

CCEL Procurement Material Code

MTL Code	Material Equipment Services Description
BD-FNT-001	Desk & Chairs
CH-CHL-001	Chemicals & Catalysts
CH-CHL-002	Molecular Sieve
CH-LUB-001	Oil & Lubricants
CN-CAP-001	Cathodic Protection & Corrosion Monitoring Systems
CN-CAP-002	Cathodic Protection Material (Transformers / Rectifiers, Anodes, ...etc)
CN-CAP-003	Access Fittings (Coupons/Probes) for corrosion
CT-ECT-001	Three Layer Polypropylene Coating (3 LPP)
CT-ECT-002	Three Layer Polyethylene Coating (3 LPE)
CT-ECT-003	Fusion Bonded Epoxy (FBE)
CT-ICT-001	Fusion Bonded Epoxy (FBE)
CT-ICT-002	Phenolic Epoxy
CT-ICT-003	Epoxy Coating
CT-ICT-004	Metallurgically Bonded, Internal Cladding
EL-BBD-001	LV Busbars & Busbar Ducts
EL-CAB-001	LV Power Cables (including earthing Cables)
EL-CAB-002	MV Power Cables - (Upto 33KV)
EL-CAB-003	HV Power Cables - (Above 33KV)
EL-CAB-004	Overhead Line Equipment & Material
EL-CAB-005	Electrical Cables
EL-EGS-001	Emergency Diesel Generator Sets
EL-EGS-002	Emergency Generator Sets, Dual Fuel, Diesel and Crude
EL-EMO-001	LV Electric Motors (upto 415V)
EL-EMO-002	HV Electric Motors (3.3 to 11 KV)
EL-LDB-001	Lighting Distribution Boards for Safe Area
EL-LDB-002	Lighting Distribution Boards for Hazardous Area
EL-MSC-001	Cable Glands
EL-MSC-002	Lighting Fixtures
EL-MSC-003	Junction Boxes
EL-MSC-004	Cable Trays & Ladders
EL-MSC-005	High Mast Lighting Columns
EL-MSC-006	Earthing Material
EL-MSC-007	Motor Control Station
EL-MSC-008	Cable Lugs
EL-MSC-009	Cable Termination Kits
EL-MSC-010	Cable Jointing Kits
EL-MSC-011	Cable Markers
EL-MSC-012	PVC Conduit/ Steel Channels & Accessories
EL-MSC-013	Electrical Heat Tracing System
EL-MSC-014	Cable reducers
EL-MSC-015	Cable Adapters

EL-MSC-016	Fuse box/Compartment/Boards
EL-MSC-017	Light Fittings - Explosion proof
EL-MSC-018	Metal Cable Transit
EL-MSC-019	Plugs, switches
EL-PSS-001	Passive Shelters
EL-PSS-002	Electrical Technical Room / Building
EL-PWR-001	Power Skid
EL-SGR-001	LV Switchgears & MCC's (415V)
EL-SGR-002	MV Switchgears - AIS - upto 11KV
EL-SGR-003	EHV Switchgears - Gas Insulated (GIS) - 33KV & above.
EL-SGR-004	HV Switchgear upto 132kV
EL-SGR-005	LV Distribution Boards
EL-SKD-004	Water Injection Metering Skid
EL-SLR-001	Solar Power Systems
EL-STG-001	Generator - Steam Turbine Driven
EL-SYS-001	Intelligent Power/Motor Control Ceners & IPCS
EL-TFM-001	Distribution Transformers - 415V
EL-TFM-002	Power Transformers upto 33KV
EL-TFM-003	Power Transformers for 220kV & 132kV
EL-UPS-001	AC UPS, upto 100 KVA
EL-UPS-002	AC UPS, Above 100 KVA
EL-UPS-003	DC UPS, All Sizes
EL-UPS-004	Battery, Ni-Cad
EL-VSD-001	Variable Speed Drive System (LV & MV)
HV-HVC-001	HVAC Chillers
HV-HVC-002	HVAC - Air Handling Unit, Fan Coil Unit and Induction Unit
HV-HVC-003	HVAC - Fire Damper and Ducting Accessories
HV-HVC-004	HVAC - Control Systems
HV-HVC-005	HVAC - Humidifiers
HV-HVC-006	HVAC - Blast Protection Valves
HV-HVC-007	HVAC - Chemical Filters
HV-HVC-008	HVAC - Internal Air Filters & Bleed Fans
IN-ACT-001	Electric Actuators
IN-ACT-002	Pneumatic Actuators
IN-ACT-003	Hydraulic Actuators
IN-ACT-004	Hydro-Electric Actuators
IN-ACT-005	Actuators Control System
IN-AYZ-001	Analyzers System Package
IN-AYZ-002	Gas Chromatograph Analyzers - All Type
IN-AYZ-003	Portable Analyzers - All Types (CO, CO2, O2, PH, N2, H2S, etc...)
IN-AYZ-004	Online Analyzers - All Types (CO, CO2, O2, PH, N2, H2S, etc...)
IN-CAB-001	Instruments & Control Cables
IN-FLM-001	Ultrasonic Flow Meters
IN-FLM-002	Electromagnetic Flow Meters
IN-FLM-003	Coriolis Mass Flow Meters
IN-FLM-004	Orifice Plate Flow Meters
IN-FLM-005	Pitot Tube Type Flow Meters

IN-FLM-006	Turbine Flow Meters
IN-FLM-007	Positive Displacement Flow Meters
IN-FLM-008	Vortex Type Flow Meters
IN-FLM-009	Venturi Type Flow Meters
IN-FLM-010	Differential Pressure Flow Meters
IN-FLM-011	V-Cone Flow Meters
IN-FLM-012	Rotameters
IN-FLM-013	Multiphase (Meter/skid) Flow Meter
IN-GGS-001	Pressure & Differential Pressure Gauges
IN-GGS-002	Temperature Gauges
IN-GGS-003	Level Gauges
IN-MSC-001	Instrument Tubes
IN-MSC-002	Instrument Tube Fittings, Manifolds, Valves
IN-MSC-003	Instrument Cable Glands
IN-MSC-004	Instrument Junction Boxes
IN-MSC-005	Instrument Cable Trays & Ladders
IN-MSC-006	Instrument Cable Termination Kits
IN-MSC-007	Push-buttons, Lamps, Switches
IN-MSC-008	Pig Signallers
IN-MSC-009	Flow Switches
IN-MSC-010	Rupture Discs and Safetyhead / Buckling Pin Devices
IN-MSC-011	AIR / GAS Pressure Regulator
IN-MSC-012	Temperature Elements - (Thermocouples / RTD) alongwith Thermowells
IN-MSC-013	Sight Glass
IN-MSC-014	Interposing Relay Cabinets (IRC)
IN-MSC-015	Passive Shelter
IN-SKD-001	Metering Skid - Gases
IN-SKD-002	Metering Skid - Liquids
IN-SKD-003	Multi Selector Manifold Skid
IN-SKD-004	Water Injection Metering Skid
IN-SYS-001	Distributed Control System (DCS)
IN-SYS-002	Integrated Control System (ICS)
IN-SYS-003	Asset Management System (AMS)
IN-SYS-004	Emergency Shutdown System (ESD)
IN-SYS-005	Fire and Gas Detection System (FGS)
IN-SYS-006	Machinery Monitoring System (MMS)
IN-SYS-007	Vibration Monitoring System (VMS)
IN-SYS-008	Compressor Control System (CCS)
IN-SYS-009	Burner Management System (BMS)
IN-SYS-010	SCADA & RTU Systems
IN-SYS-011	Programmable Logic Control Systems (PLC'S)
IN-SYS-012	High Integrity Pressure Protection System (HIPPS)
IN-SYS-013	Sampling Systems
IN-SYS-014	Leak Detection Systems (All Type, ie: Fiber Optic Leak Detection Systems)
IN-SYS-015	Wellhead Control Panel
IN-TRN-001	Electronic Transmitters
IN-TRN-002	Pressure & Differential Pressure Transmitters

IN-TRN-003	Level Transmitters - Guided Wave Radar Type
IN-TRN-004	Level Transmitters - Displacer Type
IN-TRN-005	Temperature Transmitters,
IN-VAL-001	Emergency Shutdown (ESD) Valves
IN-VAL-002	Motor Operated Valves (MOV)/ Remote Operated Valves (ROV) & On/Off Valves
IN-VAL-003	Control Valves - Ball Type -
IN-VAL-004	Control Valves - Globe Type -
IN-VAL-005	Control Valves - Plug Type
IN-VAL-006	Safety Relief Valves
IN-VAL-007	Buckling Pin Relief Valve
IN-VAL-008	Self Actuated Pressure Control Valve
IN-VAL-009	Solenoid Valves
IN-VAL-010	Control Valves - Choke
IN-VAL-011	HIPPS Valves
IN-VAL-012	Vacuum Valve & Pressure Breather
MD-BLD-001	Modularised Building - Mobile / Temporary
MD-BLD-002	Modularised Building - Steel
MD-ELE-001	Modular Substations
MD-STL-001	Module - Land Transport
MD-STL-002	Module - Marine Transport
MD-STL-003	Modular Pipe Rack
ME-BLF-001	Blowers & Fans
ME-CMP-001	API 617 Process Centrifugal Compressors
ME-CMP-002	API 672 Integrally Geared Centrifugal Compressors
ME-CMP-003	API 618 Reciprocating Compressors
ME-CMP-004	Liquid Ring Type Compressors
ME-CMP-005	Screw Compressors
ME-CMP-006	Diaphragm Type Compressors
ME-CMP-007	Air Compressors
ME-CNV-001	Conveyors, Surge Hopper & Rail Car Loading System
ME-CRN-001	HOT Overhead Cranes
ME-CRN-002	EOT Overhead Cranes
ME-CRN-003	Jib Cranes
ME-FLR-001	Flare System
ME-FLR-002	Elevated Flare Tip & Accessories
ME-FLR-003	Flare Stack
ME-HTR-001	Electric Heaters
ME-HTR-002	Direct Fired Heaters / Boilers
ME-HTR-003	Indirect Fired Heaters
ME-HXR-001	Shell & Tubes Heat Exchangers
ME-HXR-002	Shell & Tubes Heat Exchangers - Titanium -
ME-HXR-003	Shell & Tubes Heat Exchangers -CU, Alloy, Monel, Low Alloy-
ME-HXR-004	Plate Type Heat Exchangers - Bolted Construction -
ME-HXR-005	Plate Type Heat Exchangers - Welded Construction -
ME-HXR-006	Hair Pin Heat Exchangers
ME-HXR-007	Air Cooled Heat Exchangers
ME-HXR-008	Cooling Tower Package

ME-HXR-009	Double Pipe Exchangers
ME-HXR-010	Printed Circuit Heat Exchangers (PCHE)
ME-MSC-001	Couplings for Pumps & Compressors
ME-MSC-002	Mechanical Seals for Pumps & Compressors
ME-MSC-003	Gear Boxes
ME-MSC-004	Burners for Heaters
ME-MSC-005	Flame Arrestors
ME-MSC-006	Silencers for Packages
ME-MSC-007	Filtration Systems & Cartridges - for Process
ME-MSC-008	Static Mixers
ME-MSC-009	De-Superheaters
ME-PKG-001	Nitrogen Generation Package - Pressure Swing Adsorption (PSA) Type -
ME-PKG-002	Nitrogen Generation Package - Membrane Type -
ME-PKG-003	Dehydration Package
ME-PKG-004	Chemical Injection Package
ME-PKG-005	Sewage Treatment Package
ME-PKG-006	Water Injection Package
ME-PKG-007	Water Treatment Packages
ME-PKG-008	Sulphur Pouring Tower Package
ME-PKG-009	Chlorination Package
ME-PKG-010	Reverse Osmosis (RO)
ME-PKG-011	Deaeration Package
ME-PKG-012	Incinerators
ME-PKG-013	Waste Heat Recovery Unit
ME-PKG-014	Air Separation Package
ME-PKG-015	Furnaces
ME-PKG-016	Instrument Air Compressor Package (Compressor / Dryer)
ME-PKG-017	Sulphur Granulation Package
ME-PKG-018	Sulphur Pouring Towers
ME-PKG-019	Fuel Gas Treatment / Conditioning Package
ME-PKG-020	Filtration Packages (Coarse and Fine Filter)
ME-PKG-021	Refrigeration Package
ME-PKG-022	Desalters
ME-PKG-023	Ejectors
ME-PMP-001	Centrifugal Horizontal Pumps (API)
ME-PMP-002	Centrifugal Vertical Barrel Pumps (API)
ME-PMP-003	Centrifugal Vertical Pumps (INLINE)
ME-PMP-004	Centrifugal Submersible / Sump Pumps
ME-PMP-005	Metering / Dosing Pumps
ME-PMP-006	Centrifugal Horizontal Pumps - NON API - for Utilities
ME-PMP-007	Positive Displacement Pumps (Progressive Cavity, Gear, Screw & Rotary)
ME-PMP-008	Reciprocating Pumps
ME-PMP-009	Centrifugal Pumps for Fire Application (Fire Pumps)
ME-PMP-010	Centrifugal Pumps for Sulphur Application (Sulphur Pumps)
ME-PMP-011	Centrifugal Pumps for Sewage Application (Sewage Pumps)
ME-PMP-012	Air Operated Diaphragm Pumps
ME-PMP-013	Axial Pumps

ME-PMP-014	Slurry / Sludge Pumps
ME-PPS-017	Clad Pipes, Fittings, Flanges
ME-PVS-001	Columns / Towers (Up to 50mm)
ME-PVS-002	Columns / Towers (51mm to 125mm)
ME-PVS-003	Columns / Towers (above 125mm)
ME-PVS-004	Trays, Internals and Supports for Towers & Columns
ME-PVS-005	Pressure Vessels up to 30mm (CS / SS / AS / CLAD
ME-PVS-006	Pressure VEssels 31mm to 50mm (CS/SS/AS/CLAD)
ME-PVS-007	Pressure Vessels 51mm to 125mm (ALL MATL.)
ME-PVS-008	Pressure Vessels above 126mm (ALL MATL.)
ME-PVS-009	Storage Tanks (Other Than Spheres)
ME-PVS-010	Spherical Tanks
ME-PVS-011	FRP Tanks
ME-PVS-012	Separators
ME-PVS-013	Reactors
ME-PVS-014	Internals for Separators
ME-PVS-015	coalescers
ME-PVS-016	Demister
ME-STR-001	Stacker / Reclaimers
ME-STR-002	Stacker / Reclaimers Travelling System
ME-STR-003	Chimneys, Stacks & Flues, Ducting
ME-TBN-001	Turbines - Steam (API 612)
ME-TBN-002	Turbines- Steam (API 611)
ME-TBN-003	Turbines - Gas
NO-NO-00	No Item
PI-FFL-001	CS / AS / SS Fittings, Forged, (SW / Threaded / Weldolets)
PI-FFL-002	CS / AS / SS Fittings, Casting, BW
PI-FFL-003	Copper Alloy Fittings for Pipe (BW / SW / Screw)
PI-FFL-004	PVC & UPVC Fittings - All Sizes -
PI-FFL-005	Acrylonitrile Butadiene Styrene (ABS) Fittings - All Sizes -
PI-FFL-006	HDPE Pipe Fittings - All Sizes -
PI-FFL-007	Titanium Fittings - All Sizes -
PI-FFL-008	CS / AS / SS Flanges
PI-FFL-009	Copper Alloy Flanges for Pipes
PI-FFL-010	PVC & UPVC Fittings - All Sizes -
PI-FFL-011	Acrylonitrile Butadiene Styrene (ABS) Flanges - All Sizes -
PI-FFL-012	Titanium Flanges - All Sizes -
PI-FFL-013	Barred Tees
PI-FFL-014	Hot Induction Bends
PI-FFL-015	Clamp Connectors / Hubs
PI-MSC-001	Hoses & Couplings - for Special Applications
PI-MSC-002	Hangers & Supports for Piping (ie: Spring Supports, ...etc)
PI-MSC-003	Filter / Strainers & Steam Traps
PI-MSC-004	Corrosion Coupon & Corrosion Probes
PI-MSC-005	Hot Tapping
PI-MSC-006	Isolation / Insulation Joints
PI-MSC-007	Fasteners & Hardware (Nuts, Bolts, Studs ... etc.)

PI-MSC-008	Gaskets - All Type -
PI-MSC-009	Pig Launcher & Receiver
PI-MSC-010	Quick Opening / Closure for Pig Launcher & Receiver
PI-MSC-011	Pigs (All Type)
PI-MSC-012	Heat Shrinkable Sleeves & Tapes
PI-MSC-013	Skin-Effect Electric Traced System for Pipeline (SEET)
PI-MSC-014	Skin-Effect Electric Traced (SEET) Pre Insulated Pipeline System
PI-MSC-015	Injection Quill
PI-MSC-016	Casing spacer and seals
PI-MSC-017	Mechanical / Valve Interlocks
PI-MSC-018	Expansion Joints / Bellows
PI-PPS-001	CS / AS, LSAW, Non-Sour, Pipe
PI-PPS-002	CS / AS, LSAW, Sour, Pipe
PI-PPS-003	CS / AS, High Frequency (ERW / HFW), Non-Sour, Pipe
PI-PPS-004	CS / AS, High Frequency (ERW / HFW), Sour, Pipe
PI-PPS-005	CS / AS Spiral - SAW - Non-Sour & Sour, Pipe
PI-PPS-006	CS / AS, Seamless, Non-Sour, Pipe
PI-PPS-007	CS / AS, Seamless, Sour, Pipe
PI-PPS-008	Stainless Steel, Seamless Pipe
PI-PPS-009	Stainless Steel, Welded Pipe
PI-PPS-010	Super Duplex; inconel Stainless Steel Seamless Pipe
PI-PPS-011	GRE & GRP Pipes and Fittings (High & Low Pressures)
PI-PPS-012	PVC & UPVC Pipe - All Sizes -
PI-PPS-013	Acrylonitrile Butadiene Styrene (ABS) Pipe - All Sizes -
PI-PPS-014	HDPE Pipe - All Sizes -
PI-PPS-015	Copper Alloy Pipe - All Sizes -
PI-PPS-016	Titanium Pipe - All Sizes -
PI-PPS-017	Clad Pipes, Fittings, Flanges
PI-PPS-018	Cement Lined Pipe, Fittings, Flanges
PI-PPS-019	Epoxy / HDPE / PE / Rubber Coating & lining Pipe Fittings Flanges
PI-PPS-020	Galvanized Pipe
PI-PPS-021	Forged Pipe
PI-STT-001	General Stockist/Trader Piping materials. (For <Mill Qty, stock requirement. No Agency/Rep'n)
PI-VAL-001	Ball Valves, Side Entry
PI-VAL-002	Ball Valves, Top Entry
PI-VAL-003	Butterfly Valves - All Type other than Triple Off Set
PI-VAL-004	Triple Off Set Butterfly Valves
PI-VAL-005	Gate Valves, up to 2"
PI-VAL-006	Gate Valves, above 2"
PI-VAL-007	Globe Valves, up to 2"
PI-VAL-008	Globe Valves, above 2"
PI-VAL-009	Check Valves, up to 2"
PI-VAL-010	Check Valves, above 2"
PI-VAL-011	Plug Valves
PI-VAL-012	Diaphragm Valves
PI-VAL-013	Bronze / Aluminum Valves

PI-VAL-014	Needle Valves
PI-VAL-015	Blow Down Valves
PI-VAL-016	Double Block & Bleed Valves
PI-VAL-017	Dual Plate / Wafer Check valves
PI-VAL-018	Wafer Type Ball Valves
PI-VAL-019	Choke Valves
PI-VAL-020	Ball Valves API 6A
PI-VAL-021	Gate, Globe Valves API 6A
PI-VAL-022	Piston Check Valve
SA-FFS-001	Inergen Agent
SA-FFS-002	FM-200 Agent
SA-FFS-003	CO2 / Inergen - Fire Suppression System
SA-FFS-004	Foam Generating System
SA-FFS-005	Fire Trucks
SA-FFS-006	Fire Water Hydrants
SA-FFS-007	Fire Water Hose Reels
SA-FFS-008	Deluge System
SA-FFS-009	Deluge Valves
SA-FFS-010	Fire Extinguishers
SA-FFS-011	Fire Hose Boxes
SA-FFS-012	Water Spray Nozzles
SA-FFS-013	Safety Showers & Eye Wash
SA-FFS-014	Portable Eye Wash
SA-FFS-015	Self Contained Breathing Apparatus (SCBA)
SA-FFS-016	Wind Socks
SA-FFS-017	Fire Monitors
SA-FFS-018	Fire Blankets
SA-FFS-019	Fixed and Mobile Breathing Air Systems
SA-FFS-020	Safety Signs
SA-FFS-021	Fire & Gas Detectors
SA-FFS-022	Sirens & Audible Alarms
SA-MED-001	Stretcher
SC-CTG-001	Sandblasting & painting
SC-CTG-002	TSA Coating
SC-CTG-003	Galvanizing
SC-CTG-004	Insulation works - Hot, cold & cryogenic
SC-CTG-005	Fireproofing
SC-CTG-006	Refractory Lining Works
SC-CTG-007	Field Joint Coatings
SC-CVL-001	General Contractor
SC-CVL-002	Piling Contractor
SC-CVL-003	Concrete Supply & Pour
SC-CVL-004	Foundations & Paving
SC-CVL-005	Thrust boring
SC-CVL-006	Roadworks
SC-CVL-007	Road marking and signage
SC-CVL-008	Underground Piping installation - GRE / GRP

SC-CVL-009	Building HVAC & Plumbing
SC-CVL-010	Landscaping and Irrigation
SC-EWO-001	Rough grading
SC-EWO-002	Demolition Works
SC-EWO-003	Earthwork & Site preparation
SC-EWO-004	Drainage
SC-GNS-001	Potable Water Supply
SC-GNS-002	Sewage
SC-GNS-003	Waste disposal - General
SC-GNS-004	Waste disposal - Hazardous
SC-GNS-005	Surplus / Scrap material purchase
SC-LOG-001	Freight Forwarding
SC-LOG-002	Heavy Lift & Oversize Transport
SC-LOG-003	Marine Transport
SC-LOG-004	Storage Yard / facilities
SC-PCC-001	Chemical Cleaning
SC-PCC-002	Flushing
SC-PCC-003	Dielectric Test
SC-PCC-004	Hi Pot Test
SC-PCC-005	Air & Steam blowing
SC-PMO-001	Topographic Survey
SC-PMO-002	Soil Investigation
SC-PMO-003	Cathodic Protection Survey
SC-PMO-004	Project Video
SC-PMO-005	Laser Scanning Services
SC-PMO-006	Geotechnical Investigation
SC-SEI-001	Electrical works
SC-SEI-002	Overhead Power Lines
SC-SEI-003	Instrumentation & Control works
SC-SEI-004	Telecommunication Works
SC-SEI-005	Cathodic Protection installation testing & Commissioning
SC-SEM-001	Temporary Facilities
SC-SEM-002	Camp construction
SC-SEM-003	Camp catering
SC-SEM-004	First Aid
SC-SEM-005	Cleaning Services
SC-SEM-006	Security
SC-SEM-007	Security Fencing
SC-SME-001	Equipment Erection and Installation
SC-SME-002	Structural Steel Fabrication, Erection and modification
SC-SME-003	Piping & Spools - Fabrication, Installation , Repair
SC-SME-004	Fabrication works - General
SC-SME-005	Tank Fabrication / Site Built Tanks
SC-SME-006	Scaffolding Services
SC-SME-007	Hot Tapping
SC-SME-008	Underground Piping installation - Steel
SC-SME-009	Underground Piping installation - HDPE

SC-SPI-001	Pipeline drying
SC-SPI-002	Intelligent Pigging
SR-ESD-001	Short Circuit, Load Flow and Harmonic Analysis
SR-ESD-002	Relay Coordination Study
SR-ESD-003	Motor Starting and Transient Stability Study
SR-ESD-004	Power System Study
SR-ISD-001	Safety Integrity Level Study (SIL)
SR-ISD-002	Cyber Security
SR-NSD-001	Constructability Review Study
SR-OPS-001	Operational Readiness
SR-PSD-001	Hazard and Operability Study (HAZOP)
SR-QCI-001	TPI Inspection Services
SR-QCI-002	Non Destructive Testing (NDT)
SR-QCI-003	Lifting Equipment Inspection & Certification
SR-QCI-004	Laboratories Material Testing
SR-QCI-005	Laboratories Civil Testing
SR-QCI-006	Post Weld Heat Treatment (PWHT)
SR-QCI-007	Valve Testing
SR-QCI-008	Instrument calibration
SR-QCI-009	Helium Leak Testing (including Equipment Rental)
SR-RRM-001	Repair and Refurbishment - Rotating equipment
SR-RSD-001	Fracture Control and Propagation Study
SR-SPD-001	Ergonomics
SR-SSD-001	Health Safety Environment Impact Assessment (HSEIA)
SR-SSD-002	Reliability, Availability and Maintainability Study (RAM)
SR-SSD-003	Failure Mode and Effect Analysis (FMEA)
SR-SSD-004	Quantitative Risk Assessment (QRA)
SR-SSD-005	Fire & Explosion Risk Assessment (FRA)
SR-SSD-006	Vent / Flare Radiation and Dispersion Study
SR-SSD-007	Smoke & Gas Dispersion Study / Mapping
SR-SSD-008	Environmental Impact Assessment Study (EIA)
SR-SSD-009	Control of Major Accident Hazards (COMAH)
SR-SSD-010	Hazard Identification Study (HAZID)
SR-SSD-011	Environmental Impact Identification Study (ENVID)
SR-SSD-012	Occupational Health Hazard Identification (OHID)
SR-SSD-013	Simultaneous Operation (SIMOPS)
SR-SSD-014	Noise Study
SR-SSD-015	Marine Defence Study
SR-SSD-016	Safety Equipment Layout
SR-SSD-017	Blast Overpressure Assessment (CFD Analysis)
SR-SSD-018	Escape Evacuation and Rescue Analysis (EERA) / Emergency Response Plan
SR-SSD-019	Bow-Tie Analysis Study / Risk Management
ST-STP-001	CS / AS / LTCS Plates, Non Sour Services
ST-STP-002	CS / AS / LTCS Plates, Sour Services
ST-STP-003	SS Plates
ST-STP-004	Structure Steel Material (Bars, Rod, Sections, ..., etc.)
ST-STP-005	Structural Steel Fabricators

ST-STP-006	Structure Steel Miscellaneous (ie: Gratings, Chequered Plates, Handrails, etc...)
TC-CAB-001	Fiber Optic Cables
TC-CAB-002	Telephone Cables
TC-CVL-010	Landscaping & irrigation
TC-MSC-001	Dispatcher System
TC-MSC-002	IDC Terminal Blocks
TC-MSC-003	Local Area Network (LAN)
TC-MSC-004	Main Distribution Frame (MDF) / Independent Distribution Frame (IDF)
TC-MSC-005	FO Patch Panel
TC-TEL-001	Telecommunication Integration (TSI)
TC-TEL-002	Structured / Data Cabling System
TC-TEL-003	Closed Circuit TV System (CCTV)
TC-TEL-004	Private Automatic Branch Exchange (PABX)
TC-TEL-005	Radio Systems
TC-TEL-006	Public Address & Sound Systems
TC-TEL-007	Access Control System (ACS)
TC-TEL-008	Security System (FOIDS)
TC-TEL-009	Microwave Systems

[illegible]

Electrical	Miscellaneous
Electrical	Miscellaneous
Electrical	Miscellaneous
Electrical	Miscellaneous
ELECTRICAL	Shelters
Electrical	Shelters/ Technical Room/ Building
ELECTRICAL	Electric Motors
ELECTRICAL	Switchgear
ELECTRICAL	Switchgear
ELECTRICAL	Switchgear
Electrical	Switchgear
Electrical	Switchgear
ELECTRICAL	Skids
ELECTRICAL	Solar
ELECTRICAL	Generator - Steam Turbine Driven
ELECTRICAL	Power
ELECTRICAL	Transformer
ELECTRICAL	Transformer
ELECTRICAL	Transformer
Electrical	Un-Interrupted Power Supply System (UPS)
Electrical	Un-Interrupted Power Supply System (UPS)
Electrical	Un-Interrupted Power Supply System (UPS)
ELECTRICAL	Un-Interrupted Power Supply System (UPS)
ELECTRICAL	Variable Speed drives
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
HVAC	HVAC Equipment and Components
INSTRUMENTATION	Actuators
INSTRUMENTATION	Actuators
INSTRUMENTATION	Actuators
Instrumentation	Actuators
Instrumentation	Actuators
INSTRUMENTATION	Analyzers
INSTRUMENTATION	Analyzers
INSTRUMENTATION	Analyzers
INSTRUMENTATION	Analyzers
INSTRUMENTATION	Cables
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters

INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
INSTRUMENTATION	Flow Meters
Instrumentation	Flow Meters
INSTRUMENTATION	Guages
INSTRUMENTATION	Guages
INSTRUMENTATION	Guages
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
INSTRUMENTATION	Miscellaneous
Instrumentation	Miscellaneous
Instrumentation	Miscellaneous
INSTRUMENTATION	Skids
INSTRUMENTATION	Skids
INSTRUMENTATION	Skids
Instrumentation	Skids
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	System Integration
INSTRUMENTATION	Transmitters
INSTRUMENTATION	Transmitters

INSTRUMENTATION	Transmitters
INSTRUMENTATION	Transmitters
Instrumentation	Transmitters
INSTRUMENTATION	Valves
INSTRUMENTATION	Valves
INSTRUMENTATION	Valves
INSTRUMENTATION	Valves
Instrumentation	Valves
INSTRUMENTATION	Valves
Instrumentation	Valves
Instrumentation	Valves
Instrumentation	Valves
INSTRUMENTATION	Valves
Instrumentation	Valves
Instrumentation	Valves
MODULE	Building
Module	Building
MODULE	Electrical
MODULE	Steel
MODULE	Steel
MODULE	Steel
MECHANICAL	Blowers & Fans
MECHANICAL	Compressors
MECHANICAL	Compressors
MECHANICAL	Compressors
MECHANICAL	Compressors
MECHANICAL	Compressors
MECHANICAL	Compressors
MECHANICAL	Compressors
MECHANICAL	Conveyors
MECHANICAL	Cranes
MECHANICAL	Cranes
MECHANICAL	Cranes
MECHANICAL	Flare
MECHANICAL	Flare
MECHANICAL	Flare
MECHANICAL	Heaters
MECHANICAL	Heaters
MECHANICAL	Heaters
MECHANICAL	Heat Exchangers
MECHANICAL	Heat Exchangers
MECHANICAL	Heat Exchangers
MECHANICAL	Heat Exchangers
MECHANICAL	Heat Exchangers
MECHANICAL	Heat Exchangers
MECHANICAL	Heat Exchangers
Mechanical	Heat Exchangers

[illegible]

[illegible]

PIPING	Miscellaneous
PIPING	Miscellaneous
PIPING	Miscellaneous
PIPING	Miscellaneous
PIPING	Miscellaneous
PIPING	Miscellaneous
PIPING	Miscellaneous
PIPING	Miscellaneous
Piping	Miscellaneous
Piping	Miscellaneous
Piping	Miscellaneous
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
PIPING	Pipes
Piping	Pipes
Piping	Pipes
Piping	Pipes
Piping	Stockist / Trader
PIPING	Valves
PIPING	Valves
Piping	Pipes
Piping	Valves
Piping	Valves
Piping	Valves
Piping	Valves
Piping	Valves
Piping	Valves
PIPING	Valves
Piping	Valves
Piping	Valves
PIPING	Valves

[illegible]

[illegible]

Sub Contracts	Pipeline - Site
Sub Contracts	Pipeline - Site
Services	Electrical Study
Services	Electrical Study
Services	Electrical Study
Services	Electrical Study
Services	Instrumentation Study
Services	Instrumentation Study
SERVICES	Construction Study
Services	Operations
Services	Process Study
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Quality Control / Inspection
Services	Repair and Maintenance
Services	Corrosion Study
Services	Special Study / Design
Services	Safety Study
Services	Safety Study
Services	Safety Studies
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Services	Safety Study
Steel	Structural Steel & Plates
Steel	Structural Steel & Plates
Steel	Structural Steel & Plates
Steel	Structural Steel & Plates
Steel	Structural Steel & Plates

Steel	Structural Steel & Plates
Telecommunications & Security	Cables
Telecommunications & Security	Cables
Telecommunications & Security	Civil /Infrastructure / Environmental Works
Telecommunications & Security	Miscellaneous
Telecommunications & Security	Miscellaneous
Telecommunications & Security	Miscellaneous
Telecommunications & Security	Miscellaneous
Telecommunications & Security	Miscellaneous
Telecommunications & Security	Telecommunications Integration, Systems and Security
Telecommunications & Security	Telecommunications Integration, Systems and Security
Telecommunications & Security	Telecommunications Integration, Systems and Security
Telecommunications & Security	Telecommunications Integration, Systems and Security
Telecommunications & Security	Telecommunications Integration, Systems and Security
TELECOMMUNICATIONS & SECURITY	Telecommunications Integration, Systems and Security
Telecommunications & Security	Telecommunication Integration, Systems and Security
Telecommunications & Security	Telecommunication Integration, Systems and Security

Catergory	Initial Decipline	Initial Section	Initial Category	MTL Sr No.
	BD	FNT		001
	CH	CHL		001
	CH	CHL		002
	CH	LUB		001
	CN	CAP		001
	CN	CAP		002
	CN	CAP		003
	CT	ECT		001
	CT	ECT		002
	CT	ECT		003
	CT	ICT		001
	CT	ICT		002
	CT	ICT		003
	CT	ICT		004
	EL	BBD		001
	EL	CAB		001
	EL	CAB		002
	EL	CAB		003
	EL	CAB		004
	EL	CAB		005
	EL	EGS		001
	EL	EGS		002
	EL	EMO		001
	EL	EMO		002
	EL	LDB		001
	EL	LDB		002
	EL	MSC		001
	EL	MSC		002
	EL	MSC		003
	EL	MSC		004
	EL	MSC		005
	EL	MSC		006
	EL	MSC		007
	EL	MSC		008
	EL	MSC		009
	EL	MSC		010
	EL	MSC		011
	EL	MSC		012
	EL	MSC		013
	EL	MSC		014
	EL	MSC		015

	EL	MSC		016
	EL	MSC		017
	EL	MSC		018
	EL	MSC		019
	EL	PSS		001
	EL	PSS		002
	EL	PWR		001
	EL	SGR		001
	EL	SGR		002
	EL	SGR		003
	EL	SGR		004
	EL	SGR		005
	EL	SKD		004
	EL	SLR		001
	EL	STG		001
	EL	SYS		001
	EL	TFM		001
	EL	TFM		002
	EL	TFM		003
	EL	UPS		001
	EL	UPS		002
	EL	UPS		003
	EL	UPS		004
	EL	VSD		001
	HV	HVC		001
	HV	HVC		002
	HV	HVC		003
	HV	HVC		004
	HV	HVC		005
	HV	HVC		006
	HV	HVC		007
	HV	HVC		008
	IN	ACT		001
	IN	ACT		002
	IN	ACT		003
	IN	ACT		004
	IN	ACT		005
	IN	AYZ		001
	IN	AYZ		002
	IN	AYZ		003
	IN	AYZ		004
	IN	CAB		001
	IN	FLM		001
	IN	FLM		002
	IN	FLM		003
	IN	FLM		004
	IN	FLM		005

	IN	FLM		006
	IN	FLM		007
	IN	FLM		008
	IN	FLM		009
	IN	FLM		010
	IN	FLM		011
	IN	FLM		012
	IN	FLM		013
	IN	GGS		001
	IN	GGS		002
	IN	GGS		003
	IN	MSC		001
	IN	MSC		002
	IN	MSC		003
	IN	MSC		004
	IN	MSC		005
	IN	MSC		006
	IN	MSC		007
	IN	MSC		008
	IN	MSC		009
	IN	MSC		010
	IN	MSC		011
	IN	MSC		012
	IN	MSC		013
	IN	MSC		014
	IN	MSC		015
	IN	SKD		001
	IN	SKD		002
	IN	SKD		003
	IN	SKD		004
	IN	SYS		001
	IN	SYS		002
	IN	SYS		003
	IN	SYS		004
	IN	SYS		005
	IN	SYS		006
	IN	SYS		007
	IN	SYS		008
	IN	SYS		009
	IN	SYS		010
	IN	SYS		011
	IN	SYS		012
	IN	SYS		013
	IN	SYS		014
	IN	SYS		015
	IN	TRN		001
	IN	TRN		002

	IN	TRN		003
	IN	TRN		004
	IN	TRN		005
	IN	VAL		001
	IN	VAL		002
	IN	VAL		003
	IN	VAL		004
	IN	VAL		005
	IN	VAL		006
	IN	VAL		007
	IN	VAL		008
	IN	VAL		009
	IN	VAL		010
	IN	VAL		011
	IN	VAL		012
	MD	BLD		001
	MD	BLD		002
	MD	ELE		001
	MD	STL		001
	MD	STL		002
	MD	STL		003
ROTATING EQUIPMENT	ME	BLF	RO	001
ROTATING EQUIPMENT	ME	CMP	RO	001
ROTATING EQUIPMENT	ME	CMP	RO	002
ROTATING EQUIPMENT	ME	CMP	RO	003
ROTATING EQUIPMENT	ME	CMP	RO	004
ROTATING EQUIPMENT	ME	CMP	RO	005
ROTATING EQUIPMENT	ME	CMP	RO	006
ROTATING	ME	CMP	RO	007
	ME	CNV		001
HANDLING EQUIPMENT	ME	CRN	HE	001
HANDLING EQUIPMENT	ME	CRN	HE	002
HANDLING EQUIPMENT	ME	CRN	HE	003
STATIC EQUIPMENT	ME	FLR	ST	001
STATIC EQUIPMENT	ME	FLR		002
STATIC EQUIPMENT	ME	FLR	ST	003
STATIC EQUIPMENT	ME	HTR	ST	001
STATIC EQUIPMENT	ME	HTR	ST	002
STATIC EQUIPMENT	ME	HTR	ST	003
STATIC EQUIPMENT	ME	HXR		001
STATIC EQUIPMENT	ME	HXR	ST	002
STATIC EQUIPMENT	ME	HXR	ST	003
STATIC EQUIPMENT	ME	HXR	ST	004
STATIC EQUIPMENT	ME	HXR	ST	005
STATIC EQUIPMENT	ME	HXR	ST	006
STATIC EQUIPMENT	ME	HXR		007
	ME	HXR	ST	008

STATIC EQUIPMENT	ME	HXR	ST	009
STATIC EQUIPMENT	ME	HXR	ST	010
	ME	MSC		001
	ME	MSC		002
	ME	MSC		003
	ME	MSC		004
	ME	MSC		005
	ME	MSC		006
	ME	MSC		007
PIPING	ME	MSC	PI	008
	ME	MSC		009
STATIC EQUIPMENT	ME	PKG		001
STATIC EQUIPMENT	ME	PKG	ST	002
STATIC EQUIPMENT	ME	PKG	ST	003
STATIC EQUIPMENT	ME	PKG	ST	004
STATIC EQUIPMENT	ME	PKG	ST	005
STATIC EQUIPMENT	ME	PKG	ST	006
STATIC EQUIPMENT	ME	PKG	ST	007
STATIC EQUIPMENT	ME	PKG	ST	008
STATIC EQUIPMENT	ME	PKG		009
STATIC EQUIPMENT	ME	PKG	ST	010
STATIC EQUIPMENT	ME	PKG	ST	011
STATIC EQUIPMENT	ME	PKG	ST	012
STATIC EQUIPMENT	ME	PKG	ST	013
STATIC EQUIPMENT	ME	PKG	ST	014
STATIC EQUIPMENT	ME	PKG	ST	015
STATIC EQUIPMENT	ME	PKG	ST	016
STATIC EQUIPMENT	ME	PKG	ST	017
STATIC EQUIPMENT	ME	PKG	ST	018
STATIC EQUIPMENT	ME	PKG	ST	019
STATIC EQUIPMENT	ME	PKG	ST	020
Static Equipment	ME	PKG	ST	021
	ME	PKG	ST	022
	ME	PKG		023
ROTATING EQUIPMENT	ME	PMP	RO	001
ROTATING EQUIPMENT	ME	PMP	RO	002
ROTATING EQUIPMENT	ME	PMP	RO	003
ROTATING EQUIPMENT	ME	PMP	RO	004
ROTATING EQUIPMENT	ME	PMP	RO	005
ROTATING EQUIPMENT	ME	PMP	RO	006
ROTATING EQUIPMENT	ME	PMP	RO	007
ROTATING EQUIPMENT	ME	PMP	RO	008
ROTATING EQUIPMENT	ME	PMP	RO	009
ROTATING EQUIPMENT	ME	PMP	RO	010
ROTATING EQUIPMENT	ME	PMP	RO	011
ROTATING EQUIPMENT	ME	PMP	RO	012
ROTATING EQUIPMENT	ME	PMP	RO	013

ROTATING EQUIPMENT	ME	PMP	RO	014
PIPING	ME	PPS	PI	017
STATIC EQUIPMENT	ME	PVS		001
STATIC EQUIPMENT	ME	PVS	ST	002
STATIC EQUIPMENT	ME	PVS	ST	003
STATIC EQUIPMENT	ME	PVS		004
STATIC EQUIPMENT	ME	PVS	ST	005
STATIC EQUIPMENT	ME	PVS		006
STATIC EQUIPMENT	ME	PVS	ST	007
STATIC EQUIPMENT	ME	PVS	ST	008
STATIC EQUIPMENT	ME	PVS	ST	009
STATIC EQUIPMENT	ME	PVS	ST	010
STATIC EQUIPMENT	ME	PVS	ST	011
STATIC EQUIPMENT	ME	PVS	ST	012
ROTATING EQUIPMENT	ME	PVS	RO	013
	ME	PVS		014
	ME	PVS		015
	ME	PVS		016
HANDLING EQUIPMENT	ME	STR	HE	001
HANDLING EQUIPMENT	ME	STR	HE	002
	ME	STR		003
ROTATING	ME	TBN	RO	001
ROTATING EQUIPMENT	ME	TBN	RO	002
ROTATING EQUIPMENT	ME	TBN	RO	003
		NO		000
	PI	FFL		001
	PI	FFL		002
	PI	FFL		003
	PI	FFL		004
	PI	FFL		005
	PI	FFL		006
	PI	FFL		007
	PI	FFL		008
	PI	FFL		009
	PI	FFL		010
	PI	FFL		011
	PI	FFL		012
	PI	FFL		013
	PI	FFL		014
	PI	FFL		015
	PI	MSC		001
	PI	MSC		002
	PI	MSC		003
	PI	MSC		004
	PI	MSC		005
	PI	MSC		006
	PI	MSC		007

	PI	MSC		008
	PI	MSC		009
	PI	MSC		010
	PI	MSC		011
	PI	MSC		012
	PI	MSC		013
	PI	MSC		014
	PI	MSC		015
	PI	MSC		016
	PI	MSC		017
	PI	MSC		018
	PI	PPS		001
	PI	PPS		002
	PI	PPS		003
	PI	PPS		004
	PI	PPS		005
	PI	PPS		006
	PI	PPS		007
	PI	PPS		008
	PI	PPS		009
	PI	PPS		010
	PI	PPS		011
	PI	PPS		012
	PI	PPS		013
	PI	PPS		014
	PI	PPS		015
	PI	PPS		016
PIPING	PI	PPS	PI	017
	PI	PPS		018
	PI	PPS		019
	PI	PPS		020
	PI	PPS		021
	PI	STT		001
PIPING	PI	VAL	PI	001
	PI	VAL		002
	PI	VAL		003
	PI	VAL		004
	PI	VAL		005
	PI	VAL		006
	PI	VAL		007
	PI	VAL		008
	PI	VAL	PI	009
	PI	VAL		010
	PI	VAL		011
	PI	VAL		012
	PI	VAL		013

	PI	VAL	PI	014
	PI	VAL		015
	PI	VAL	PI	016
	PI	VAL		017
	PI	VAL		018
	PI	VAL		019
	PI	VAL		020
	PI	VAL		021
	PI	VAL		022
	SA	FFS		001
	SA	FFS		002
	SA	FFS		003
	SA	FFS		004
	SA	FFS		005
	SA	FFS		006
	SA	FFS		007
	SA	FFS		008
	SA	FFS		009
	SA	FFS		010
	SA	FFS		011
	SA	FFS		012
	SA	FFS		013
	SA	FFS		014
	SA	FFS		015
	SA	FFS		016
	SA	FFS		017
	SA	FFS		018
	SA	FFS		019
	SA	FFS		020
	SA	FFS		021
	SA	FFS		022
	SA	MED		001
	SC	CTG		001
	SC	CTG		002
	SC	CTG		003
	SC	CTG		004
	SC	CTG		005
	SC	CTG		006
	SC	CTG		007
	SC	CVL		001
	SC	CVL		002
	SC	CVL		003
	SC	CVL		004
	SC	CVL		005
	SC	CVL		006
	SC	CVL		007
	SC	CVL		008

		CVL		009
	SC	CVL		010
	SC	EWO		001
	SC	EWO		002
	SC	EWO		003
	SC	EWO		004
	SC	GNS		001
	SC	GNS		002
	SC	GNS		003
	SC	GNS		004
	SC	GNS		005
	SC	LOG		001
	SC	LOG		002
	SC	LOG		003
	SC	LOG		004
	SC	PCC		001
	SC	PCC		002
	SC	PCC		003
	SC	PCC		004
	SC	PCC		005
	SC	PMO		001
	SC	PMO		002
	SC	PMO		003
	SC	PMO		004
	SC	PMO		005
	SC	PMO		006
	SC	SEI		001
	SC	SEI		002
	SC	SEI		003
	SC	SEI		004
	SC	SEI		005
	SC	SEM		001
	SC	SEM		002
	SC	SEM		003
	SC	SEM		004
	SC	SEM		005
	SC	SEM		006
	SC	SEM		007
	SC	SME		001
	SC	SME		002
	SC	SME		003
	SC	SME		004
	SC	SME		005
	SC	SME		006
	SC	SME		007
	SC	SME		008
	SC	SME		009

	SC	SPI		001
	SC	SPI		002
Study & Analysis	SR	ESD	SD	001
Study & Analysis	SR	ESD	SD	002
Study & Analysis	SR	ESD	SD	003
	SR	ESD		004
Study & Analysis	SR	ISD	SD	001
	SR	ISD		002
Study & Analysis	SR	NSD	SD	001
	SR	OPS	SD	001
Study & Analysis	SR	PSD	SD	001
Study & Analysis	SR	QCI	SD	001
Study & Analysis	SR	QCI	SD	002
Study & Analysis	SR	QCI	SD	003
Study & Analysis	SR	QCI	SD	004
Study & Analysis	SR	QCI	SD	005
Study & Analysis	SR	QCI	SD	006
Study & Analysis	SR	QCI	SD	007
Study & Analysis	SR	QCI	SD	008
	SR	QCI		009
Study & Analysis	SR	RRM	SD	001
Study & Analysis	SR	RSD	SD	001
Study & Design	SR	SPD	SD	001
Study & Analysis	SR	SSD	SD	001
Study & Analysis	SR	SSD	SD	002
Study & Analysis	SR	SSD	SD	003
Study & Analysis	SR	SSD	SD	004
	SR	SSD	SD	005
Study & Analysis	SR	SSD	SD	006
	SR	SSD	SD	007
Study & Analysis	SR	SSD	SD	008
Study & Analysis	SR	SSD	SD	009
Study & Analysis	SR	SSD	SD	010
Study & Analysis	SR	SSD	SD	011
Study & Analysis	SR	SSD	SD	012
Study & Analysis	SR	SSD	SD	013
	SR	SSD		014
	SR	SSD		015
	SR	SSD		016
	SR	SSD		017
	SR	SSD		018
	SR	SSD		019
	ST	STP		001
	ST	STP		002
	ST	STP		003
	ST	STP		004
	ST	STP		005

	ST	STP		006
	TC	CAB		001
	TC	CAB		002
	TC	CVL		010
	TC	MSC		001
	TC	MSC		002
	TC	MSC		003
	TC	MSC		004
	TC	MSC		005
	TC	TEL		001
	TC	TEL		002
	TC	TEL		003
	TC	TEL		004
	TC	TEL		005
	TC	TEL		006
	TC	TEL		007
	TC	TEL		008
	TC	SSD		009