

# INVITATION TO SUBMIT EXPRESSIONS OF INTEREST ("EOI")



## INTRODUCTION

BHP Billiton Petróleo Operaciones de México, S. De R.L. De C.V. ("BHP") is currently progressing appraisal activities in the Trion field in Mexico to assess the viability of its development. If the field is declared commercial, the development will include an in-field Floating Production Unit ("FPU") in the form of a Floating, Production, Storage & Offloading Vessel ("FPSO"), a Semisubmersible Production Platform ("SEMI") or a SEMI and Floating, Storage & Offloading Vessel ("FSO").

## PURPOSE OF THIS EOI

BHP is soliciting the interest of reputable Engineering Procurement Construction Contractors (hereinafter referred to as "Contractors") experienced in the delivery of Floating Production Units (FPSO, Semi and / or FSO) in order to develop a list of suitable Contractors who may subsequently be invited into the bidding process for the execution of Preliminary Front End Engineering Design ("Pre-FEED") for the FPU. This process may eventually lead to the award of Front End Engineering Design ("FEED") and Engineering, Procurement & Construction ("EPC") as these phases progress.

The EOI seeks to provide prospective Contractors with relevant background information regarding the Trion project and to describe the information to be submitted by prospective Contractors in order to assist BHP in compiling a list of suitable Contractors for further assessment.

### Key project metrics are as follows:

- **Location** : Western Gulf of Mexico, Mexico jurisdiction
- **Water depth** : ~ 2,500 meters
- **For FPSO concept** : VLCC with double hull configuration, moored via a disconnectable internal turret
- **For SEMI concept** : utilizes a truss support for topsides design configuration
- **Topsides Payload** : 17,000 – 25,000 tonnes
- **Enhance Oil Recovery** : includes water injection and may include high pressure gas injection
- **Risers** : > 10 risers

Any entity responding to this EOI must have either individually or in association the capacity and capability to deliver as a minimum the following scope, but not limited to:

1. Preliminary Front End Engineering Design ("Pre-FEED");
2. Front End Engineering Design ("FEED") level engineering with updated cost, schedule & material estimates for EPC(I) and potential procurement of long lead items;
3. Detailed Engineering, Procurement, Construction ("EPC") services for the delivery of the deep water floating host and topsides;
4. Project management, quality control, related administrative services throughout the overall project scope; and
5. Onshore pre-commissioning / commissioning and offshore commissioning support.

This scope will be progressed in phases and may be expanded to include the following optional items:

- Transportation of the FPU to Gulf of Mexico offloading site
- Installation of the FPU in the Trion field

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## INFORMATION REQUIRED FROM PROSPECTIVE CONTRACTORS

Interested Contractors must provide the information requested below in order to be considered for further assessment (this information is also listed in the attached Expression of Interest (EOI) Response Form).

- **Company Information** – please provide your company details, name of the legal entity to be considered in the assessment process, contact person(s) dedicated to address information questions and correspondence relating to this request, company address.
- **FPU Type(s) Selection** - Contractors are requested to select the FPU type that their entity (either individually or in association) may be interested in whether it is an FPSO, SEMI and/or FSO.
- **Relevant Work Experience** – Contractors are requested to provide a list of major projects demonstrating proven experience in delivering (individually or in association) the complete design, procurement, fabrication, construction, pre-commissioning, commissioning and (optional) installation of the FPU facilities located in water depths > 1000 m within the last 20 years. Please provide the following details for completed projects/past experience if you meet the above criteria:
  - Project Name
  - Year the project was executed
  - Water Depth (m)
  - Host Type
  - Production Capacity (Oil/Gas) kbopd/MMSCFD
  - Operator Name
  - Delivery Scope
  - Include any primary sub-contractors used (if applicable) for topsides design, hull and moorings design, construction/fabrication yards, pre-commissioning, commissioning support, installation, etc.
  - If this project scope was executed in association with one or more other entities, please indicate the association type, primary entity involved as well as percent (%) work split.
- **Execution approach** – please name the company/entity (if in association) submitting the EOI response and list the main parties that will execute the design (topside, hull and mooring), procurement, fabrication, commissioning and installation (optional) activities for the selected FPU. Where other entities or locations are involved, please advise the split of responsibilities between the parties/entities as well as any proposed/required subcontracting of work (only primary subcontractors).
- **Confirmation of Interest** – prospective Contractor is requested to confirm their company interest and compliance with requirements outlined in this EOI Letter by completing and signing the EOI Response Form.

Entities (either individually or in association) must have the capacity to deliver a complete and integrated (floating host and topsides) EPC(I) scope for the FPU.

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## EOI RESPONSE SUBMISSION REQUIREMENTS

Prospective Contractors interested in participating in the identification/assessment process must download, complete and sign the EOI Response Form attached. This Form should be signed by a legal representative of the Contractor. The representative's name should also be printed where requested. The electronic version of the Form is located at [www.bhp.com/trion](http://www.bhp.com/trion), and submit to the following inbox:

BHP Petroleum (BHP)  
Projects Procurement E&C  
[projectspetbhp@bhp.com](mailto:projectspetbhp@bhp.com)

**Submissions should be made electronically by no later than close of business 5:00 pm (CST) on 11<sup>th</sup> September 2019.** BHP reserves the right not to accept submissions after this time.

Submissions must be kept short and concise.

Please endeavour to keep the submission under **5 MB**, if possible.

Please note that this invitation to submit expression of interest does not constitute a formal request for quotation or proposal, nor is it intended to create any expectations regarding future business dealings between BHP and recipient.

All EOI documents will become and remain BHP's property. BHP shall not be liable in any respect for any costs, damages, charges or expenses incurred by the contractor in relation to preparing or submitting this EOI response. BHP reserves the right to accept or reject any or all EOI submissions that may be received related to the services requested. BHP reserves the right to change the requirements of this EOI, terminate further participation in the EOI process and change or terminate the contracting process at any time.

Thank you in advance for your willingness to respond to this EOI. We look forward to hearing from you. Should you have any questions or issues regarding the process outlined above, please contact the undersigned at [Christopher.Milne@bhp.com](mailto:Christopher.Milne@bhp.com)

Sincerely,

Chris Milne  
*BHP Projects Contracts & Procurement*

Enclosures:

Expression of Interest (EOI) Response Form