

Services Sourcing Requirements 2024

IK-00K LSTK Specialties General Bid Slate (PM, Marine and CMS)

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IK-OOK LSTK SPECIALTIES

1. Oil & Gas Processing Plants

Engineering, Procurement, and Construction (EPC) contractors who have EPC experience in Oil & Gas Processing Plants which include but not limited to, Gas & Oil Separation Plants (GOSP), NGL fractionation Plants, Gas Processing Facilities, etc. Contractor must have in-house detail engineering capabilities.

2. Refinery Plants

Engineering, Procurement, and Construction (EPC) contractors who have EPC experience in Refinery plants which include but not limited to, Oil refineries plants which include but not limited to crude and vacuum distillation units, naphtha hydro-treating, fluid catalytic crackers and hydrocracking, hydro-treating, sulfur recovery, etc. Contractor must have in-house detail engineering capabilities.

3. Petrochemical Plants

Engineering, Procurement, and Construction (EPC) contractors who have EPC experience in Petrochemicals plants which include but not limited to, Mixed Feed Steam Cracker, Benzene, Butadiene, Ethylene, Polyethylene, Polypropylene, Propylene, Toluene, etc. Contractor must have in-house detail engineering capabilities.

4. Carbon Capture Utilization & Sequestration Projects

Engineering, Procurement, and Construction (EPC) contractors who have experience in CO2 capture & sequestration, dehydration, compression facilities and transportation projects. Contractor must have in-house engineering capabilities.

GENERAL BID SLATE (GBS) CONSTRUCTION CONTRACTORS

1. Civil Infra & Underground Utilities

Construction contractors who are experienced in the construction of:

1. Highways and city roads, bridges and tunnels.
2. Underground Utilities: Underground piping and electrical utilities, district cooling plant, storm water construction, drilling water wells, and water and sanitary sewer distribution and drainage underground systems.
3. Fire protection systems including fire station.

2. In-Plant Work

Construction contractors who are experienced in construction of oil & gas processing plants their upgrade & revamp, refinery plants, petrochemical plants, plant utilities (water, nitrogen, air, and steam), power generation and bulk plants & storage tanks.

Contractor must have work experience in hydrocarbon facilities.

3. Onshore Pipeline

Contractors who are experienced in construction of, Cross Country Hydrocarbon Pipelines and all associated pipelines earth-work and right-of-way, Water Injection Pipelines and all associated earth-work and right-of-way. Additionally, they should have experience in Well Site Trunk Lines and Flow-lines to Gas-Oil Separation Plants (GOSP), and all associated pipelines earth-work and right-of-way, Oil & Gas pump stations.

Furthermore, contractor must have work experience in hydrocarbon pipeline.

4. Site Preparation & Temporary Facilities

Construction contractors who are experienced in;

1. Site preparation: Clearing & grubbing, rough grading, leveling and compaction.
2. Landscaping (hard & soft): Paved areas such as streets & sidewalks, traffic circle, driveways, retaining walls and soft-scape which includes grass, plants, trees, flower beds, etc. along with installation of water sprinkler and irrigation/drainage and systems.
3. Temporary Facilities: Temporary access roads, storm drainage system. Temporary security fences and gates and Temporary Camps: portable housing, kitchens and utilities, water supply and treatment system, fire water, temporary fire station, lighting, first aid utilities and all other support facilities required in temporary facilities intended for projects under construction.

5. Electrical Work

Construction contractors who are experienced in construction of electrical substations, power distribution grids, installation of transformers and circuit breakers/ switchgear, and all associated instrumentation and interconnections.

6. Offshore Facilities

Contractors who are experienced in construction of New and upgrade of existing offshore jackets and platforms (production, tie-in, accommodation) and major hook-up works (DCS, SCADA, multi-phase flow meters, permanent down hole monitoring facilities, fire protection and flaring systems, New or upgrade subsea pipelines. Additionally, contractors should have experience in Power subsea cables (including HV and umbilical cables).

7. Water Treatment

Construction contractors who are experienced in water treatment plants and distribution systems including the installation of new, and the expansion of existing systems.

The Work, generally required In-Plant, as well as outside Aramco facilities, including for community projects, will mainly consist of treatment facilities for water generated upstream, such as secondary and tertiary oil recovery water, or by downstream facilities which includes water, such as sour water, cooling water, oily water, raw and storm water, generated by process units, as well as treatment of ground water within a facility and as required for residential areas.

8. Security Systems Integration

Construction contractors who are experienced in Security Systems Integration which include Long Range Detection and Assessment System (LRDAS), Security Access Control System (SACS), Radio-frequency identification (RFID), Plate Recognition System (PRS) work and Intrusion Detection & Assessment System (IDAS) work that includes Microwave Intrusion Detection System (MIDS), CCTV System, Fiber Optic Fence Sensing System (FOFSS).

9. Process Control Systems Integration (PCS)

Construction contractors who are experienced in new, upgrade or expand existing Process Control Systems whose scope contains Distributed Control Systems (DCS), Supervisory Control and Data Acquisition System (SCADA), Process Automation Systems (PAS), Emergency Shutdown System (ESD), Vibration Monitoring System (VMS), Remote Terminal Unit (RTU). Additionally, contractors should have experience in installation of system cabinet, marshalling, network or server cabinets, Consoles and/or operator/ engineering workstations or servers. Installation and termination of instrument cables from System cabinets to marshalling cabinets and PAS system cables.

10. Communication work - Inside Plant (ISP)

Construction contractors who are experienced in Communication Inside-Plant (ISP), Transmission, data network, telephone switching & related equipment, Fiber optic inside plant, transmission systems, Data Communication systems and Radio Systems, Remote Terminal Units (RTU), SCADA Systems, OTN. Additionally, they should have experience in Equipment rack, cable tray, copper & fiber cables, grounding, conduits, patch cords, information outlets (I/O) cable termination, labeling and cable testing.

11. Communication work - Outside (OSP)

Construction contractors who are experienced in construction of outside plant (OSP), which includes fiber optic cables and copper cables, concrete encased conduits, direct buried conduits/cables and Manholes, terminals, cable marker, grounding, tagging, cable splicing & testing and associated earth work with all necessary facilities fittings, equipment, and services for the full and successful completion of the work.

12. Communication Systems Integration

Construction contractors who are experienced in Communication Systems Integration which includes data network and transmission, telephone switching, uninterruptable power supply (UPS), remote terminal unit (RTU) and radio installations and equipment.

GENERAL BID SLATE (GBS) MARINE DEPARTMENT

1. Marine Chartered Vessels

Marine Chartered Vessels work includes providing offshore support vessels/jack-up barges on a full charter basis to support Saudi Aramco's offshore operations such as drilling and workover, platform maintenance, field and well services, export, projects and other offshore activities in Saudi Aramco operating areas on a 24 hour, 7 days per week basis.

2. Ship Management

Ship Management services includes, to provide Crew Management, Catering, Crew Training, Technical Management, Engineering Design Services in Saudi Aramco operating areas on a 24 hour/seven days per week basis.

3. Diving Support Services

Diving Support Services (DSS) QSL provides prequalified companies that ensure pipelines and other subsea infrastructure are safe and up to standard operating conditions through performing inspections, maintenance and carrying out emergency repair services supporting Saudi Aramco's hundreds of kilometers of subsea infrastructure and offshore structures, including tanker loading facilities, piers and harbors. These companies are capable of providing specialized DSS, complete with Diving Support Vessels (DSVs), equipment and personnel, and shore-based diving teams and equipment to carry out DSS scope.

GENERAL BID SLATE (GBS) CORPORATE MAINTENANCE SERVICES

Corporate Maintenance GBSs

1. Insulation services
2. Coating and blasting
3. Hydrojetting and Vacuum tanker services
4. Heat exchanger repair GBS
5. Heat treatment services
6. Civil Maintenance
7. Industrial mechanical
8. Tank cleaning
9. Catalyst Handling Services