

Invitation for Pre-Qualification  
For Applicability Evaluation of Pipeline Heating Systems for  
Methane Hydrate Production  
(No. JMH-23-004)

Japan Methane Hydrate Operating Co., Ltd.

21st April 2023

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## 1. OUTLINE OF THE WORK

1.1 Japan Methane Hydrate Operating Co., Ltd. (JMH) is a member of the MH21-S R&D consortium (MH21-S) having conducted the research and development project for the pore-filling type of methane hydrate to achieve an objective of the Japanese Government's Plan for the Development of Marine Energy and Mineral Resources under the supervision and finance of the Ministry of Economy, Trade and Industry (METI).

JMH, being tasked with optimizing the design of subsea production system for future mid-term methane hydrate production test, requires the expertise of an experienced contractor to carry out the study covering the following 4 main aspects:

- (i) Comparison of Pipeline Heating Systems
- (ii) Quick Evaluation of Heating Systems
- (iii) High level review and recommendations for Mid Term Production Test
- (iv) Budgetary Estimation of the Heating System

### 1.2 Term

From Mid June 2023 to 31st August 2023

### 1.3 Budget

Total budget is equal to or below JPY 5,000,000. This is NOT the contract price and is the maximum limit of the budget. The contract price shall NOT exceed the above-mentioned budget.

## 2. INVITATION

2.1 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 3 for pre-qualification by the date and time specified in Section 4.

2.2 JMH will invite the pre-qualified entities to submit tender proposals in May 2023.

## 3. SUBMISSION FOR PRE-QUALIFICATION

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

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

3.3 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 system for subsea oil & gas production.
  - (ii) Technical expertise within the following areas: subsea production systems and subsea pipelines/flowlines.
  - (iii) Experiences and Technical Knowledge for Methane Hydrate Production.
  - (iv) Company organization and number of employees for each units/departments to execute same or similar scope of work.
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- (v) Number of experienced employees to execute similar scope conducted by clients and/or operators
- (vi) Number of experienced employees to execute similar scope for subsea production system and subsea pipelines

#### **4. CLOSING DATE AND TIME**

Documents specified above in Section 3 shall be delivered to JMH via email to the address: [tender.admin@jmh.co.jp](mailto:tender.admin@jmh.co.jp), not later than 8th May, 2023 15:00 hours JST.

#### **5. 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](mailto:tender.admin@jmh.co.jp), not later than 28th April, 2023 15:00 hours JST.

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