**INTRODUCTION**

Woodside Petróleo Operaciones de México, S. de R.L. de C.V. (“Company”), as Operator under Contract No. CNH-A1-TRION/2016, is currently progressing development of the Trion field in Mexico (“Project”). As part of the development Company will be required to secure the services of a Distributed Fiber Optic Sensing (“DFOS”) equipment supplier.

**PURPOSE OF THIS EOI**

Company is soliciting the interest of DFOS equipment suppliers (hereinafter referred to as “Contractors”) for the Project, experienced in supplying DFOS equipment and services for deep-water projects.

The DFOS supply scope of work includes the following:

* Supply Distributed Acoustic Sensing (“DAS”) interrogator units with a Technology Readiness Level (“TRL”) of 6 and above, as per API-RP-17N, and compliant with testing requirements as described in SEAFOM MSP-02 V2.0;
* Supply of data processing units, servers, data storage, and additional hardware required for DFOS on up to 17 Wells;
* Supply of cabinets to house interrogator units, processing units, servers, data storage, and ancillaries
* Supply of topside fibers connecting the interrogator to the Electronics & Instrumentation (“E&I”) room patch panel with Lucent Connector (“LC”) connection;
* Supply up to 4 downhole fibers, either Single Mode Fiber (“SMF”) or Engineered fiber, or a combination of both, supplied as a Fiber In Metal Tube (“FIMT”), and tested to SEAFOM-F&C-01; and
* Supply of Out of Zone Injection (“OOZI”) and micro-seismic software applications.

The Trion field is in northern Mexican offshore Gulf of Mexico waters. The field is located 180 km east of the Mexican shoreline and 90 km south of the US-Mexican maritime border, in approximately 2,550 meters water depth.

**EOI RESPONSE SUBMISSION REQUIREMENTS**

Prospective Contractors interested in participating in the identification / assessment process must complete and sign the Exhibit 1 – EOI response form which can be found in [www.Woodside.com/Trion/eoi](http://www.Woodside.com/Trion/eoi). This form should be signed by a person having authority to represent the Contractor. The full legal name of the representative’s name should also be printed where requested.

**Submissions should be made via email to TrionProjectEOI@Woodside.com by no later than 2:00pm (CST) Tuesday, May 7, 2024.** Company reserves the right not to accept submissions after this time.

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

All EOI documents will become and remain Company’s property. Company shall not be liable in any respect for any costs, damages, charges, or expenses incurred by Contractor in relation to preparing or submitting this EOI response. Company reserves the right to accept or reject any or all EOI submissions that may be received related to the services requested. Company 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 [TrionProjectEOI@Woodside.com](mailto:TrionProjectEOI@petroleumdeepwater.com).

Sincerely,

James Miranda

Woodside Projects Contracts & Procurement

Enclosure: Exhibit 1 – Expression of Interest (“EOI”) Response Form

**Exhibit 1 – Expression of Interest (EOI) Response Form – Distributed Fiber Optic Sensing (DFOS) Equipment Supply**

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| **INTERESTED CONTRACTORS MUST PROVIDE THE INFORMATION REQUESTED BELOW IN ORDER TO BE CONSIDERED FOR FURTHER ASSESSMENT.** | |
| **Legal Entity Name (if different from company name):** | Click or tap here to enter text. |
| **Company Type (Please check one):** | **Local Foreign Joint Venture (JV)**  *If JV, please list involved Companies:*  Click or tap here to enter text. |
| **Mailing Address:** | Click or tap here to enter text. |
| **Country:** | Click or tap here to enter text. |
| Designated Contact (full legal name and title): | Click or tap here to enter text. |
| Signature of Contact | Click or tap here to enter text. |
| Email Address: | Click or tap here to enter text. |
| Telephone: | Click or tap here to enter text. |
| **Year Company founded:** | Click or tap here to enter text. |
| **Website URL:** | Click or tap here to enter text. |
| **Please list your top five (5) clients:** | Click or tap here to enter text. |
| **Please provide Contractor’s full company profile along with Mexico incorporation documentation (if applicable):** | Click or tap here to enter text. |
| **Has Contractor supplied topside interrogators for DAS applications with step outs larger than 15 km?** | Click or tap here to enter text. |
| **Does Contractor have personnel that can travel internationally and offshore, to perform installation of DFOS equipment?** | Click or tap here to enter text. |
| **Does Contractor have interrogator signal amplification capability, subsea or topsides? Provide details of amplification technology** | Click or tap here to enter text. |
| **Has Contractor supplied SMF as FIMT for offshore and subsea downhole installation?** | Click or tap here to enter text. |
| **Has Contractor supplied Engineered Single Mode Fiber as FIMT for offshore and subsea downhole installation?** | Click or tap here to enter text. |
| **Has Contractor supplied FIMT for offshore and subsea downhole installation?** | Click or tap here to enter text. |
| **Does Contractor have Microseismic/OOZI software capable of processing real-time backscatter signal from up to 17 interrogator units?** | Click or tap here to enter text. |
| **Does Contractor have Microseismic/OOZI software that can display processed information live in the Central Control Room (CCR)?** | Click or tap here to enter text. |
| **Does Contractor have Microseismic/OOZI software available in multiple formats that can be embedded into topsides control systems?** | Click or tap here to enter text. |
| **Contractors are requested to provide a list of offshore projects demonstrating proven experience in successful implementation of DFOS projects. Please provide the following details for completed projects/ experience:**   * **Project Name** * **Year the project was executed** * **Water Depth (m)** * **Longest well step out (total measured length from top sides to end of fiber down hole)** * **Operator Name** * **Delivery Scope** * **# Wells** | Click or tap here to enter text. |
| **Please list any projects where Contractor has supplied any of the following (either internally or subcontracted) as part of the DFOS supply scope:**   * **DAS Interrogator units** * **Single Mode downhole fiber** * **Engineered single mode downhole fiber** * **Real time DAS Software application** | Click or tap here to enter text. |
| **Directors, Officers, Partners, Direct or Indirect Shareholders of the Contractor or Individuals:**  **(\*) Are any directors, officers, partners, direct or indirect shareholders of the Contractor or individuals are:**  **Current or past Government Officials or their Close Relative?**  **A person who represents others or their Close Relatives (unions, indigenous or community leaders)?**  **If any answer is yes, provide details:**  **Full name and, if a relative, the relationship to the Company person:**  **Affiliated/employing entity, position, and responsibilities:**  **Dates of service (current or past):** | Click or tap here to enter text. |
| **Investigation or Allegation of Fraud, Misrepresentation, Bribery, Corruption, Money Laundering and other related:**  **(\*) In the past five years (5) years has the Contractor (including any affiliated entities or any predecessor organization) or any owner, officer, director, employee or third party who will be performing services or managing those performing services for Company or who has decision making authority related to the services provided to Company been subject to any investigation or allegation of fraud, misrepresentation, bribery, corruption, money laundering, false accounting, tax evasion, trade sanctions, export controls or other related activities in any country?**  **If yes, please provide complete details:** | Click or tap here to enter text. |
| **Disqualified to Participate in Public Tenders**  **(\*) Has the Contractor (including any affiliated entities or any predecessor organization) been disqualified to participate in public tenders?**  **If yes, please provide complete details:** | Click or tap here to enter text. |
| **Ethics & Compliance Program**  **Does the Contractor have an Ethics & Compliance Program?**  **If yes, please provide complete details:** | Click or tap here to enter text. |
| **Ethics & Compliance Program**  **Does the Contractor provide periodic ethics and compliance training to your personnel and third parties?**  **If yes, please provide complete details:** | Click or tap here to enter text. |
| **Ethics & Compliance Program**  **Does the Contractor conduct anti-corruption or sanctions due diligence when engaging Third Parties?**  **If yes, please provide complete details:** | Click or tap here to enter text. |
| **Attach files**  **Please attach any supporting files as applicable, ensuring files are clearly named for the relevant sections:** | Click or tap here to enter text. |