and deliver Other Commodity Chemicals excluding Acids, Amines, Ammonia, API Class G Cement, Base Oil, Chloralkali, Disinfectants/Cleaner/Degreasing Agent, Fertilizer, Glycols, Industrial Detergents, Inks, Pigments, Coatings, Varnishes & Paints, Methanol, Oils & Lubricants, Oleochemicals, Resins, Salts, Solvents, Surfactants and Waste Water Treatment Chemicals
PC200001	Products	Chemicals	Process Chemicals	Additives - Anti-Blocking Agents, Antifoams, Conductivity Improver & Other Additives	To supply and deliver Anti - Blocking Agents, Antifoam, Conductivity Improver & Other Additives
PC200002	Products	Chemicals	Process Chemicals	Antifoulant & Antioxidants	To formulate, manufacture, supply and provision of associated services for Antifoulant & Antioxidants
PC200003	Products	Chemicals	Process Chemicals	Barites	To supply and deliver Barites
PC200004	Products	Chemicals	Process Chemicals	Blended Chemicals	To supply and provision of associated services for Blended Chemicals such as but not limited to H2S Scavenger, Pour Point Depressant and Anti Foam
PC200005	Products	Chemicals	Process Chemicals	Boiler Water Chemicals - Common & Customized Boiler Treatment Chemical	To formulate, manufacture, supply and provision of associated services for Common Boiler Treatment Chemical such as but not limited to Oxygen Scavenger, Amine and Phosphate To formulate, manufacture, supply and provision of associated services for Customized Boiler Treatment chemical such as but not limited to Oxygen Scavenger, Neutralizing Amine and Phosphate
PC200006	Products	Chemicals	Process Chemicals	Catalysts - Adsorbents, Dehydrogenation, Hydrogenation, Hydrotreating, Isomerization, Polymerization, Reforming, Sulphur Recovery, Catalyst Support Materials & Other Catalysts	To supply and deliver Adsorbents, Dehydrogenation, Hydrogenation, Hydrotreating, Isomerization, Polymerization, Reforming, Sulphur Recovery, Catalyst Support Materials & Other Catalysts.

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PC200007	Products	Chemicals	Process Chemicals	Cooling Water Chemicals - Common & Customized Cooling Water Treatment Chemical	To formulate, manufacture, supply and provision of associated services for Common & Customized Cooling Water Treatment Chemical such as but not limited to Soda Ash and Calcium Chloride, Anti Scalant, Biocides and Corrosion Inhibitor
PC200008	Products	Chemicals	Process Chemicals	Corrosion Inhibitors and Biocides - Integrity Chemicals & Other Corrosion Inhibitors and Biocides	To formulate, manufacture, supply and provision of associated services for customized Integrity Chemicals such as but not limited to CI and Biocide and Other Corrosion Inhibitors and Biocides such as but not limited to Parafomaldehyde
PC200025	Products	Chemicals	Process Chemicals	Deflocculants	To supply and deliver Deflocculants such as but not limited to Thinners and Dispersant (e.g. Chrome Free Lignosulphonate, Thannis, etc.)
PC200026	Products	Chemicals	Process Chemicals	Inorganic Chemicals	To supply and deliver Inorganic Chemicals such as but not limited to Caustic Soda (pH Control Sodium Carbonate - removal of Soluble Calcium) and Sodium Chloride (Brine preparations Calcium Sulphate - Gypsum Mud)
PC200027	Products	Chemicals	Process Chemicals	Loss Circulation Materials	To supply and deliver Loss Circulation Materials such as but not limited to Mica, Cellophane Flakes, Ground Walnut Shell, etc.
PC200028	Products	Chemicals	Process Chemicals	Other Process Chemicals	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, Deflocculants, 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.
PC200029	Products	Chemicals	Process Chemicals	Oxygen and Hydrogen Sulphide Scavengers	To supply and deliver Oxygen and Hydrogen Sulphide Scavengers such as but not limited to Sodium Sulphite and Iron Sponge
PC200030	Products	Chemicals	Process Chemicals	Process Media - Activated Alumina , Anthracite, Silica Gel, Sand & Gravel, Activated Carbon, Fibre and Cloth & Clay	To supply and deliver Process Media i.e. Activated Alumina, Anthracite, Silica Gel, Sand, Gravel, Activated Carbon, Fibre and Cloth & Clay
PC200033	Products	Chemicals	Process Chemicals	Process Water Chemical	To formulate, manufacture, supply and provision of associated services for Process Water Treatment Chemical
PC200034	Products	Chemicals	Process Chemicals	Production Chemicals - Demulsifiers, Deoiler/Water Clarifier, Dispersant, Inhibitors & Biocides, Pour Point Depressant (PPD), Sludge Breakers, Wax Removers & Other Production Chemicals	To formulate, manufacture, supply and provision of associated services for Demulsifiers, Deoiler/Water Clarifier, Dispersant, Inhibitors & Biocides, Pour Point Depressant (PPD), Sludge Breakers, Wax Removers & Other Production Chemicals
PC200042	Products	Chemicals	Process Chemicals	Stuck Pipe Chemicals	To supply and deliver stuck pipe chemicals such as but not limited to Pipelax and Geltone
PC200043	Products	Chemicals	Process Chemicals	Sulfiding Agent	To supply, deliver and provide associated services for Sulphiding Agents such as but not limited to Dimethyl Disulfide (DMDS)
PC200044	Products	Chemicals	Process Chemicals	Treatment Chemicals for Oil - Base Muds	To supply and deliver Treatment Chemicals for Oil - Base Muds such as but not limited to Shellsol D70 and Wetting Agent

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PC200045	Products	Chemicals	Process Chemicals	Viscosifiers & Fluid Loss Reducers	To supply and deliver Viscosifiers & Fluid Loss Reducers such as but not limited to Carbon Methyl Cellulose and Hydroxy Ethyl Cellulose
PC200046	Products	Chemicals	Process Chemicals	Water Displacing	To supply and deliver Water Displacing chemicals
PC200047	Products	Chemicals	Process Chemicals	Water Injection Chemicals	To supply and deliver Water Injection Chemicals such as but not limited to Polyelectrolyte, Surfactant and Oxygen Scavenger
PC200048	Products	Chemicals	Process Chemicals	Weighting Materials	To supply and deliver Weighting Materials such as but not limited to Iron Oxide Ilmenite, Siderite, Calcite and Galena
PC300001	Products	Chemicals	Gases	Butene & Nitrogen & Propane	To supply and deliver Butene & Nitrogen & Propane Gas
PC300002	Products	Chemicals	Gases	Other Gases	To supply and deliver Other Application Gases excluding Butene, Nitrogen and Propane (e.g. industrial gas, purified gas, calibration gases and etc.)
PC400001	Products	Chemicals	Laboratory Chemicals	Other	To supply and deliver Laboratory Chemicals
PC500001	Products	Carbon Capture Utilisation & Storage	Other	Other	To supply and deliver Carbon Capture Utilisation & Storage (CCUS) related products
PD100001	Products	Digital & ICT	Application Software	Engineering Software	The provision of technical support, software and training for Engineering Software such as but not limited to drilling engineering
PD100002	Products	Digital & ICT	Application Software	Mainframe Software	To supply, deliver, install, test and commission of Mainframe Software specifically Z series which is the standard operation for mainframes
PD100003	Products	Digital & ICT	Application Software	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.)
PD100004	Products	Digital & ICT	Application Software	Server Software	To supply, deliver, install, test and commission of Server Software specifically those that are compatible with RISC based platform and Intel based platform
PD100005	Products	Digital & ICT	Application Software	Software for Workstations	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
PD200001	Products	Digital & ICT	Building Automation	Access Control System	To supply, deliver, install, test and commission of Access Control System
PD200002	Products	Digital & ICT	Building Automation	General Purpose	To supply, deliver, install, test and commission of Public Address General Alarm (PAGA) System for non hazardous area
PD200003	Products	Digital & ICT	Building Automation	Hazardous Area Application	To supply, deliver, install, test and commission of Public Address General Alarm (PAGA) System for process hazardous area
PD300001	Products	Digital & ICT	ICT Equipment & Hardware	Accessories/Printers/Plotters/Peripherals	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
PD300002	Products	Digital & ICT	ICT Equipment & Hardware	Audio/Visual Equipment & Accessories	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

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PD300003	Products	Digital & ICT	ICT Equipment & Hardware	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
PD300004	Products	Digital & ICT	ICT Equipment & Hardware	Hardware for Workstations	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
PD300005	Products	Digital & ICT	ICT Equipment & Hardware	Mainframe	To supply, deliver, develop, install, test and commission of ICT system hardware's based on high end computing
PD300006	Products	Digital & ICT	ICT Equipment & Hardware	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
PD300007	Products	Digital & ICT	ICT Equipment & Hardware	Server	To supply, deliver, develop, install, test and commission of server dedicated to run one or more services to server the needs of the users of other computers on the network such as database server, file server, mail server, print server, web server and etc., generally and Reduced Instruction Set Computing (RISC) based platform server and Intel based platform server specifically
PD400001	Products	Digital & ICT	Telecommunication Equipment & Services	Call Manager/IP Communication Server	To supply, deliver, install, test and commission of Call Manager/IP Communication Server
PD400002	Products	Digital & ICT	Telecommunication Equipment & Services	Data Communication Equipment	To supply, deliver, install, test and commission of Data Communication Equipment such as but not limited to router, switching facilities and relevant software
PD400003	Products	Digital & ICT	Telecommunication Equipment & Services	Fiber Optic Communication System Equipment & accessories	To supply and deliver Fiber Optic Communication System Equipment & Accessories such as but not limited to Transmission Equipment and Termination & Wiring Accessories
PD400004	Products	Digital & ICT	Telecommunication Equipment & Services	Intercom Facilities	To supply, deliver, install, test and commission of Intercom Facilities
PD400005	Products	Digital & ICT	Telecommunication Equipment & Services	Microwave System	To supply, deliver, install, test and commission of Microwave System
PD400006	Products	Digital & ICT	Telecommunication Equipment & Services	Multiplex & Signalling	To supply, deliver, install, test and commission of Multiplex & Signalling
PD400007	Products	Digital & ICT	Telecommunication Equipment & Services	Other Ancillary Equipment	To supply and deliver Telecommunication Other Ancillary Equipment such as but not limited to Hotline System, Digital Video Recorder, Digital Voice Recorder and Facsimile Machine
PD400008	Products	Digital & ICT	Telecommunication Equipment & Services	Radar Surveillance System	To supply, deliver, install, test and commission of Radar Surveillance System
PD400009	Products	Digital & ICT	Telecommunication Equipment & Services	Radio Communication Equipment - HF Single Side Band	To supply, deliver, install, test and commission of HF Single Side Band
PD400010	Products	Digital & ICT	Telecommunication Equipment & Services	Radio Communication Equipment - Navigational Radio Beacon	To supply, deliver, install, test and commission of Navigational Radio Beacon
PD400011	Products	Digital & ICT	Telecommunication Equipment & Services	Radio Communication Equipment - SOLAS Radio System	To supply, deliver, install, test and commission of SOLAS Radio System

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PD400012	Products	Digital & ICT	Telecommunication Equipment & Services	Radio Communication Equipment - UHF/VHF Walkie Talkie	To supply, deliver, install, test and commission of UHF/VHF Walkie Talkie
PD400013	Products	Digital & ICT	Telecommunication Equipment & Services	Radio Communication Equipment - VHF-AM - Aeronautical Radio	To supply, deliver, install, test and commission of VHF-AM - Aeronautical Radio
PD400014	Products	Digital & ICT	Telecommunication Equipment & Services	Radio Communication Equipment - VHF-FM Marine Radio	To supply, deliver, install, test and commission of VHF-FM Marine Radio
PD400015	Products	Digital & ICT	Telecommunication Equipment & Services	Satellite System	To supply, deliver, install, test and commission of Satellite System such as but not limited to VSAT, INMARSAT portable satellite and mobile satellite
PD400016	Products	Digital & ICT	Telecommunication Equipment & Services	Subscriber Equipment/IP Phones	To supply, deliver, install, test and commission of Subscriber Equipment/IP Phones
PD800008	Products	Digital & ICT	Telecommunication Equipment & Services	Video Conferencing System	To supply, deliver, install, test and commission of Video Conferencing System
PE100001	Products	Electrical Equipment & Services	Electrical Bulks	Cable Trays/Ladders/Conduits	-
PE100002	Products	Electrical Equipment & Services	Electrical Bulks	Earthing, Bonding & Lightning Protection Materials	-
PE100003	Products	Electrical Equipment & Services	Electrical Bulks	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
PE100004	Products	Electrical Equipment & Services	Electrical Bulks	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)
PE100005	Products	Electrical Equipment & Services	Electrical Bulks	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
PE100006	Products	Electrical Equipment & Services	Electrical Bulks	Power & Control General Cable	-
PE100007	Products	Electrical Equipment & Services	Electrical Bulks	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
PE100008	Products	Electrical Equipment & Services	Electrical Bulks	Subsea Cable	To design, assemble, supply, deliver, install, hook-up, test, commission Subsea Cable and conduct training on operation
PE200001	Products	Electrical Equipment & Services	Electrical Heating System	Heat Tracing System	-
PE200002	Products	Electrical Equipment & Services	Electrical Heating System	Process Heater	-
PE300001	Products	Electrical Equipment & Services	Generators & Transformers	Cast Resin Dry Type	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Cast Resin Dry Type Transformers
PE300002	Products	Electrical Equipment & Services	Generators & Transformers	Closed Cycle Vapour Turbogenerator (CCVT)	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Closed Cycle Vapour Turbogenerator (CCVT)
PE300003	Products	Electrical Equipment & Services	Generators & Transformers	Diesel Engine Driven Generator	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Diesel Engine Driven Generator
PE300004	Products	Electrical Equipment & Services	Generators & Transformers	Gas Engine Driven Generator	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Gas Engine Driven Generator

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PE300005	Products	Electrical Equipment & Services	Generators & Transformers	Micro Turbine Generator	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Micro Turbine Generator
PE300006	Products	Electrical Equipment & Services	Generators & Transformers	Oil Immersion Type	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Oil Immersion Type Transformers
PE300007	Products	Electrical Equipment & Services	Generators & Transformers	Portable Generator Set	-
PE400001	Products	Electrical Equipment & Services	Power Distribution & Control	Containerized Substation	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Containerized Substation
PE400002	Products	Electrical Equipment & Services	Power Distribution & Control	Electrical Busduct System	-
PE400003	Products	Electrical Equipment & Services	Power Distribution & Control	Electrical Motor	To supply and deliver Electrical Motor such as but not limited to AC and DC motor
PE400004	Products	Electrical Equipment & Services	Power Distribution & Control	Explosion Proof Distribution Boards & Enclosure	-
PE400005	Products	Electrical Equipment & Services	Power Distribution & Control	Generator Control System	-
PE400006	Products	Electrical Equipment & Services	Power Distribution & Control	High Voltage Power Fuses	-
PE400007	Products	Electrical Equipment & Services	Power Distribution & Control	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
PE400008	Products	Electrical Equipment & Services	Power Distribution & Control	High Voltage Switchboard/Switchgear/Vacuum Circuit Breaker (VCB)/Vacuum Contactor Unit (VCU)/Contactor/Busbar	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of High Voltage Switchboard/Switchgear/Vacuum Circuit Breaker (VCB)/Vacuum Contactor Unit (VCU)/Contactor/Busbar
PE400009	Products	Electrical Equipment & Services	Power Distribution & Control	Non Explosion Distribution Boards & Enclosure	-
PE400010	Products	Electrical Equipment & Services	Power Distribution & Control	Protection Relay	-
PE400011	Products	Electrical Equipment & Services	Power Distribution & Control	Telecontrol & Substation Automation System	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Telecontrol & Substation Automation System
PE400012	Products	Electrical Equipment & Services	Power Distribution & Control	Variable Speed Drives and Soft Starter	To design, supply, deliver, install, hook up, test, commission and personnel training of Variable Speed Drives and Soft Starter System
PE400013	Products	Electrical Equipment & Services	Power Distribution & Control	Ignition System	-
PE500001	Products	Electrical Equipment & Services	Power Supply System	Capacitor Banks	-
PE500002	Products	Electrical Equipment & Services	Power Supply System	Commercial UPS Static Type	-
PE500003	Products	Electrical Equipment & Services	Power Supply System	DC Charger	-
PE500004	Products	Electrical Equipment & Services	Power Supply System	Industrial UPS - Static Type	To design, assemble, supply, deliver, install, hook-up, test, commission Industrial UPS - Static Type and conduct training on operation
PE500005	Products	Electrical Equipment & Services	Power Supply System	Lead Acid Batteries	-
PE500006	Products	Electrical Equipment & Services	Power Supply System	NICAD Batteries	Nickel Cadmium
PE500007	Products	Electrical Equipment & Services	Power Supply System	Solar Power Supply	To design, assemble, supply, deliver, install, hook-up, test, commission Solar Power Supply and conduct training on operation
PE500008	Products	Electrical Equipment & Services	Power Supply System	UPS - Modular Type	To design, assemble, supply, deliver, install, hook-up, test, commission UPS Modular Type and conduct training on operation

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PF100001	Products	Process Piping	Pipe Fittings	Alloy Fitting & Flanges	To supply and deliver Alloy Fitting & Flanges including but not limited to exotic material such as titanium, hastelloy, inconel, etc.
PF100002	Products	Process Piping	Pipe Fittings	Auto drainer	-
PF100003	Products	Process Piping	Pipe Fittings	Bolting Materials (exclude OEM)	To manufacture, supply and deliver of Bolting Materials
PF100004	Products	Process Piping	Pipe Fittings	Carbon Steel, Stainless Steel & Duplex Fitting & Flanges	-
PF100005	Products	Process Piping	Pipe Fittings	Chemical Injection/Sampling quill assembly	-
PF100006	Products	Process Piping	Pipe Fittings	Corrosion access fitting/coupon holder/probe	-
PF100007	Products	Process Piping	Pipe Fittings	Cupro Nickel & Monel Fitting & Flanges	-
PF100008	Products	Process Piping	Pipe Fittings	Expansion Joint/Bellow	-
PF100009	Products	Process Piping	Pipe Fittings	Non-Metal Fittings & Flanges	-
PF100010	Products	Process Piping	Pipe Fittings	Spade, Blind & Spacer	-
PF100011	Products	Process Piping	Pipe Fittings	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
PF100012	Products	Process Piping	Pipe Fittings	Specialized Gasket	To supply and deliver Specialized Gasket to connect dissimilar flanges, to carry out in-situ pressure test, etc.
PF100013	Products	Process Piping	Pipe Fittings	Standard Gaskets	To manufacture, supply and deliver of Standard Gaskets
PF100014	Products	Process Piping	Pipe Fittings	Steam Traps	-
PF100015	Products	Process Piping	Pipe Fittings	Y Strainer, Conical Strainer & Basket Strainer	-
PH100001	Products	Health, Safety, Security, & Environment	Medical Equipment	Ambulance	To design, assemble, install, test, supply, deliver, commission ambulance and conduct training on operation
PH100002	Products	Health, Safety, Security, & Environment	Medical Equipment	Other Medical Equipment	To supply and deliver Medical Supplies and Medical Equipment.
PH200001	Products	Health, Safety, Security, & Environment	Monitoring & Detection Systems and Maintenance	Continuous Emission Monitoring System	To design, supply, deliver, install, calibrate and commission continuous emission monitoring system (i.e. DOE Continuous Emission Monitoring System)
PH200002	Products	Health, Safety, Security, & Environment	Monitoring & Detection Systems and Maintenance	Fire Monitoring System	To design, supply, deliver, install, calibrate and commission Fire Monitoring System (i.e. Bomba Computerized Monitoring System)
PH200003	Products	Health, Safety, Security, & Environment	Monitoring & Detection Systems and Maintenance	Pipeline Leak Detection System (PLDS)	-
PH200004	Products	Health, Safety, Security, & Environment	Monitoring & Detection Systems and Maintenance	Portable Sampling & Monitoring System - Environment Quality Monitoring	To design, supply, deliver, install, calibrate and commission Environment Quality Monitoring such as but not limited to Air Sampler and Analyzer
PH200005	Products	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

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PH200006	Products	Health, Safety, Security, & Environment	Monitoring & Detection Systems and Maintenance	Portable Sampling & Monitoring System - Portable Gas Detector	To design, supply, deliver, install, calibrate and commission Portable Gas Detector such as but not limited to multi gas meter and Lower Explosive Limit (LEL) meter
PH300001	Products	Health, Safety, Security, & Environment	Protection Equipment	A60/AO Windows	-
PH300002	Products	Health, Safety, Security, & Environment	Protection Equipment	Eye Wash Station & Shower	-
PH300003	Products	Health, Safety, Security, & Environment	Protection Equipment	Fire Resistant Doors	To design, supply, deliver and install Fire Resistant Doors
PH300004	Products	Health, Safety, Security, & Environment	Protection Equipment	Helicopter Crash Rescue Equipment	-
PH300005	Products	Health, Safety, Security, & Environment	Protection Equipment	Module Cladding Firewalls & Decking	-
PH300006	Products	Health, Safety, Security, & Environment	Protection Equipment	Personnel Protection Equipment	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.)
PH300007	Products	Health, Safety, Security, & Environment	Protection Equipment	Rocket Line Throwing Apparatus	-
PH300008	Products	Health, Safety, Security, & Environment	Protection Equipment	Self Contained Breathing Apparatus	-
PH400001	Products	Health, Safety, Security, & Environment	Remediation & Recovery Supply	Dispersant Chemical	-
PH400002	Products	Health, Safety, Security, & Environment	Remediation & Recovery Supply	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
PH500001	Products	Health, Safety, Security, & Environment	Safety/Firefighting Equipment	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
PH500002	Products	Health, Safety, Security, & Environment	Safety/Firefighting Equipment	Fire Engine/Tenders	To design, assemble, install, test, supply, deliver, commission fire engines/tenders and conduct training on operation
PH500003	Products	Health, Safety, Security, & Environment	Safety/Firefighting Equipment	Fire Protection System for Building	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Fire Protection System for Building
PH500004	Products	Health, Safety, Security, & Environment	Safety/Firefighting Equipment	HAZMAT Equipment & Vehicles	To design, assemble, install, test, supply, deliver, commission and conduct training on operation for Hazardous Material (HAZMAT) Equipment & Vehicles
PH500005	Products	Health, Safety, Security, & Environment	Safety/Firefighting Equipment	Other Safety/Firefighting Equipment	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.)
PH600001	Products	Health, Safety, Security, & Environment	Security Management	Security Equipment & Surveillance System	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

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PH700001	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Escape Capsule & Accessories	-
PH700002	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Escape Ropes	-
PH700003	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	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
PH700004	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Life/Work Vests	-
PH700005	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Liferaft & Accessories	-
PH700006	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Liferaft (Self-Inflating)	-
PH700007	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Life Rings & Accessories	-
PH700008	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Rescue Boat	-
PH700009	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Scramble Nets	-
PH700010	Products	Health, Safety, Security, & Environment	Survival Equipment & Materials	Survival Kits	To supply and deliver survival kits such as but not limited to sleeping bag and ration
PI100001	Products	Instrumentation & Control Equipment and Services	Control Panels	Annunciator/Master Shutdown Panel	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Annunciator/Master Shutdown Panel
PI100002	Products	Instrumentation & Control Equipment and Services	Control Panels	Instrument Control Panel	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Instrument Control Panel
PI100003	Products	Instrumentation & Control Equipment and Services	Control Panels	Wellhead Control Panel	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Wellhead Control Panel
PI100004	Products	Instrumentation & Control Equipment and Services	Controllers	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 Turbine Controller
PI100005	Products	Instrumentation & Control Equipment and Services	Controllers	Pneumatic Type Controllers	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and provide training of Pneumatic Controllers
PI100006	Products	Instrumentation & Control Equipment and Services	Controllers	Programmable Controllers	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of General PLC (non safety type)
PI100007	Products	Instrumentation & Control Equipment and Services	Convertors	Other	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of convertors such as but not limited to I/P Converter, I/H Converter, Protocol Convertor and Media Convertor
PI200001	Products	Instrumentation & Control Equipment and Services	Custody Metering	Gas Metering - Custody Transfer/Fiscal Allocation System	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Gas Metering - Custody Transfer/Fiscal Allocation System
PI200002	Products	Instrumentation & Control Equipment and Services	Custody Metering	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

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PI200003	Products	Instrumentation & Control Equipment and Services	Custody 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
PI200004	Products	Instrumentation & Control Equipment and Services	Custody Metering	Tank Gauge	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Tank Gauge
PI200005	Products	Instrumentation & Control Equipment and Services	Custody Metering	Weighing Machine Equipment	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Weighing Machine Equipment
PI200006	Products	Instrumentation & Control Equipment and Services	Custody Metering	Wet Gas Metering	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Wet Gas Metering
PI300001	Products	Instrumentation & Control Equipment and Services	Emergency Shutdown (ESD) System	Other	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
PI400001	Products	Instrumentation & Control Equipment and Services	Field Instruments	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
PI400002	Products	Instrumentation & Control Equipment and Services	Field Instruments	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
PI400003	Products	Instrumentation & Control Equipment and Services	Field 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.
PI400004	Products	Instrumentation & Control Equipment and Services	Field 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
PI400005	Products	Instrumentation & Control Equipment and Services	Field Instruments	Machine Monitoring Sensors	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Machine Monitoring Sensors
PI400006	Products	Instrumentation & Control Equipment and Services	Field Instruments	Monitoring Equipment - Electronic Counter	-
PI400007	Products	Instrumentation & Control Equipment and Services	Field Instruments	Monitoring Equipment - Sand Probe	-
PI400008	Products	Instrumentation & Control Equipment and Services	Field 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

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PI400009	Products	Instrumentation & Control Equipment and Services	Field 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)
PI400010	Products	Instrumentation & Control Equipment and Services	Field Instruments	Weighing & Measuring Metering & Sales System - Multiphase Metering	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission and training of Multiphase Metering
PI500001	Products	Instrumentation & Control Equipment and Services	General Instrument Accessories	Fittings & Tubings	To supply and deliver Instrument Fittings & Tubings
PI500002	Products	Instrumentation & Control Equipment and Services	General 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
PI600001	Products	Instrumentation & Control Equipment and Services	Instrumentation Cables	Other	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
PI700001	Products	Instrumentation & Control Equipment and Services	Machinery Condition Monitoring System	Other	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
PI800001	Products	Instrumentation & Control Equipment and Services	Process Control & Monitoring System	Distributed Control System (DCS)	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Distributed Control System (DCS)
PI800002	Products	Instrumentation & Control Equipment and Services	Process Control & Monitoring System	SCADA System/Telemetry	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of SCADA System/Telemetry
PI900001	Products	Instrumentation & Control Equipment and Services	Quality Measuring Instrument	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
PI900002	Products	Instrumentation & Control Equipment and Services	Quality Measuring Instrument	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
PI110001	Products	Instrumentation & Control Equipment and Services	Sampling System	Other	To design, engineer, procure, assemble, supply, deliver, install, hook up, test, commission Sampling System for metering and manual sampling including multiphase sampler
PJ100001	Products	General Equipment	Automotive Equipment	Bogie, Wagon & Accessories	-
PJ100002	Products	General Equipment	Automotive Equipment	Heavy Vehicle	-
PJ100003	Products	General Equipment	Automotive Equipment	Locomotive	-
PJ200001	Products	General Equipment	Gas Cylinder	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
PJ300001	Products	General Equipment	Heating, Ventilation & Air Conditioning (HVAC) Equipment & Spares	Other	To design, supply, deliver, install, test, commission and conduct training on HVAC Equipment & Spares such as but not limited to HVAC system, fans, air handling units, chillers, condenser units, fan coils, filters and fire dampers
PJ400001	Products	General Equipment	Hoses	Chemical Transfer	To supply and deliver hoses for chemical transfer complete with couplings
PJ400002	Products	General Equipment	Hoses	Couplings	-
PJ400003	Products	General Equipment	Hoses	Flexible Drainpipes	-

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PJ400004	Products	General Equipment	Hoses	General Purpose (excluding OEM Hoses)	To supply and deliver hoses for general purpose (excluding OEM hoses) complete with couplings
PJ400005	Products	General Equipment	Hoses	Petroleum Product Transfer	-
PJ500001	Products	General Equipment	Insulation Materials	Other	To supply and deliver insulation materials for hot, acoustic, cold and fire insulation works including personnel protection
PJ600001	Products	General Equipment	Mechanical Operation Systems	Bulk Material Handling System & Components	-
PJ700001	Products	General Equipment	Mechanical Operation Systems	Chemical Injection Skid	-
PJ700002	Products	General Equipment	Mechanical Operation Systems	Dehydration System - Air & Glycol	-
PJ700003	Products	General Equipment	Mechanical Operation Systems	Flare Stack System & Accessories	-
PJ700004	Products	General Equipment	Mechanical Operation Systems	Hydraulic Power Unit/Power Pack	-
PJ700005	Products	General Equipment	Mechanical Operation Systems	Jet Fuel System	-
PJ700006	Products	General Equipment	Mechanical Operation Systems	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.
PJ700007	Products	General Equipment	Mechanical Operation Systems	Vent System	-
PJ800001	Products	General Equipment	Motor Vehicle Accessories	Air-Conditioner	-
PJ800002	Products	General Equipment	Motor Vehicle Accessories	Auto Accessories	-
PJ800003	Products	General Equipment	Motor Vehicle Accessories	Motor Vehicle Spare Parts	-
PJ800004	Products	General Equipment	Motor Vehicle Accessories	Test Equipment & Instrumentation	-
PJ800005	Products	General Equipment	Motor Vehicle Accessories	Tyre & Parts	-
PJ900001	Products	General Equipment	Prime Mover	Aviation Vehicle	To supply and deliver Aviation Vehicle such as but not limited to bowser, dispenser & flushing vehicle
PJ900002	Products	General Equipment	Prime Mover	Motor Vehicle	To supply and deliver Motor Vehicle such as but not limited to passenger car, motorcycle and pickup truck
PJ900003	Products	General Equipment	Prime Mover	Other Prime Mover	-
PJ900004	Products	General Equipment	Prime Mover	Overhead Crane	-
PJ900005	Products	General Equipment	Prime Mover	Trailer	-
PJ110001	Products	General Equipment	Service Station Equipment	Fuel Dispenser & Accessories Equipment	To supply, deliver, install, test and commission service station fuel dispenser & accessories such as but not limited to nozzle, hose, visi gauge, breakaway coupling, swivel joint, submersible turbine pump, leak detector, automatic tank gauging, outdoor payment terminal, digital screen display, lighting surge protector, pump controller and shear valves

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PJ110002	Products	General Equipment	Service Station Equipment	NGV Refuelling Facilities - Piping, Compressor & Dispensers	To supply and deliver NGV Refuelling Facilities such as but not limited to Piping, NGV Compressor (e.g. storage cascade, priority panel, control panel, tubing, etc.), NGV Dispensers (e.g. hose, nozzle, valve, mass flow meter, etc.) and NGV Conversion
PJ110003	Products	General Equipment	Service Station Equipment	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.
PJ110004	Products	General Equipment	Service Station Equipment	Underground Flexible Fuel Piping System	To supply, deliver, install, test and commission underground flexible fuel piping system and accessories such as but not limited to tank sump and cover, manhole cover and lifting handle, monitoring test well and dispenser sump
PJ110005	Products	General Equipment	Service Station Equipment	Underground Storage Tank & Accessories	To supply, deliver, install, test and commission underground storage tank and accessories such as but not limited to float vent valve, manhole cover, dipping pipe, filling pipe, monitoring test well and vacuum gauge
PJ120001	Products	General Equipment	Spare Parts	Aviation Filters (Jet A1 & Avgas)	To supply and deliver aviation filters such as but not limited to microfilter, coalescer, separator, clay filter and filter monitor
PJ120002	Products	General Equipment	Spare Parts	Bearings	To supply and deliver Bearings excluding customized design bearing
PJ120003	Products	General Equipment	Spare Parts	Belts & Chains	-
PJ120004	Products	General Equipment	Spare Parts	Spare Parts - Couplings	-
PJ120005	Products	General Equipment	Spare Parts	Electrodes	-
PJ120006	Products	General Equipment	Spare Parts	Fluid/Turbo Coupling	To supply and deliver Fluid/Turbo Coupling component and parts
PJ120007	Products	General Equipment	Spare Parts	Gearbox & Gears	-
PJ120008	Products	General Equipment	Spare Parts	Hydraulic Circuit Filters	-
PJ120009	Products	General Equipment	Spare Parts	Pigging Accessories	To supply and deliver Pigging Accessories such as but not limited to PIG (e.g. foam, BI-DI, cup, spears, scrappers, brushes, etc.), End Closures, PIG Signallers and Scraper Launcher and Receiver
PJ120010	Products	General Equipment	Spare Parts	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
PJ120011	Products	General Equipment	Spare Parts	Pulleys, Sheaves & Sprocket	-
PJ120012	Products	General Equipment	Spare Parts	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
PJ130001	Products	General Equipment	Workshop Tools & 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
PJ130002	Products	General Equipment	Workshop Tools & Equipment	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)
PJ130003	Products	General Equipment	Workshop Tools & Equipment	Electric Hand Tools & Equipment	To supply and deliver of 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

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Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PJ130004	Products	General Equipment	Workshop Tools & Equipment	Hydraulic Jacking, Tensioning & Torqueing Equipment	To supply and deliver Hydraulic Jacking, Tensioning & Torqueing Equipment such as but not limited to bolt tensioning and torqueing, flange spreader, nut splitter, hydraulic jack and garage jack
PJ130005	Products	General Equipment	Workshop Tools & Equipment	Hydraulic Press	-
PJ130006	Products	General Equipment	Workshop Tools & Equipment	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
PJ130007	Products	General Equipment	Workshop Tools & Equipment	Pneumatic Tools & Air Compressors	To supply and deliver Pneumatic Tools & Air Compressors such as but not limited to 30 HP Air Compressor
PJ130008	Products	General Equipment	Workshop Tools & Equipment	Welding Equipment	-
PK100001	Products	Engineering	Fabrication & Construction	Marine Systems - Deepwater - Anchor, Buoys, Mooring Line & Single Point Mooring	To supply and design Deepwater Anchoring System, Deepwater Buoys System and Deepwater Mooring Line such as but not limited to wire rope, chain, polyester rope, connectors, fairlead, mooring jack & single point mooring/turret
PK100002	Products	Engineering	Fabrication & Construction	Marine Systems - Single Point Mooring System - Buoy, Hose System & Mooring Systems	To design, manufacture, supply, install, and test Buoy, Hose System & Mooring Systems at marine structure
PK100003	Products	Engineering	Fabrication & Construction	Subsea Systems & Umbilical	To design, manufacture, assemble, test, supply, deliver, install, hookup, commissioning of Subsea Systems & Umbilical such as but not limited to Subsea Production Control System (SPCS), Subsea Structure, Foundation, Piping & Connection System (e.g. manifold, PLET, PLEM, SLED, rigid jumper), Subsea Boosting & Separation System, Subsea Metering (single or multi-phase) Subsea Production Control Umbilical (steel tube and/or thermoplastic hose and/or power/communication) for static & dynamic services, umbilical accessories & proprietary items.
PL100001	Products	Logistics	Marine	Fuel/ Oil	-
PL100002	Products	Logistics	Marine	Marine Accessories	To supply and deliver marine accessories products such as but not limited to shackles, timble, clips, mooring ropes, fibre ropes, chains, camlock and anchor
PL100003	Products	Logistics	Marine	Vessel Tracking & Monitoring System	-
PM100001	Products	Mechanical Equipment & Services	Contamination Removal Unit	CO2 Removal System	To supply and deliver CO2 Removal System such as but not limited to Membrane System and Amine System
PM100002	Products	Mechanical Equipment & Services	Contamination Removal Unit	Desander	-
PM100003	Products	Mechanical Equipment & Services	Contamination Removal Unit	Mercury Removal Unit	-
PM200001	Products	Mechanical Equipment & Services	Fluid Transfer Equipment	Gantry Loading Arm	-
PM200002	Products	Mechanical Equipment & Services	Fluid Transfer Equipment	Marine Loading Arm	-
PM300001	Products	Mechanical Equipment & Services	Heat Process Equipment	Air Cooled Heat Exchanger	To design, fabricate, assemble, inspect, test, supply and deliver to site and provide commissioning support on air cooled heat exchanger
PM300002	Products	Mechanical Equipment & Services	Heat Process Equipment	Boiler Tubes	-
PM300003	Products	Mechanical Equipment & Services	Heat Process Equipment	Boilers	To design, supply, fabricate, inspect, test, deliver and provide commissioning support on boilers
PM300004	Products	Mechanical Equipment & Services	Heat Process Equipment	Burners	To design, supply, fabricate, inspect, test, deliver and provide commissioning support on Burners
PM300005	Products	Mechanical Equipment & Services	Heat Process Equipment	Cooling Tower	To design, fabricate, assemble, inspect, test, supply and deliver to site and provide commissioning support on Cooling Tower

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PM300006	Products	Mechanical Equipment & Services	Heat Process Equipment	Double Pipe/Fintube	To design, fabricate, assemble, inspect, test, supply and deliver to site double pipe/fintube
PM300007	Products	Mechanical Equipment & Services	Heat Process Equipment	Fired Heaters	To design, supply, fabricate, inspect, test, deliver and provide commissioning support on fired heater
PM300008	Products	Mechanical Equipment & Services	Heat Process Equipment	Furnaces	To design, supply, fabricate, inspect, test, deliver and provide commissioning support on Furnaces
PM300009	Products	Mechanical Equipment & Services	Heat Process Equipment	Hampson coil/Braized Aluminium Plate Fin	To design, fabricate, assemble, inspect, test, supply and deliver to site Hampson Coil/Braized Aluminium Plate
PM300010	Products	Mechanical Equipment & Services	Heat Process Equipment	Incinerators	To design, supply, fabricate, inspect, test, deliver and provide commissioning support on Incinerators
PM300011	Products	Mechanical Equipment & Services	Heat Process Equipment	Plate Heat Exchanger	To design, fabricate, assemble, inspect, test, supply and deliver to site and provide commissioning support on Plate Heat Exchanger
PM300012	Products	Mechanical Equipment & Services	Heat Process Equipment	Printed Circuit Heat Exchanger	To design, fabricate, assemble, inspect, test, supply and deliver to site and provide commissioning support on Printed Circuit Heat Exchanger
PM300013	Products	Mechanical Equipment & Services	Heat Process Equipment	Refractory	-
PM300014	Products	Mechanical Equipment & Services	Heat Process Equipment	Shell & Tube Heat Exchanger	To design, fabricate, assemble, inspect, test, supply and deliver to site shell & tube heat exchanger
PM300015	Products	Mechanical Equipment & Services	Heat Process Equipment	Transfer Line Exchanger	To design, fabricate, assemble, inspect, test, supply and deliver to site and provide commissioning support on transfer line exchanger
PM400001	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Air Hoist	-
PM400002	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Chain Block/Trolley (monorail hoist)	-
PM400003	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Electrical Hoists	-
PM400004	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Forklift	To design, fabricate, test, supply and deliver Forklift and its associated accessories/attachment such as but not limited to forks and side shifter
PM400005	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Hand Winch	-
PM400006	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Hydraulic Floor Crane	-
PM400007	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Lifting & Rigging Equipment & Accessories	To supply and deliver Lifting & Rigging Equipment & Accessories such as but not limited to Crawler
PM400008	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Manlift - Mobile & Stationary	To supply and deliver Manlift - Mobile & Stationary
PM400009	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Offshore Portable Crane	-
PM400010	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Overhead Travelling/Gantry	-
PM400011	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Pedestal Crane	To design, assemble, supply, deliver, install, hook up, test, commission pedestal crane and conduct training on operation
PM400012	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Pillar Jib Crane	-
PM400013	Products	Mechanical Equipment & Services	Hoisting & Lifting Equipment	Telescopic Boom	-
PM500001	Products	Mechanical Equipment & Services	Rotating Equipment	Blower & Fan	-
PM500002	Products	Mechanical Equipment & Services	Rotating Equipment	Centrifugal Pump - Fire Water Pump	To design, assemble, supply, deliver, install, hook up, test and commission Fire Water Pump
PM500003	Products	Mechanical Equipment & Services	Rotating Equipment	Centrifugal Pump - Horizontal API 610 Pump	To design, assemble, supply, deliver, install, hook up, test and commission Horizontal API 610 Pump

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PM500004	Products	Mechanical Equipment & Services	Rotating Equipment	Centrifugal Pump - Horizontal Non API 610 Pump	To design, assemble, supply, deliver, install, hook up, test and commission Horizontal Non API Pump
PM500005	Products	Mechanical Equipment & Services	Rotating Equipment	Centrifugal Pump - Submersible Pump	To design, assemble, supply, deliver, install, hook up, test and commission Submersible Pump
PM500006	Products	Mechanical Equipment & Services	Rotating Equipment	Centrifugal Pump - Vertical API 610 Pump	To design, assemble, supply, deliver, install, hook up, test and commission Vertical API 610 Pump
PM500007	Products	Mechanical Equipment & Services	Rotating Equipment	Centrifugal Pump - Vertical Non API 610 Pump	To design, assemble, supply, deliver, install, hook up, test and commission Vertical Non API Pump
PM500008	Products	Mechanical Equipment & Services	Rotating Equipment	Compressors - Air Compressor	To design, assemble, supply, deliver, install, hook up, test and commission Air Compressor
PM500009	Products	Mechanical Equipment & Services	Rotating Equipment	Compressors - Centrifugal Compressor	To design, assemble, supply, deliver, install, hook up, test and commission Centrifugal Compressor
PM500010	Products	Mechanical Equipment & Services	Rotating Equipment	Compressors - Reciprocating Compressor	To design, assemble, supply, deliver, install, hook up, test and commission Reciprocating Compressor
PM500011	Products	Mechanical Equipment & Services	Rotating Equipment	Compressors - Rotary/Screw Compressor	To design, assemble, supply, deliver, install, hook up, test and commission Rotary/Screw Compressor
PM500012	Products	Mechanical Equipment & Services	Rotating Equipment	Diesel Engine	To design, assemble, supply, deliver, install, hook up, test and commission Diesel Engine
PM500013	Products	Mechanical Equipment & Services	Rotating Equipment	Dry Gas Seal	To supply and deliver dry gas seal
PM500014	Products	Mechanical Equipment & Services	Rotating Equipment	Gas Engine	To design, assemble, supply, deliver, install, hook up, test and commission Gas Engine
PM500015	Products	Mechanical Equipment & Services	Rotating Equipment	Gas Turbine	To design, assemble, supply, deliver, install, hook up, test and commission Gas Turbine
PM500016	Products	Mechanical Equipment & Services	Rotating Equipment	Mechanical Seal for Pump	To supply and deliver mechanical seal for pump
PM500017	Products	Mechanical Equipment & Services	Rotating Equipment	Packings & Other Sealing	To supply and deliver Packings & Other Sealing for rotating equipment such as but not limited to O Ring , labyrinth seal and improseal
PM500018	Products	Mechanical Equipment & Services	Rotating Equipment	Reciprocating Pumps - Horizontal, Electric Motor Driven	-
PM500019	Products	Mechanical Equipment & Services	Rotating Equipment	Reciprocating Pumps - Vertical, Electric Motor Driven	-
PM500020	Products	Mechanical Equipment & Services	Rotating Equipment	Rotary Pumps	To supply and deliver Rotary Pumps such as but not limited to Positive Displacement Screw, Gear, Lobe, Single Helical and Sliding Vane
PM500021	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Chemical Injection Pump	-
PM500022	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Commercial Dispenser Pump (for Commercial Skid Tank)	To supply, install, test, calibrate and deliver of commercial dispenser pump
PM500023	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Controlled Volume	-
PM500024	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Cryogenic Pump	To supply and deliver Cryogenic Pump
PM500025	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Diaphragm	-

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PM500026	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - High Pressure Steam Cleaner	-
PM500027	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - High Pressure Water Pump	-
PM500028	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - High Speed	To design, assemble, supply, deliver, install, hook up, test and commission High Speed Pump
PM500029	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Multiphase	To design, assemble, supply, deliver, install, hook up, test and commission Multiphase Pump
PM500030	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Pumps, Sliding Vane & Liquid Ring Type	-
PM500031	Products	Mechanical Equipment & Services	Rotating Equipment	Special Purpose Pumps - Vacuum Pump	-
PM500032	Products	Mechanical Equipment & Services	Rotating Equipment	Steam Turbine	To design, assemble, supply, deliver, install, hook up, test and commission Steam Turbine
PM500033	Products	Mechanical Equipment & Services	Rotating Equipment	Turbo Expander	To design, assemble, supply, deliver, install, hook up, test and commission Turbo Expander
PM500034	Products	Mechanical Equipment & Services	Rotating Equipment	Wet Seal for Compressor/Expander	To supply and deliver wet seal for compressor/expander
PM500035	Products	Mechanical Equipment & Services	Rotating Equipment	Other Rotating Equipment	-
PM600001	Products	Mechanical Equipment & Services	Static Equipment	CNG Conversion	-
PM600002	Products	Mechanical Equipment & Services	Static Equipment	Coalescer	To design, supply, fabricate, inspect, test and deliver Coalescer for Unfired Pressure Vessel Class I (<32 mm wall thickness), Class II (32-50 mm wall thickness) and Class III (>50 mm wall thickness)
PM600003	Products	Mechanical Equipment & Services	Static Equipment	Contactors Trays	-
PM600004	Products	Mechanical Equipment & Services	Static Equipment	Corrugated Plate Interceptor (CPI)	-
PM600005	Products	Mechanical Equipment & Services	Static Equipment	Inlet Vanes	-
PM600006	Products	Mechanical Equipment & Services	Static Equipment	Localised High Pressure Testing	-
PM600007	Products	Mechanical Equipment & Services	Static Equipment	Mist Eliminator & Mist Extractors	-
PM600008	Products	Mechanical Equipment & Services	Static Equipment	Other Static Equipment	To design, supply, fabricate, inspect, test and deliver such Other Static Equipment such as but not limited to Spheres for Unfired Pressure Vessel Class I (<32 mm wall thickness) and Class II (32-50 mm wall thickness), Aviation Filter Vessel (Jet A1 & Avgas) Parts e.g. side glass, slug valve, air eliminator, etc. for Unfired Pressure Vessel Class I (<32 mm wall thickness) and other static equipment
PM600009	Products	Mechanical Equipment & Services	Static Equipment	Pressure Vessel	To design, supply, fabricate, inspect, test and deliver of Unfired Pressure Vessel Class I (<32 mm wall thickness), Class II (32-50 mm wall thickness) and III (>50 mm wall thickness)
PM600010	Products	Mechanical Equipment & Services	Static Equipment	Strainer	To design, supply, fabricate, inspect, test and deliver Strainer for Unfired Pressure Vessel Class I (<32 mm wall thickness), Class II (32-50 mm wall thickness) and Class III (>50 mm wall thickness)

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PM600011	Products	Mechanical Equipment & Services	Static Equipment	Towers	To design, supply, fabricate, inspect, test and deliver of Towers for Unfired Pressure Vessel Class I (<32 mm wall thickness), Class II (32-50 mm wall thickness) and Class III (>50 mm wall thickness).
PM700001	Products	Mechanical Equipment & Services	Storage Tanks	Commercial Skid Tank	-
PM700002	Products	Mechanical Equipment & Services	Storage Tanks	Other Atmospheric Tanks	To supply and deliver Atmospheric Tanks (other than Transportable Tanks and Vertical Cylindrical Tanks - Welded) such as but not limited to bolted tanks and fibreglass tanks
PM700003	Products	Mechanical Equipment & Services	Storage Tanks	Transportable Tanks	-
PM700004	Products	Mechanical Equipment & Services	Storage Tanks	Vertical Cylindrical Tanks (Welded)	-
PM800001	Products	Mechanical Equipment & Services	Waste Heat Recovery Unit	Fired	-
PM800002	Products	Mechanical Equipment & Services	Waste Heat Recovery Unit	Unfired	-
PM900001	Products	Mechanical Equipment & Services	Water Treatment Equipment	Catridge Filter	-
PM900002	Products	Mechanical Equipment & Services	Water Treatment Equipment	Electro De- ionization (EDI)	To design, supply, fabricate, deliver, install, testing and commissioning of Electro De-ionization (EDI)
PM900003	Products	Mechanical Equipment & Services	Water Treatment Equipment	Fresh Water Reverse Osmosis	To design, supply, fabricate, deliver, install, testing and commissioning of Reverse Osmosis
PM900004	Products	Mechanical Equipment & Services	Water Treatment Equipment	Micro/Ultra/Nano Filter	To design, supply, fabricate, deliver, install, testing and commissioning of Micro/Ultra/Nano Filter
PM900005	Products	Mechanical Equipment & Services	Water Treatment Equipment	Waste Water Treatment Equipment	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)
PM900006	Products	Mechanical Equipment & Services	Water Treatment Equipment	Water Maker/Desalination - Distillation Unit, Reverse Osmosis, Vapour Compression	-
PN100001	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials - Anti-slip	-
PN100002	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials - Concrete & Reinforcement Material	-
PN100003	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials - Corrosion/Insulation Coating Material	-
PN100004	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials- Erosion Lining	-
PN100005	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials - Gritblasting- Abrasive Material	-
PN100006	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials - Gritblasting - Blasting Equipment & Accessories	-

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PN100007	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Coating Materials - Linepipe Mechanical Protection Material	-
PN200001	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Corrosion Protection Materials - Cathodic Protection (CP) - Impressed Current Cathodic Protection & Isolating Joint & Sacrificial Anode 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 To supply and deliver Cathodic Protection (CP) - Sacrificial Anode Cathodic Protection including but not limited to cadwelds, anode and CP test post
PN200002	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Corrosion Protection Materials - Corrosion Monitoring Equipment	To supply and deliver Corrosion Monitoring Equipment such as but not limited to electrical resistance probe, corrosion coupon, field signature method (FSM) and Electrochemical Frequency Modulation (EFM)
PN200003	Products	Material Corrosion Equipment & Services and Inspection	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
PN200004	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Corrosion Protection Materials - Insulating Flange	-
PN200005	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Corrosion Protection Materials - Specialized Corrosion Protection Products	To supply and deliver Specialized Corrosion Protection Products such as but not limited to Bolt & Nut Protective Cap, Flange Protection, I-Rods & N-Bolts and composite repair
PN300001	Products	Material Corrosion Equipment & Services and Inspection	Material Corrosion Equipment	Inspection & Testing Equipment & Tools	To supply and deliver Inspection & Testing Equipment & Tools such as but not limited to UT machine and Thermography
PS100001	Products	Structural	Structural Aluminium	Other	To design, fabricate, supply, deliver and install structural aluminium
PS100002	Products	Structural	Structural Steel	Beams & Columns	-
PS100003	Products	Structural	Structural Steel	Plates	-
PS100004	Products	Structural	Structural Steel	Tubular - Rods & Bars	-
PS100005	Products	Structural	Structural Steel	Tubular - Seamless	-
PS100006	Products	Structural	Structural Steel	Tubular - Welded	-
PT100001	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Alloy Steel Seamless Pipes	To supply and deliver Alloy Steel Seamless Pipes including but not limited to exotic materials such as titanium, Hastelloy and inconel
PT100002	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Alloy Steel Welded Pipes	To supply and deliver Alloy Steel Welded Pipes
PT100003	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Bends	To supply and deliver hot/induction bend
PT100004	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Carbon Steel Seamless Pipes	To supply and deliver carbon steel seamless pipes
PT100005	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Carbon Steel - Electric Resistance Welded (ERW) Pipes & Longitudinal Submerged Arc Welded (LSAW) & Spiral Submerged Arc Welded (SSAW) Pipes	To supply and deliver carbon steel ERW & LSAW & SSAW pipes
PT100006	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Other Carbon Steel Welded Pipes	To supply and deliver carbon steel welded pipes excluding ERW, LSAW & SSAW
PT100007	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Corrosion Resistance Alloy (CRA) Clad	To supply and deliver Corrosion Resistance Alloy (CRA) Clad such as but not limited to Metallurgical and Mechanical

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PT100008	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Cupro Nickle Seamless & Welded Pipes	To supply and deliver cupro nickle seamless & welded pipes
PT100009	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Duplex Stainless Steel Seamless Pipes	To supply and deliver duplex stainless steel seamless pipes
PT100010	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Duplex Stainless Steel - Electric Resistance Welded (ERW) Pipes & Longitudinal Submerged Arc Welded (LSAW) Pipes & Spiral Submerged Arc Welded (SSAW) Pipes	To supply and deliver duplex stainless steel ERW & LSAW & SSAW pipes
PT100011	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Other Duplex Stainless Steel Welded Pipes	To supply and deliver duplex stainless steel welded pipes excluding ERW, LSAW & SSAW
PT100012	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Monel Seamless Pipes	To supply and deliver monel seamless pipes
PT100013	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Monel Welded Pipes	To supply and deliver monel welded pipes
PT100014	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Non Metallic Pipes	To supply and deliver Non Metallic Pipes such as but not limited to Thermoplastic Pipes, Glass Fiber Reinforced Pipes (GFRP), Reinforced Thermoplastic Pipes (RTP), Flexible Fiber Reinforced Pipe (FFRP) and HDPE, ABS, PVC, PP
PT100015	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Stainless Steel Seamless Pipes	To supply and deliver stainless steel seamless pipes
PT100016	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Stainless Steel - Electric Resistance Welded (ERW) Pipes & Longitudinal Submerged Arc Welded (LSAW) Pipes & Spiral Submerged Arc Welded (SSAW) Pipes	To supply and deliver stainless steel welded ERW & LSAW & SSAW pipes
PT100017	Products	Oil Country Tubular Goods (OCTG)	Line Pipes	Other Stainless Steel Welded Pipes	To supply and deliver stainless steel welded pipes excluding ERW, LSAW & SSAW
PT200001	Products	Oil Country Tubular Goods (OCTG)	Offshore - Pipeline	Flexible Flowline	To supply and deliver flexible pipeline/riser/flowline, ancillaries and spare parts, proprietary items, qualified personnels, repair and refurbishment equipment including provision of engineering and repair services
PT200002	Products	Oil Country Tubular Goods (OCTG)	Offshore - Pipeline	Riser	To supply and deliver top tension riser system/hybrid riser system/riser components but not limited to flex joint, stress joint, bouyancy system, connectors, fairings/strake and spare parts, proprietary items, qualified personnels, repair and refurbishment equipment including provision of engineering and repair services
PT300001	Products	Oil Country Tubular Goods (OCTG)	Oil Country Tubular Goods (OCTG)	Casing & Accessories	To supply and deliver OCTG casing & accessories i.e Standard/Premium/Special (GRE)
PT300002	Products	Oil Country Tubular Goods (OCTG)	Oil Country Tubular Goods (OCTG)	Conductor/Connector	To supply and deliver OCTG Conductor/Connector i.e Standard/Premium/Special (GRE)
PT300003	Products	Oil Country Tubular Goods (OCTG)	Oil Country Tubular Goods (OCTG)	Tubing & Accessories	To supply and deliver OCTG Tubing & Accessories i.e. Standard/Premium/Special (GRE)
PT300004	Products	Oil Country Tubular Goods (OCTG)	Oil Country Tubular Goods (OCTG)	Tubular Thread Protectors	To supply and deliver Tubular Thread Protectors i.e. Standard/Premium/Special (GRE)

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PU100001	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Auxiliary Cementing & Accessories - Centralizer & Accessories	-
PU100002	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Auxiliary Cementing & Accessories - float Equipment & Accessories	-
PU100003	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Completion/Intervention Equipment - Gaslift Valve & Side Pocket Mandrel	-
PU100004	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Completion/Intervention Equipment - Protector for Control Line & Cables	-
PU100005	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Drill Bits & Accessories	To design, supply and deliver Drill Bits & Accessories such as but not limited to Core bits, rock bits, PDC bits and accessories
PU100006	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Subsea Wellhead/Christmas Tree	To design, manufacture, test, assemble, supply, deliver, install, hookup and commission of Subsea Wellhead and Christmas Tree, Installation & Workover Control System (IWOCS), wellhead equipment, running tools, consumables and spare parts, proprietary items, qualified personnel, repair and refurbishment equipment, conduct training on installation and operation, including provision of engineering and repair services.
PU100007	Products	Wells	Drilling/Completion/Intervention/Workover/Abandonment	Surface Wellhead/Christmas Tree	To design, assemble, supply, deliver, install, test surface wellhead and Christmas Tree and conduct training on operation
PV100001	Products	Valves	Actuator 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
PV100002	Products	Valves	Actuator Valves	Control Valves	To design, engineer, assemble, supply, deliver, install, hook up, test, commission and training of Control Valves
PV100003	Products	Valves	Actuator Valves	Hydraulic Type	To design, engineer, assemble, supply, deliver, install, hook up and test Hydraulic Type Actuator
PV100004	Products	Valves	Actuator Valves	Instrument Valves & Manifolds	To design, engineer, assemble, supply, deliver, install, hook up and test Instrument Valves and Manifolds
PV100005	Products	Valves	Actuator Valves	LPG Compact Valve	To supply and deliver LPG Compact Valve
PV100006	Products	Valves	Actuator Valves	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
PV100007	Products	Valves	Actuator Valves	Pneumatic Type Actuator Valves	To design, engineer, assemble, supply, deliver, install, hook up and test Pneumatic Type Actuator Valves
PV100008	Products	Valves	Actuator Valves	Solenoid	To design, assemble, supply, deliver, install, hook up, test, commission and personnel training of Electric Actuator of Solenoid system
PV100009	Products	Valves	Actuator Valves	Solenoid Valves	To design, engineer, assemble, supply, deliver, install, hook up, test, commission of Solenoid Valves
PV100010	Products	Valves	Actuator Valves	Thermostatic Valves	To design, engineer, assemble, supply, deliver, install, hook up, test, commission of Thermostatic Valves

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PV100011	Products	Valves	Actuator Valves	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).
PV200001	Products	Valves	Mechanical 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)
PV200002	Products	Valves	Mechanical Valves	Butterfly Valves	To supply and deliver Butterfly Valves such as but not limited to Concentric, Double Offset and Triple Offset
PV200003	Products	Valves	Mechanical Valves	Check Valves	To supply and deliver Check Valves such as but not limited to Swing Type, Dual Plate, Non-Slam & Piston/Ball Type
PV200004	Products	Valves	Mechanical Valves	Choke Valves	-
PV200005	Products	Valves	Mechanical Valves	Diaphragm Valves	-
PV200006	Products	Valves	Mechanical Valves	Gate Valves	To supply and deliver Gate Valves
PV200007	Products	Valves	Mechanical Valves	Gate Valves - Through Conduit (Slab & Expandable Type)	-
PV200008	Products	Valves	Mechanical Valves	Globe Valves	To supply and deliver Globe Valves
PV200009	Products	Valves	Mechanical Valves	Integral Double Block & Bleed Valve (Non- Instrument)	-
PV200010	Products	Valves	Mechanical Valves	Needle Valves (Non- Instrument)	-
PV200011	Products	Valves	Mechanical Valves	Plug Valves	-
PV200012	Products	Valves	Mechanical Valves	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
PV200013	Products	Valves	Mechanical Valves	Vacuum/Breather Valves	-
PV200014	Products	Valves	Mechanical Valves	Valves Locking/Interlocking Devices	-
PV300001	Products	Valves	Pressure Safety Valves	Other	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
PV400001	Products	Valves	Pressure Safety Devices - Rupture Discs	Other	-
PW100001	Products	Warehousing	Storage & Packing	Container	To supply and deliver Container such as but not limited to Dry Container Box, Intermediate Bulk Containers (IBC) System, Reefer Container Box and Reefer Machinery Unit.
PW100002	Products	Warehousing	Storage & Packing	Container Accessories & Parts	To design, supply, deliver and install Container Accessories & Parts such as but not limited to Security Seals (e.g. for road tankers, terminals and refineries), Lashing Gears & Container Spreaders/Lifting Equipment, DG Label & Decals (e.g. decal/signage including for road tankers and containers) and Reefer Machinery Spares
PW100003	Products	Warehousing	Storage & Packing	Drums	To design, supply and deliver New Lined Steel Drum, New Unlined Steel Drum, Plastic Drum & Recondition Steel Drum
PW100004	Products	Warehousing	Storage & Packing	Form Filled Seal & Hoods	To design, supply and deliver form filled seal & hoods (i.e. shrink hoods, stretch hoods and cover hoods)

**PETROS' LICENSE AND WORK CATEGORY (PLWC) - PRODUCTS
EFFECTIVE 01 FEBRUARY 2023**



Work Category					Description
New Code	Type of Supply	Main Category	Sub Category Level 1	Sub Category Level 2	
PW100005	Products	Warehousing	Storage & Packing	Paper/Woven Bags	To design, supply and deliver Paper Bags & Woven Bags
PW200001	Products	Warehousing	Warehouse & Supply Base Equipment and Services	Warehouse Equipment - Bar Coding System & Accessories, Cleaning Equipment & Industrial Printing Consumables	To supply and deliver Bar Coding System & Accessories such as but not limited to labelling and scanner, Warehouse Cleaning Equipment such as but not limited to scrubber machine, industrial/heavy duty vacuum and polishing vacuum Industrial Printing Consumable such as but not limited to printing ink and solvent
PW200002	Products	Warehousing	Warehouse & Supply Base Equipment and Services	Material Handling - Motorised Handpallet/Pallets/Racking	To supply and deliver Material Handling - Motorized Handpallet, Pallets such as but not limited to wooden and plastic and Racking