



GLOBAL TENDER
(UNDER INTERNATIONAL COMPETITIVE BIDDING)
for SEISMIC, DRILLING, DEVELOPMENT & PRODUCTION ACTIVITIES
Ref No.: FOCUS/ICB/2017/01

Focus Energy Limited, as an Operator and Contactor and on behalf of its JV partners invite Tenders under the procedure of International Competitive Bidding from reputed and experienced International/ Domestic Suppliers/ Service Providers for following Services/ Equipment/ Material in the Onshore Block: RJ-ON/6 in Rajasthan, India:

CATEGORY-1: DEVELOPMENT/PRODUCTION INCLUDING PIPELINES:

1.1: Gas Processing Plant Equipment, Tools, Accessories and Spares incl. but not limited to Amine (Co2 Plant) and Dehydration Units, Compressors, Gas Turbines, Hydrocarbon Dew points, SCADA, Manifolds, Transformer, HT/LT Electrical Panel, DG Sets, Fire Tenders, HP/LP Separator, Filters Separators, Condensate/Diesel/Water storage Tankers etc.

1.2: Instrumentation Material

1.3: Pipes, Pipeline, Pipeline Fitting & Valves and Other Items.

1.4: Electrical Items

1.5: Utilities and Consumables incl. Chemicals and **All** type Industrial Gases

CATEGORY-2: SEISMIC SURVEY & PROCESSING:

Land Seismic Survey Units/Services, Thumper, Vibroseis, Equipment, tools and accessories required for 2D, 3D, 3D HD Survey, Data Processing/Interpretation.

CATEGORY-3: DRILLING ACTIVITIES:

3.1: Land Drilling Rig Units/Services of 1000 HP/1500 HP/ 2000 HP with associated equipment, tools and accessories, Workover Rig Units/Services.

3.2: Cementing Units / Services. **3.3:** Open Hole Wireline Logging Units/ Services. **3.4:** Cased Hole Wireline Logging Units/ Services. **3.5:** Production Logging Tools (PLT)/ Services. **3.6:** Slick Line Equipment with high Temperature Memory Gauges/ Slick Line Services. **3.7:** Hydro Fracturing Equipment / Services (Stimulation) including Coil Tubing and Nitrogen Pumper etc. **3.8:** Mud Logging Units/Services. **3.9:** Mud Engineering Equipment / Solid Control Equipment /Services. **3.10:** Casing Running Equipment /Services. **3.11:** Gyro/ Flodrft Equipment/ Services

3.12: Directional Drilling Tools /Equipment/ MWD Tools/LWD Tools/ Services. **3.13:** Fishing Tools / Milling Tools / Services. **3.14:** Well Head Running Equipment / Services. **3.15:** Open and Cased Hole Drill Stem Testing (DST) Units/Services **3.16:** Drilling/ Cementing/ Wireline Logging/ Fracturing /Production Logging (PLT)/ Mud Logging/ Mud Engineering Equipment, Tools, Pipes and Accessories like Drill String (Drill Pipes, HWDP, Drill Collars, Wireline, Drill Bits, Bit-sub etc.) BOP, Wellheads & X-Mas Tree, Casing, Tubing, Cementing Pumps, Burner Boom, Silo, R.O. Plant, requisite vehicles to carry equipment and/ or any other tools, equipment or accessories required for onshore/ offshore drilling.

3.17: Chemicals: Chemicals required for Drilling, Cementing, Fracturing, Mud Chemicals, Xanthan Gum etc.

3.18: Consumables/ Utility: HSD, Lubricants, Engine Oil, Greases, Oil well Cement, Paints etc.

3.19: Power Generation: DG Sets, Spares and accessories for running & maintenance of gas operated Turbine of 65 MW, Electrical cables & fittings etc.

3.20: Lab & Testing: Oil field related Lab Equipment, Testing Equipment and Equipment related to Reservoir Engineering, G&G Equipment, DST, Wireline Logging etc.

3.21: Loading & Transportation: Cargo carrying vehicles, Trenchers, Excavators, Hydra, Cranes, Transit mixers, Water tankers, Diesel tankers, Passenger Buses & Passenger-cum cargo carrying small vehicles.

3.22: Fire Prevention & Fire Fighting: Smoke and Fire Detectors, Fire Alarm Systems, CO2, All types of Fire Extinguishers, Firefighting suits, Fire blankets, breathing apparatus, Smoke hoods, Emergency lights, Fire Axes, Hydrant points, Fixed monitors, Fire hoses etc.

3.23: Reservoir, G&G and Environment: - Studies, Modeling, Sampling and Software and Reports etc

CATEGORY-4: OTHER ITEMS: All types of Tools, Accessories, Stores, Spares & Consumables required for running, repairing or maintenance of oil and gas field related equipment.

NOTE: Domestic suppliers will qualify for Deemed Export Benefits under Para 7.02(f)(i) of FTP.

Interested bidders are requested to refer Tender section of our website www.focusenergy.co.in for detailed information. Also register yourself with relevant details at www.focusenergy.co.in/tender. Bidders are required to submit their Tender/ EOI in duplicate within 15 days of publication of this advertisement through courier at the following address. Envelop should be inscribed with applicable category & ref. no. as mentioned above.

FOCUS ENERGY LIMITED

Add: 2ND FLOOR, BSCPL BUILDING, PLOT NO.30, INSTITUTIONAL AREA, SECTOR-32, GURGAON-122001 (INDIA); Phone: +91 124 4385527/28; Email: eoil@focusoil.com, tenders@focusoil.in



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Focus Energy Limited, as an Operator and Contactor and on behalf of its JV partners invite Tenders under the procedure of International Competitive Bidding from reputed and experienced International/ Domestic Suppliers/ Service Providers for following Services/ Equipment/ Material required for our onshore Oil/ Gas Project at Block: RJ-ON/6 in Rajasthan, India:

Description

Catagary-1: PRODUCTION:

Catagary-1.1 - Gas Processing Plant Equipments:

- High Pressure & Low Pressure Three Phase Separators
- Single Phase And Two Phase Separators
- Natural Gas Liquid Separators
- Filter Separators and Cartridges
- Tri Ethylene Glycol Based Moisture Removal System (TEG Dehydration Unit), Membrane Based Moisture Removal
- CO2 Removal Plant – MDEA Based (Amine System)/Membrane Based
- Gas Dehydration Unit
- Condensate Tanks
- Amine Air Coolers
- Knock Out Drum/ Scrubbers
- Methanol Injection Skid
- Gas Boosting Compressors
- Production and Test Manifold
- Flare System/Stacks with Complete Accessories
- Dew Point Control Unit/ Hydrocarbon Dew Point Depression
- Condensate and LPG Recovery Unit
- Gas Liquefaction Plant/LNG Plant/Cryogenic Plant
- CO2 Purification Plant
- Mercury/Nitrogen/ Mercaptan Rejection/Removal Units
- Sulphur / Sulfur Recovery Units
- Gas Metering Skid/Meter Runs for Natural Gas, Water and Condensate
- Basket Strainers

Catagary-1.2 - Instrumentation Material

- SCADA/PLC/DCS Control System
- Instrumentation: Pressure Transmitters, Level Transmitters, Temperature Transmitter, Instrumentation Cables, Junction Boxes, Gauges Etc.
- Control Valves – Pressure Reducing Valves, Flow Control Valves, Level Control Valves, Motorizes Valves, Gear Operated Valves, Actuator Based Valves
- Gas Analyzers: Methane Detectors, Online Sulphur Analyzer, Dew Point Analyzer/Hydrocarbon Dewpoint Analyzer, Co2 Analyzer, Water Dewpoint Analyzer

Catagary-1.3 - Pipeline Material

- Seamless Pipes, Line Pipe and Pipe Fitting Material (CS/SS/Alloy Steel)
- Pipe Fittings: Flanges, Gaskets, Stud & Nuts, Block& Bleed Valves, Ball Valves (CS/SS/Alloy Steel)
- Methanol Injection Quill
- Insulation Joint
- Strainers
- Cathodic Protection And Pipe Pigging Items , Pipe Coating Material
- Valves – Ball Valve, Globe Valve, Gate Valve, Check Valve (NRV), Choke Valves

Catagary-1.4 - Electrical Items

- Diesel Generators Range Of 100kva To 3000kva With 415V/3.3 KV/11 KV
- Gas Turbine With Capacity From 5MW to 20 MW
- Soft Starters, Variable Frequency Drives From 415V, 3.3KV, 6.6KV and 11KV
- Transformers: 11KV/3.3 KV , 11KV/415 , 3.3 KV/415V Oil Type Transformers
- HT Panels: 11 KV, 3.3 KV Panels
- LT Panels: 415 Volts Panel
- Circuit Breakers: 11 KV 3.3 KV, 415 Volts
- Bus Couplers: 11 KV, 3.3 KV, 415 Volts
- Bus Bars: 11 KV Bus Bar, 3.3 KV Bus Bars
- Capacitor Bank: 300 KVR / 500 KVR Capacitor Banks
- Automatic Synchronization Panels, OEM Supply of Synchronization Panel for DG Sets

Catagary-1.5 - Utilities and Consumables

- Pumps and Motors: for Oil /Crude Transfer Pumps, Methanol Injection Pumps, Screw/ Gear/Plunger Pumps/Chemical Pumps/Booster Pumps
- Air Compressor: Reciprocating Compressor with 10 Bar Pressure, 1 To 10 M3/Hr Capacity.
- Thermic Fluid Heaters/Gas Fired Heaters
- Boiler from 10 to 40 Ton Capacity, Waste Heat Recovery Unit From 10 to 40 Ton Capacity
- Nitrogen Purification/Generation Plant
- Industrial Gas: Propane, Co2, Helium, Argon, Oxygen ,Nitrogen, Hydrogen and High purity calibration gases
- Air Receiver Tank: Buffer Tank With Capacity of 1m3/Hr. Air Receiver+ Dryer + Pre-Filters
- All Kind of Filters for Turbines: Combustion Air Filter, Package Filters, Oil Filters, Gas Filter.
- Heat Exchangers – Air Cooled/Water Cooled
- Turbine and DG Set Exhaust System: Exhaust Duct, Diverter Damper, Stack & Structural Supports.
- Consumables for Turbine, DG Set Auxiliaries, Maintenance Spares as Per OEM Recommendation.
- Electrical Cables: All Kind Of HT/LT Cables, Control Cables.
- Electrical Motors: Process Industry Electrical Motor, 3 Phase Ac, 10 Hp to 500 Hp.
- Security and Fire Fighting System & Facilities with Accessories:- Wet System Contains Pumps, Hydrants, Hoses, Boom Carrier, Automatic Door and Metal Detector, Fencing.
- Structure Steel, Beam, Plate , Angle, Steel Sheet, Etc.
- Control Panels, Extinguisher, Sprinkles, Fire Pumps.
- Water Supply and Sewage System: Drinking Water, Cooling Tower Make Up Water, FF System, Ro Plant
- Storage Tanks & Vessel, Diesel Storage, Water Storage, Oil Storage.
- Chemicals Like Glycol, Methanol, Thermic Fluid, MDEA, TEG, Therminol 55,Dowtherm, Antifoams, Activated Carbon.
- Pollution Control Measures: Nox Measurement in Exhaust.
- Cooling Towers: 100 To 2000tr
- HVAC Equipment's: Ventilation For Electrical Room, Cable Trench, Control Room as per Standards
- RCC Foundation For GGS Plant, Foundation
- Utilities: Storage Tanks & Vessel, Diesel Storage, Water Storage, Oil Storage

Catagary-2 - Seismic Survey & Processing:

Land Seismic Survey Units/Services,
Thumper,
Vibroseis,
Equipment, tools and accessories required for Onshore 2D, 3D, 3D HD Survey,
Data Processing/ Interpretation.

CATEGORY-3: DRILLING ACTIVITIES (ONSHORE):

3.1: Land Drilling Rig Units/Services:

1000 HP/1500 HP/ 2000 HP Rig with complete assemblies, associated equipment, tools and accessories to drill up to 4500 meter well with 10,000 Psi BOP

Workover Rig Units/Services:

750 HP to 1000 HP mobile unit with mud system and surface BOP, to do work over job on 3,500 Meter and 4500 Meter wells with surface BOP system of 5000 Psi.

3.2: Cementing Units / Services:

Twin pump of 10000 Psi, Unit with batch mixer and 60 tons x 4 cementing silos and 2 mobile silos.

3.3: Open Hole Wireline Logging Units/ Services:

To log 4,500 meter high temperature well, rated 175°C

3.4: Cased Hole Wireline Logging Units/ Services:

To log 4,500 meter high temperature well, rated 175°C

3.5: Production Logging Tools (PLT)/ Services:

for cased hole CBL/ VDL/ Gamma ray, Perforation CCL, Tubing Puncture, Back off tools, Down-hole camera, High temperature tools for 175°C

3.6: Slick Line Equipment/ Services:

Slick line truck with down hole capacity up to 5000 meters with high Temperature Memory Gauge with 20,000 Psi x 200°C and surface equipment of 10,000 Psi.

3.7: Hydro Fracturing Equipment / Services (Stimulation) including Coil Tubing and Nitrogen Pumper etc.

- * Cable of pumping up to 20,000 psi with 100 BBL Pump rate.
- * Pump of 2250 HP x 15000 Psi – 15 Nos. &
- * Pump of 2250 HP x 20000 Psi – 3 Nos.
- * Blender of 100 BBL/minute PPG sand conc.
- * Hydrogen Unit of 200 BBL Capacity
- * Sand Chief: 200 ton x 4 Nos.
- * Multi Sander to connect 4 sand kings
- * Nitrogen Pumper of 10000 Psi.
- * Coil Tubing Unit: 1.75" OD coil, 5000 meters, 10000 Psi with quad BOP
- * Frac Tanks: 30 Nos. of 500 Bbl capacity each
- * 3" Frac Iron with 15000 Psi & 20000 Psi rated.
- * 2" Frac Iron with 15000 Psi & 20000 Psi rated.
- * Data Van: to connect 18-24 pumps & with online data acquisition
- * Frac Missile: to hook up 12 Frac pumps with 15000 psi rating

3.8: Mud Logging Units/Services:

Unit with complete drilling software and real time monitoring, including on line gas chromatography.

3.9: Mud Engineering Equipment / Solid Control Equipment /Services**3.10: Casing Running Equipment /Services:**

Equipment to run surface casing of 20", 13-3/8", 9-5/8", 7" and 5-1/2"

3.11: Gyro/ Flodrft Equipment/ Services:

Equipment with surface system to monitor well deviation, good for 175°C, hole size 12-1/4", 8-1/2" and 6"

3.12: Directional Drilling Tools /Equipment/ MWD Tools/LWD Tools/ Services:

Equipment to drill horizontal well: mud motors, Non-magnetic drill collars, MWD tools, surface equipment, fishing tools and LWD tools etc.

3.13: Fishing Tools / Milling Tools / Services.

3.14: Well Head Running Equipment / Services:

Wellhead installation equipment and service for 9-5/8" x 7" x 5-1/2". Wellhead x 10000 Psi x 15000 Psi x 20000 Psi, including X-masTree.

3.15: Open and Cased Hole Drill Stem Testing (DST) Equipment/Services

3.16: Drilling/ Cementing/ Wireline Logging/ Fracturing /Production Logging (PLT)/ Mud Logging/ Mud Engineering Equipment, Tools, Pipes and Accessories like:

Drill String (Drill Pipes, HWDP, Drill Collars, Wireline, Drill Bits, Bit-sub etc.)
BOP, Wellheads & X-Mas Tree,
Casing, Tubing,
Cementing Pumps, Burner Boom, Silo,
R.O. Plant,
Requisite vehicles to carry equipment and/ or
Any other tools, equipment or accessories required for onshore drilling.

3.17: Chemicals:

Chemicals required for Drilling, Cementing, Fracturing,
Mud Chemicals, Polymers for water based mud system,
Proppant, Xanthan Gum etc.

3.18: Consumables/ Utility:

High Speed Diesel,
Lubricants,
Engine Oil and other lubricants, Greases etc.
Oil well Cement,
Paints etc.

3.19: Power Generation:

DG Sets of 100 KVA to 1000 KVA,
Spares and accessories for running & maintenance of gas operated Turbine of 65 MW,
Electrical cables & electrical fittings etc.

3.20: Lab & Testing:

Oil field related Lab Equipment, Testing Equipment and Equipment related to Reservoir Engineering,
G&G Equipment, DST, Wireline Logging, Geological Equipment etc.

3.21: Loading & Transportation:

Trucks, Prime Movers & Trailors etc.,
Trenchers and/ or Excavators, Dumpers etc.
Hydra and/ or Cranes of 30 ton to 100 ton capacity,
Poclairn Cranes,
Transit mixers,
Tractor with trolley,
Water tankers,
Diesel tankers,
Passenger Buses
Passenger-cum cargo carrying small vehicles,
Cargo carrying vehicles

3.22: Fire Prevention & Fire Fighting:

Smoke and Fire Detectors,
Fire Alarm Systems,
All types of fire Extinguishers like CO2 Fire Extinguishers, Dry Chemical Fire Extinguishers,
Foam Fire Extinguishers (Portable and fixed).
Firefighting suits, Fire blankets etc.,
Breathing apparatus for fire fighting,

Smoke hoods, Emergency lights, Fire Axes, Hydrant points, Fixed monitors, Fire hoses etc.

3.23: Reservoir, G&G and Environment:

Studies, Modeling, Sampling and Software and Reports etc.

Catagary-4 - Other Items:

All types of Tools, Accessories, Stores, Spares & consumables required for running, repairing or maintenance of oil field related equipment.

Interested parties are requested to submit the Tender/ required documents/ information within 15 days of publication of advertisement at the address for communication mentioned below by courier. Also register yourself with relevant details at www.focusenergy.co.in/tender.

Following documents/ information should be immediately provided:

- * Company profile and relevant experience
- * Details of manufacturing facilities, equipment owned and personnel
- * Details of equipment assurance control system, HSE Plans & systems.
- * Details of financial performance including Balance Sheet & Profit & Loss Account for last three years.

The envelop must be super scribed as per the applicable category & reference number as mentioned above

Address for communication:

FOCUS ENERGY LIMITED
2ND FLOOR, BSCPL BUILDING,
PLOT NO.30, INSTITUTIONAL AREA,
SECTOR-32, GURGAON-122001 (INDIA);
Phone: +91 124 4385527/28;
Email: tenders@focusoil.in