

شركة تطوير للبترول

Tatweer Petroleum Company

أولاً: خطة المناقصات

مؤعد الطرح التقريبي Expected Release Date	وصف المناقصة Tender Description	موضوع المناقصة Tender Subject	الرقم No.
Q2	Provision of Agriculture and Landscaping Maintenance Services	Provision of Agriculture and Landscaping Maintenance Services	1
Q2	Provision of Business Continuity Management System Consultancy	Provision of Business Continuity Management System Consultancy	2
Q2	Supply of Labor at Workover Tool House	Supply of Labor at Workover Tool House	3
Q2	Provision of Tubing Coating Services	Provision of Tubing Coating Services	4
Q2	Provision of Tubing Inspection Services	Provision of Tubing Inspection Services	5
Q2	Real Time Surveillance of Mobile Trials	Real Time Surveillance of Mobile Trials	6
Q3	Three Years Contract for Provision of Maintenance of Navigation Lights	Three Years Contract for Provision of Maintenance of Navigation Lights	7
Q2	Ahmadi FIMB Gas Injection - Facilities	Stress Analysis Study & Associated Design	8
Q2	AlHunainiyah sanctuary and Oasis Full Expansion	Provision of Plantation/Mechanical Works for AlHunainiyah sanctuary and Oasis Full Expansion	9
Q2	Flare and Relief System for GDN - Nitrogen Purging and Depressurization Provisions in GDN Stations	Supply of Flare and Relief System for GDN	10
Q2	GPS Improvement Projects - Replace Level CVs at Alba Micro-Scrubber	Supply of Level Control valves	11
Q2	Instrument Air Supply at Various GDN Stations - Install Instrument Air Compressor at HMS	Supply of IA vessel	12
Q2	Legacy CVR Tanks Improvements	Procurement of CVR Pumps & misc. Piping & Instruments Materials	13
Q2	LNG Integration - Header Modifications and Pressure Let Downs Station Bypass at HMS	Supply of DIB/DBB Valves	14
Q2	Three Years Contract for Provision of EPIC (LNG Integration - New Gas Pipelines from AGS to DDP)	Three Years Contract for Provision of EPIC (LNG Integration - New Gas Pipelines from AGS to DDP)	15
Q2	Mauddud South Gas Injection - 2 Wells	Procurement of DSA, Orifice Flanges & Insulating Flange Kits	16
Q3	Provision of Civil Construction Works for Renovation & Expansion of Core House Building	Provision of Civil Construction Works for Renovation & Expansion of Core House Building	17
Q2	Residue Gas Pipeline Network Upgrade - Improving Operational Reliability for Existing Residue Gas Pipelines	Supply of ESDVs, DIBs	18

Q3	Residue Gas Pipeline Network Upgrade - Install new 20" Redundant pipeline from Banagas to ADP	Supply of Linepipe, Hot Induction Bends, Fittings, Valves, Barred Tee, Mono Isolation joints Misc. Instrumentation items.	19
Q2	Rubble NE Sec HZ GI Pilot	Procurement of Choke Valves, DSA, Orifice Flanges, Insulating Flange Kits and Field Instruments & Tubings	20
Q2	Rubble Ph-1 Acceleration Dev. (FEC)	Procurement of Aea Lightings Fixtures	21
Q2	Safety & Security - Adding & Burying of Gas Pipelines from Dur Distribution Point (DDP) to Dur Metering Station (DMS)	Supply of Instruments	22
Q2	SDV/ROV Installations - Replace Existing and Install New Shutdown Valves at GDN Distribution Points	Supply of Instruments	23
Q2	SDV/ROV Installations - Replace Existing and Install New Shutdown Valves at GDN Distribution Points	Supply of Panels	24
Q2	SDV/ROV Installations - Replace Existing and Install New Shutdown Valves at GDN Distribution Points	Supply of ESDVs	25
Q2	Upgrade WTP02 to WTP06 Polymer Injection system	Procurement of new Poymer Injection Skid	26
Q2	Suction Scrubbers for ZeroP Skids	Engineering, Procurement, Fabrication & Supply of Suction Scrubber Vessels	27
Q2	Provision of Civil Construction Works for Supply Chain Management SCM Facilities Modernization	Provision of Civil Construction Works for Supply Chain Management SCM Facilities Modernization	28
Q2	Supply of Instrument Air to Legacy Remote Well Manifolds	Procurement of Air Compressors packages	29
Q2	Supply of Instrument Air to Legacy Remote Well Manifolds	Procurement of Transmitters	30
Q2	Supply of Instrument Air to Legacy Remote Well Manifolds	Procurement of Fabricated Vessels	31
Q3	Utilisation of the Multi-purpose Separator skid at Legacy remote Well Manifolds.	Procurement of Booster pump	32
Q2	WMs Booster Pumps Improvement Project-Phase 2	Procurement of Control Valves for Booster Pump Re-circulation Line	33
Q2	WMs Booster Pumps Improvement Project-Phase 2	Procurement of Vibration Transmitters	34
Q2	Five years contract for Provision of General Engineering Services	Five years contract for Provision of General Engineering Services	35
Q2	Rubble Steam Facilities Upgrade	Procurement of ESP Pump, and Pipe Material	36
Q3	Provision of Civil Construction Works - Expansion of Current Liquid Mudplant (LMP)	Provision of Civil Construction Works - Expansion of Current Liquid Mudplant (LMP)	37
Q2	Upgrade GOSP and Booster Pump systems WM04 & WM12- Contingent	Provision of GOPS Replacement	38
Q3	Single Point Failure Scope: Install Bypass for DDP and DMS	Procurement of Valves, Fittings	39

Q2	Provision of Civil Construction Works - Drilling Waste Management Facility	Provision of Civil Construction Works - Drilling Waste Management Facility	40
Q2	Provision of Civil Construction Works - New Lubricant Store Room Building	Provision of Civil Construction Works - New Lubricant Store Room Building	41
Q2	Ahmadi Crest Gas Injection - Facilities	Procurement of Shutdown Valves, Field instruments & Tubings	42
Q2	Rubble Ph-1 Acceleration Dev. (FEC)	Procurement of Instruments Cables	43
Q3	Upgrade Walnut Shell Filter's Inlet and Outlet Piping Materials at WTP01 -06	Procurement of SS Fittings	44
Q2	Rubble Ph-1 Acceleration Dev. (FEC)	Procurement of Hydraulic Beam Gas compressor (Test Package)	45
Q2	Upgrade GOSP and Booster Pump systems WM04 & WM12- Contingent	Procurement of Transmitters	46
Q2	Legacy Shipping pumps improvement Phase 1 (TB03 &05) - Contingent	Procurement of Transmitters	47
Q2	Upgrade GOSP and Booster Pump systems WM04 & WM12- Contingent	Procurement of Vibration Transmitters	48
Q2	Legacy Shipping pumps improvement Phase 1 (TB03 &05) - Contingent	Procurement of Vibration Transmitters	49
Q2	Legacy Shipping pumps improvement Phase 1 (TB03 &05) - Contingent	Procurement of Cables and Electrical	50
Q2	Enhancement of Chemical Injection Facilities at AGEP CS 08 & CS 20	Procurement of SS Tubing	51
Q2	Upgrade GOSP and Booster Pump Systems WM04 & WM12- Contingent	Procurement of Cables and Electrical	52
Q3	Provision of Tracer Services	Provision of Tracer Services	53
Q3	Supply and Installation of Progressive Cavity Pumps	Supply and Installation of Progressive Cavity Pumps	54
Q2	New Mechanical Shop Production Equipment	Procurement of New mechanical shop machinery.	55
Q2	Five Years Contract for Provision of Overhauling, Repair and Testing of Various Valves	Five Years Contract for Provision of Overhauling, Repair and Testing of Various Valves	56
Q2	Three Years Contract for Provision of HV Specialized Service	Three Years Contract for Provision of HV Specialized Service	57
Q4	Five Years Contract for Provision of Kaeser Air Compressor & SBG	Five Years Contract for Provision of Kaeser Air Compressor & SBG	58
Q3	Five Years Contract for Provision of M&R of Atlas Copco Compressors and Other Machinery	Five Years Contract for Provision of M&R of Atlas Copco Compressors and Other Machinery	59
Q4	Three Years Contract for Provision of Garbage Collection and Sewage Removal Services	Three Years Contract for Provision of Garbage Collection and Sewage Removal Services	60
Q4	Three Years Contract for Provision of Audit Services	Three Years Contract for Provision of Audit Services	61
Q2	Provision of Environmental Consultancy Service	Provision of Environmental Consultancy Service	62
Q2	Five Years Contract for Provision of In-Vehicle Monitoring System ("IVMS")	Five Years Contract for Provision of In-Vehicle Monitoring System ("IVMS")	63

Q3	ECM (Enterprise Content Management) system Implementation	ECM (Enterprise Content Management) system Implementation	64
Q3	Implementation of Gas Billing System	Implementation of Gas Billing System	65
Q2	Oracle Project	Oracle Project	66
Q3	Tatweer Resilience Management	Provision of Tatweer Resilience Management	67
Q4	Provision of CCU and Server Rooms AC Units Monthly Maintenance Service	Provision of CCU and Server Rooms AC Units Monthly Maintenance Service	68
Q2	Three Years Contract for Provision IBM Maximo Licenses And Associated Services	Three Years Contract for Provision IBM Maximo Licenses And Associated Services	69
Q2	Three Years Contract for Provision of Oracle E-Business Suite Service	Three Years Contract for Provision of Oracle E-Business Suite Service	70
Q2	Field Digital Canopy Improvement program	System Improvement Work for Fiber Optic Network/3 GIS/ FOBB10GB upgrade/Congestion relief/NW services	71
Q2	Part of Enhancing End Users Computing Experience Program	Migration of Existing Oracle Hardware to Alternative Solution and Implementation of Oracle DR Sites	72
Q3	Part of Enhancing End Users Computing Experience Program	Supply of Dell Laptops / PC's / Monitors & Accessories	73
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Iphones 64GB with charges, cases, screen protector, and Iphone licences.	74
Q2	Provision of STC Huawei 5G - Field Digital Canopy Improvement program	Provision of STC Huawei 5G - Field Digital Canopy Improvement program	75
Q2	Provision of PAM (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of PAM (Part of IT/OT/Cloud Security Architecture and Governance)	76
Q4	2022 Software Licenses	Purchase of Maximo Licenses	77
Q2	Constructing New Towers - Field Digital Canopy Improvement program	Constructing New Towers - Field Digital Canopy Improvement program	78
Q2	Part of Enhancing End Users Computing Experience Program	Provision of New CCF Solutions	79
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Microsoft Teams and SQL Licenses	80
Q2	Part of Enhancing End Users Computing Experience Program	Provision of IS Phones Zone 1	81
Q2	Part of Enhancing End Users Computing Experience Program	Network Switches Replacement for BH1	82
Q2	Part of Enhancing End Users Computing Experience Program	Provisioning of NETAPP Additional Storage with AWS Integration	83
Q2	Part of Enhancing End Users Computing Experience Program	Upgrade of Existing DC, Exchange, File Server with AWS Integration	84
Q2	Part of Enhancing End Users Computing Experience Program	Migrate Existing VDI Hardware to AWS	85
Q4	Implementation of Chemical monitoring and analysis software	Implementation of Chemical monitoring and analysis software	86
Q2	Part of Enhancing End Users Computing Experience Program	Network Switches Replacement for BH3	87
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Printers and High-end Scanners	88

Q2	Part of Enhancing End Users Computing Experience Program	Upgrade Exchange on- premises to Exchange 2019 in AWS	89
Q2	Provision of Motorola Systems DMR - Field Digital Canopy Improvement program	Provision of Motorola Systems DMR - Field Digital Canopy Improvement program	90
Q2	Provision of AV for OT (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of AV for OT (Part of IT/OT/Cloud Security Architecture and Governance)	91
Q2	Provision of RSA Acrher (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of RSA Acrher (Part of IT/OT/Cloud Security Architecture and Governance)	92
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Additional Storage Shelves for BH2 and BH3	93
Q2	TIBCO Spotfire Software Support and Maintenance Renewal	TIBCO Spotfire Software Support and Maintenance Renewal	94
Q2	Part of Enhancing End Users Computing Experience Program	Provision of IP Phones & Call accounting replacement	95
Q2	Part of Enhancing End Users Computing Experience Program	Provisioning of Ansible Solution Linux Configuration with Implementation	96
Q2	Provision of NAC for OT (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of NAC for OT (Part of IT/OT/Cloud Security Architecture and Governance)	97
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Foxit Licenses	98
Q2	Provision of Cloud Access Security Broker (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of Cloud Access Security Broker (Part of IT/OT/Cloud Security Architecture and Governance)	99
Q2	Provision of Cloud Visibility & Threat Protection (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of Cloud Visibility & Threat Protection (Part of IT/OT/Cloud Security Architecture and Governance)	100
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Network Bandwidth Monitoring System	101
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Active directory Audit Solution	102
Q2	Part of Enhancing End Users Computing Experience Program	Provision of AWS Migration	103
Q2	Provision of Data classification (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of Data classification (Part of IT/OT/Cloud Security Architecture and Governance)	104
Q2	Provision of Proxy Cloud (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of Proxy Cloud (Part of IT/OT/Cloud Security Architecture and Governance)	105
Q2	Provision of Data Base Activity Monitoring (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of Data Base Activity Monitoring (Part of IT/OT/Cloud Security Architecture and Governance)	106
Q2	Part of Enhancing End Users Computing Experience Program	Purchase of Security Hardware for DR Sites & Additional HP Synergy Nodes	107
Q2	Part of Enhancing End Users Computing Experience Program	Provision of TVs with Stands	108
Q2	Part of Enhancing End Users Computing Experience Program	Provision of Network Monitoring and Automation System for BH2	109
Q2	Part of Enhancing End Users Computing Experience Program	R Admin Licenses	110
Q2	Part of Enhancing End Users Computing Experience Program	Provision of DLO Upgrade	111

Q2	Part of Enhancing End Users Computing Experience Program	Provision of Linux Image - USB	112
Q2	Provision of SAP Program (Part of IT/OT/Cloud Security Architecture and Governance)	Provision of SAP Program (Part of IT/OT/Cloud Security Architecture and Governance)	113
Q4	Two Years Contract for Provision of Courier Service	Two Years Contract for Provision of Courier Service	114
Q2	Five Years LTPA for Supply of Generic PipeLine	Five Years LTPA for Supply of Generic PipeLine	115
Q2	Five Years LTPA for Supply of Pressure Gauges	Five Years LTPA for Supply of Pressure Gauges	116
Q3	Five Years LTPA for Supply of Flowserv Pumps	Five Years LTPA for Supply of Flowserv Pumps	117
Q2	Five Years LTPA for Supply of Generic Instruments Items	Five Years LTPA for Supply of Generic Instruments Items	118
Q2	Five Years LTPA for Supply of General Fisher Items	Five Years LTPA for Supply of General Fisher Items	119
Q4	Five Years LTPA for Supply of Casing & Tubing	Five Years LTPA for Supply of OCTG	120
Q4	Five Years LTPA for Supply of Gas Wellhead	Five Years LTPA for Supply of Gas Wellhead	121
Q3	Five Years LTPA for Supply of RMU (Electrical)	Five Years LTPA for Supply of RMU (Electrical)	122
Q2	Five Years LTPA for Supply of Light Fixtures, Air-conditions, LCS Switches (Electrical)	Five Years LTPA for Supply of Light Fixtures, Air-conditions, LCS Switches (Electrical)	123
Q2	Three Years LTPA for Supply of Generic Batteries	Three Years LTPA for Supply of Generic Batteries	124
Q2	Five Years LTPA for Supply of Power Distribution Boards, Lighting Panels (Electrical)	Five Years LTPA for Supply of Power Distribution Boards, Lighting Panels (Electrical)	125
Q3	Scrap Sale Auction 2022 - Mixed Scrap Metal, Wooden Pallets, Mixed Wooden Scrap, Plastic Scrap, Fiber Glass Scrap	Scrap Sale Auction 2023	126

ثانياً: خطة التأهيل المسبق

موعد الطرح التقريبي Expected Release Date	وصف التأهيل Prequalification Description	موضوع التأهيل Prequalification Subject	الرقم No.
Q2	<ul style="list-style-type: none"> Metering Control System, Flow & Prover Computers, Station/ Supervisory Computers Flowmeters for Liquid & Gas Custody Transfer Pipe Prover with Piston Displacer, Compact prover 	Custody Transfer Metering	1

Q2	<ul style="list-style-type: none"> • Programmable Logic Controller (PLC / ESD / F&G)-Safety PLC (ESD, FGS), TUV Certified SIL Rated • Distributed Control System [DCS] & Human Machine Interface (HMI) Software • SCADA System & Software • System Integration (F&G / ESD / PLC) • Alarm Management System • System Equipment / Accessories • Terminal blocks / Power Supplies / UPS / DC Power Supply (Field mounted & Indoor) • Intrinsic Safety Barrier/ Isolators/ trip amplifier/ converter • System/Marshalling Cabinets/Outdoor Cabinets • Interposing/electromagnetic relays / Relay: 3 way pneumatic cut off / SIL Certified Safety Relay • Pushbuttons, key switches, indicators, Pushbutton stations • Workstation / Laptops • Server 	Control, Monitoring & Shutdown Systems (Joint exercise with Automation)	2
Q2	<ul style="list-style-type: none"> • Vibration Displacement Monitors (Proximity) • Vibration Accelerometers/ Velocity Monitors 	Vibration Monitoring System / Machinery Monitoring System	3
Q3	Continuous Emission Monitoring System (CEMS)	Continuous Emission Monitoring System (CEMS)	4
Q3	Air Quality Monitoring System	Air Quality Monitoring System	5
Q3	<ul style="list-style-type: none"> • Telecommunication (By Telecom Group) • Fiber Optic Cable • CCTV (CLOSE CIRCUIT TV) • Public Address Systems • Telecom Integrators • Ethernet Devices/Network Management (NMS) • Telecom Cabinet • IP Telephones / Call Managers / Pabx • Fence Intrusion Detection Systems 	Telecommunication	6
Q3	<ul style="list-style-type: none"> • Pressure and Differential Pressure (DP Level, DP flow) Transmitter (with & w/o Diaphragm Seal) • Temperature Transmitter with Thermocouple / RTD, thermowell and accessories • Multivariable Transmitter • Loop powered local Indicator 	Electronic Transmitters	7

Q2	<ul style="list-style-type: none"> • Pressure and Differential Pressure (DP Level, DP flow) Transmitter (with & w/o Diaphragm Seal) • Temperature Transmitter with Thermocouple / RTD, thermowell and accessories • Multivariable Transmitter • Level Instruments • Limit Switches 	Electronic Transmitters (Wireless)	8
Q3	<ul style="list-style-type: none"> • Pressure and Differential Pressure Gauge (with & w/o Diaphragm Seal) • Temperature Gauge 	Gauges (Pressure & Temperature)	9
Q3	<ul style="list-style-type: none"> • Pressure and Differential Pressure Switches (with & w/o Diaphragm Seal) • Temperature Switches • Level Switch - Float Type & Tuning Fork • Flow Switches • Differential pressure switch (Pneumatic) 	Process Switches	10
Q4	<ul style="list-style-type: none"> • Electronic controllers, indicators (Field mounted/Safe Area), Local Control Stations • Pressure shutdown controller (Hi-Low and differential pilot switch) • Control / Instrumentation Transformers 	Miscellaneous	11
Q3	<ul style="list-style-type: none"> • Junction Boxes • Instrument Tubing • Instrument Fittings • Instrument Valves, Manifolds & Monoflanges • Instrument Housing / Sunshades • Multiple Cable Transit (MCT) 	Instrument Bulk Material	12
Q2	BUILDING FIRE ALARM PANEL (Smoke Detectors, Heat Detectors, Sounders, Manual call points, Push Buttons, Beacons, etc.)	Instrument Cables	13
Q3	Ropes •Polypropylene , •Manila , Nylon ,Polyester & Kevlar	Ropes, Manila and Nylon	14
Q3	Flexible hoses and accessories - Stainless Steel and Hose Fittings	Flexible hoses and accessories	15
Q1	Field test for Water Clarifier for treating separated water	Water Clarifier	16

Q1	Field test for Scale Inhibition in the Khuff wells by Scale inhibitor Down Hole Squeeze Program at selected two wells	Corrosion & Scale Inhibitor	17
Q2	Lab test for Biocide/FeS dissolver	Biocide/FeS Dissolver	18
Q2	Field test for Demulsifier for Heavy oil/slop oil injected at manifolds	Demulsifier for Slop & Heavy Oil	19
Q2	Electronic Transmitters	Electronic Transmitters	20
Q2	Electronic Transmitters (Wireless)	Electronic Transmitters (Wireless)	21
Q3	Process Switches	Process Switches	22
Q1	LED Light Fittings (Industrial Type) LED Light Fittings (Commercial Type) LED Light Fittings For Hazardous Area Aircraft Warning Light Fittings	Lighting Fixtures	23
Q1	Lighting Poles (suitable for wind condition – 3 minimum)	Lighting Poles (suitable for wind condition – 3 minimum)	24
Q1	Switches (Industrial Use – Metal clad) Modular type switches (White plastic) Welding Socket Outlets Convenience Switched Socket Outlets Junction Boxes For Hazardous Area Junction Boxes - Non-Metallic Switch - Socket outlet (Industrial Use – Metal clad) Switch – Socket Outlet (White plastic) Photocells (for outdoor application) Floor Boxes	Wiring Accessories	25
Q1	Relay Control Panel Push Button Stations for Hazardous area Local Control Stations (LCS) for Hazardous area Push Button Stations for safe area Local Control Stations (LCS) for safe area	Control Stations	26
Q2	Termination Kit: High Voltage Cable (Indoor and Outdoor) Cable Glands - Double compression type Cable Glands - EX. Rated PVC Shrouds Cable Lugs -(Copper only) High voltage cable joints up to 33 KV Low Voltage Cable Joints	Cable joints and Terminations	27
Q2	33 KV AND 11 KV Ring Main Units (RMU - Outdoor) 33 KV , HV Switchgear Panel (Indoor) 11 KV, MV Switchgear Panel (Indoor)	HV & MV Switchgears	28
Q2	Oil Immersed type (Outdoor) Dry Type Transformers	Transformer Up To 33kV Voltage Range	29

Q2	Air Circuit Breakers, MCCB, MCB , RCD, RCBO Selector Switches Fuses Protection Relay Meters Current Transformer Voltage Transformer Indication lamps Push button Anti-condensation heater Timers Insulators Ammeter Voltmeter Multifunction meter Wiring accessories like terminal blocks, auxiliary contactor, door switch, panel	LV Switchgears and Switchgear Components	30
Q2	Emergency Diesel Generating Sets	Emergency Diesel Generating Sets	31
Q2	Earthing Materials	Earthing Materials	32
Q2	Lightning Protection System Materials	Lightning Protection System Materials	33
Q2	AC UPS DC UPS Batteries	UPS Systems	34
Q2	High Voltage Motors Low Voltage Motors	Motors	35
Q2	Cable Trays and Cable Ladders Heavy Duty GI Metal Cable Trunking – Heavy Duty GI Metal Cable ties PVC Trunking PVC Conduits GI Conduits	Cable trays and Conduits	36
Q3	HV/ MV Cables upto 33 kV LV Power cable DC Cables Control Cables Earthing Cables (bare and insulated type)	Cables	37
Q3	Wooden Pole Surge Arrestor Load break switch Line Isolators Insulators 11/33 kV ACSR Conductor 11/33 kV Line Hardware 11/33 kV Termination Kit Cable Lugs Pine	OHL System	38
Q3	Cathodic Protection Rectifiers	Cathodic Protection Rectifiers	39

Q3	Electrical Heat Tracing System	Electrical Heat Tracing System	40
Q3	Split a.c unit Ducted split a.c units Central air conditioning units FAHU Air Curtain Fire Damper Refrigerant pipe Refrigerant pipe insulation Flexible duct connector Thermal insulation roll Aluminium cladding Volume controlled damper Acoustic liner GI sheet Thermal insulation slab Air terminals Sealfas Sealant Adhesives	HVAC System	41
Q4	Analogue addressable type Conventional Fire alarm panel Addressable type Fire alarm devices Conventional type Fire alarm devices Fire resistant (FP 200 Gold) Cable. NOVAC gas protection	Building Fire Alarm System	42
Q4	Solar PV panels (Tier -1) Solar Invertors Photovoltaic Module connectors	Solar Power Systems	43
Q4	Neutral Earthing Resistors	Neutral Earthing Resistors	44

The abovementioned initial procurement plan is subject to changes or amendments from time to time without a need to publish a notification thereto, and it should not be interpreted as a call for tender, auctions, purchases or sales intended to be processed under this plan is subject to obtain all necessary approvals and in accordance with the tendering procedure mentioned in the Law Regulating Government Tenders, Auctions, Purchases and Sales. Changes or amendments to this initial procurement plan shall not result in or cause civil or any other liability towards the Tender Board or the Purchasing Authorities.

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