



HARDY EXPLORATION & PRODUCTION (INDIA) INC

EXPRESSION OF INTEREST

UNDER INTERNATIONAL COMPETITIVE BIDDING

Hardy Exploration & Production India Inc. (HEPI), on behalf of its Joint Venture Partners namely ONGC, HOEC, TPL, and itself as Operator, invites reputed offshore contractors to prequalify for providing following equipment/services for the Petroleum Operations in the PY-3 Field, Block CY-OS-90/1 located in Cauvery Basin East Coast of India:

- 1. Custom, Naval Clearances, Port Operation & Management Services in Tamil Nadu.**
- 2. FPSO hook-up and commissioning related third party Services.**
- 3. Work Class ROV and Saturation Diving Services.**
- 4. Engineering and Laying of Flexible Flowlines & Umbilicals.**
- 5. Design, Fabrication and Installation of Subsea Distribution Unit & subsea Pipe Line End Manifold (PLEM).**

The interested parties shall be required to meet the following pre-qualification criteria:

- Three years successful experience of supply, installation & commissioning for Offshore Operators/International Oil Companies (IOCs)/National Oil Companies (NOCs).
- Availability of equipment/services in conformance with the above specifications.
- Established Quality Management System.
- Average Turnover of the immediately preceding 2 financial years shall be equal to or more than the estimated average annual contract value.
- Established Health, Safety & Environment Management system as per Good International Petroleum Industry Practices (GIPIP) -2016 from Directorate General of Hydrocarbons (DGH).

Interested parties may submit their Expression of Interest to participate in the tendering process along with contact details and requisite documents providing details/specifications of proposed equipment/services, past experience in India and internationally, clients list, availability schedules, Health, Safety & Environment Management System with accident/incident records for the last five years, Quality Management System, and financial details for the previous three years to establish their qualification credentials on the basis of the above criteria.

Expressions of interest are to be submitted within 10 days of publication of this Expression of Interest to:

General Manager - Contracts & MM at janardan@hardyoil.co.in

Ph: 91-120-4697003

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Brief Details of Requirement:

1. Custom, Naval Clearances, Port Operation & Management Services in Tamil Nadu.

HEPI requires experienced Contractor to assist in Custom clearance (including obtaining of Essentiality Certificate (EC)), Ministry of Defense (Integrated Headquarters of Ministry of Defense – Navy) & Naval Clearance of goods and third-party service providers equipment on temporary /permanent import (as the case may be), port operations and management services towards statutory clearance for various equipment/ services required for safe and compliant operations.

All custom & port handling procedures for import/ export, port to PY-3 Field movement of shipment shall be handled by Contractor.

In addition, MOHA approval as required for HEPI's and / or its deployed third-party personnel to be obtained.

2. FPSO hook-up and commissioning related third party Services

HEPI requires experienced Contractors capable in providing experienced manpower to supervise the FPSO hook-up and commissioning at PY-3 Field performed by the FPS provider keeping the safeguard of HEPI's interest and strict compliance to all the statutory requirements, guidelines including but not limited to OISD, MOD, DGH etc.

As per the proposed plan, External/Internal Turret Moored FPSO and/ or Semi-Submersible FPSO will be installed at PY-3 Field. Contractor is required to mobilize experience project team to supervise the offshore installation and hookup operations. Contractor is required to monitor overall operations and report to HEPI at each milestone set for offshore operations. Team shall consist of but not limited to Offshore supervisor, mechanical inspectors for offshore installation and hookup of FPSO.

3. Work Class ROV and Saturation Diving Services

HEPI intends to carry out subsea inspection of all existing subsea X-trees, flowlines, Umbilicals and other subsea equipment before commencing crude oil production from PY-3 Field, East Coast of India. The brief Scope of Work is as below

- Arrange ROV survey of the flowlines, Umbilicals, connections to the Sub Sea X- Mass Tree and Sub Sea X- Mass Tree assembly.



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- Mobilize workboat with eyeball ROV to Sub Sea X- Mass Tree
- Close inspection of Sub Sea X- Mass Tree including all connections and valves
- Checks for Marine Growth/Calcification, anode degradation
- If required, use valve over-ride tools to operate Sub Sea X- Mass Tree valves and test valve integrity
- Disconnect flowline from Sub Sea X- Mass Tree using divers
- Check safety shutdown mechanisms
- Check emergency stops

4. Design, Fabrication and Installation of Subsea Distribution Unit & subsea Pipe Line End Manifold (PLEM)

Carry out Pre-FEED, design, engineering, supply and commissioning of PLEM/PLET/SDU (subsea distribution unit) along with other required subsea equipment/fittings for existing wells will be connected to the FPSO. It is expected Contractor to Identify additional hardware after evaluating the existing available subsea architecture & equipment. Contractor shall prepare Field layout proposal for the connection of the subsea trees to the topsides along with supply of all required subsea equipment. Master equipment list for subsea architecture shall be prepared along with technical specifications, upon approval from HEPI fabrication and installation shall be carried out for operations in PY-3 Field.

Contractor shall study subsea architecture of PY-3 Field including laid up Flowlines and Umbilicals. Existing flowlines and umbilicals are connected to FPU in PY-3 location which will be removed and connected to new FPSO and will require engineering and relaying study to be carried out for the subsea flowlines, umbilicals and all subsea equipment including PLEM & SDU. While carrying out study age and location of all existing equipment to be considered in terms of remaining life and appropriate solution to be provided for offshore operations.