

Request for Information



About Us

We are an owner/operator and EPCI (Engineering, Procurement, Construction, and Installation) general contractor of floating production systems including Floating Production Storage and Offloading (FPSO) units, Floating Storage and Offloading (FSO) units, FLNGs, Tension Leg Platforms (TLPs), SemiSubmersibles, Mooring Systems and new technologies which will meet the challenges of gas production floaters.

Reference Name

HPU System Maintenance Services

Scope of Work

MODEC Guyana Inc. is seeking to identify qualified and experienced SUBCONTRACTORS capable of providing maintenance, technical support, and operational reliability services for Hydraulic Power Units (HPUs) installed onboard FPSO units. The SUBCONTRACTOR shall be responsible for providing qualified personnel, specialized tools, consumables, and technical expertise to ensure safe, reliable, and efficient operation of all HPU systems across topside, hull, and subsea applications. Services will be executed offshore onboard FPSO facilities, with onshore support for overhaul, repair, and refurbishment activities.

Scope Includes (but is not limited to):

Technical Support

- Monitoring HPU system performance and operating parameters
- Diagnostics and troubleshooting of hydraulic systems
- Analysis of operational and condition monitoring data
- Recommendations for performance optimization and reliability improvements
- Remote technical support and advisory services

Preventive & Predictive Maintenance

- Execution of routine maintenance per OEM and COMPANY procedures
- Periodic inspections and condition monitoring, including:
 - Pressure and flow verification
 - Oil cleanliness (NAS standards)
 - Vibration and temperature monitoring
 - Accumulator and pump performance checks
 - Inspection of seals, filters, valves, and actuators
 - Maintenance of hydraulic fluid systems (filtration, flushing, contamination control)
 - Updating maintenance systems and reporting

Corrective Maintenance

Troubleshooting and repair of system failures such as:

- Pressure drops or instability
- Pump or motor failures
- Leakage and seal failures
- Overheating or contamination issues
- Replacement of defective components
- Root cause analysis and failure reporting

Major Overhaul & Workshop Services

- Complete overhaul of hydraulic pumps and HPU components

Notes

- This is not a request for quote.
- Submission of an EOI is not and shall not be deemed as MODEC's commitment to enter into any agreement with any Potential Supplier.

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- Alignment, balancing, and assembly of rotating components
- Repair/replacement of bearings, seals, and wear parts
- Cleaning, flushing, and system restoration
- Performance testing and certification
- Issuance of “as-found” and “as-left” reports

Specialized HPU Systems Coverage

SUBCONTRACTOR shall support maintenance of all HPU systems including:

- Cargo/Ballast Deepwell Pump HPUs
- Valve Control HPUs
- Forward and Aft Mooring/Offloading HPUs
- Subsea HPUs (high-pressure systems up to 690 bar)
- Riser Pull-in Winch HPUs

Requirements

- Proven experience in maintenance of Hydraulic Power Units in offshore environments
- Capability to maintain high-pressure hydraulic systems (up to 690 bar)
- Experience with electro-hydraulic systems and control systems
- Compliance with applicable international standards (ISO, API, OEM requirements)
- Capability for both offshore and onshore service execution
- Ability to provide condition-based monitoring and predictive maintenance

Instructions

1. Potential Supplier who wishes to participate are required to proceed to MODEC vendor portal and reply our official RFI questionnaire on the following [link](#).
2. In order to reply the questions and formalize the EOI, the vendor needs to have its pre-registration done on the MODEC’s Vendor Portal if this is the first access. If needed: www.modec.com/gysuppliers
3. Once pre-registration is completed, the vendor shall proceed to RFI wall as per the address mentioned on step 1, and then after a validation on the Tax Id reference and email (used for the pre-registration) the form will be opened, and answers will be accepted.
4. Vendor shall receive a confirmation when EOI is submitted.
5. Vendor shall monitor email notifications with updates about MODEC Guyana Inc evaluation for the EOI’s received and applicable shortlisting for competitive process.
6. Please submit your final response with RFI form/EOI no later than 5/13/2026.

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