



Invitation for Pre-Qualification
Cost Survey of Methane Hydrate Development System
(No. JMH-25-005)

Japan Methane Hydrate Operating Co., Ltd.

12th March 2025

1. OUTLINE OF THE WORK

1.1 Purpose

The purpose of this study is to conduct a conceptual design of the optimal development system for constructing a methane hydrate development system in two offshore areas, Offshore A and Offshore B, and to estimate the CAPEX and OPEX associated with the development system.

1.2 Technical Selection

Select the most suitable technologies for the methane hydrate development system based on the industry practices.

- Subsea System
- Flow Assurance
- Hydrate Reformation Management
- Water Management & Disposal
- Sand Management & Disposal
- Submarine Pipeline System for Methane Gas to the onshore points

1.3 Conceptual Design

Based on the results of the above technical review and selection, one conceptual design for each optimal development system for each of Offshore A and Offshore B should be conducted.

1.4 Cost Estimation

For each of the selected development systems mentioned above, CAPEX, OPEX, and ABEX should be estimated. Costs should be estimated separately for materials and installation.

2. Term

From May 2025 to 30th September 2025(*Expected to last 5 months after signing the contract)

3. Budget

Total budget is equal to or below US\$ 300,000. This is NOT the contract price and is the maximum limit of the budget. The contract price shall NOT exceed the above-mentioned budget.

4. INVITATION

4.1 JMH invites entities which are able to provide the services outlined in Section 1 above. Entities which intend to participate are requested to submit the documents specified in Section 5 for pre-qualification by the date and time specified in Section 6.

4.2 JMH will invite the pre-qualified entities to submit tender proposals in April 2025.

5. SUBMISSION FOR PRE-QUALIFICATION

5.1 A letter to declare intention to participate in the tender process

5.2 Corporate outline: a brochure and/or other explanatory documents

5.3 Documents to show the applicant's experiences within ten (10) years and abilities in the following respects:

- (i) Experiences in developing Technical Qualification Process of R&D for oil & gas development system.
 - (ii) Experiences and Technical Knowledge for Methane Hydrate Production and Deepwater Subsea oil & gas Production System.
 - (iii) Company organization and number of employees for each units/departments to execute
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same or similar scope of work.

- (iv) Number of experienced employees to execute similar scope conducted by clients and/or operators.
- (v) Number of experienced employees to execute similar scope for oil & gas development system.

6. CLOSING DATE AND TIME

Documents specified above in Section 5 shall be delivered to JMH via email to the address: tender.admin@jmh.co.jp, not later than **26th March, 2025** 15:00 hours JST.

7. REQUEST FOR CLARIFICATION

Questions and requests for clarification on this Invitation to Pre-Qualification shall be submitted in writing via email to the address: tender.admin@jmh.co.jp, not later than **19th March, 2025** 15:00 hours JST.

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