**TECHNICAL QUESTIONNAIRE**

**MARKET SURVEY – REF. IO/MSY/21/HCC/PI**

**PROJECT INTEGRATOR FOR HOT CELLS COMPLEX PROJECT**

Companies and organisations interested in participating to this market survey for the Project Integrator shall return a completed questionnaire to the following email address [hcc@iter.org](mailto:hcc@iter.org) with copy to [Jongeun.Lee@iter.org](mailto:Jongeun.Lee@iter.org), **no later than 2August 2021**.

Note that this is not a Call for Nomination request. At this moment the ITER Organization (IO) is preparing a contract and procurement strategy for this project. The purpose of this questionnaire is **not** to assess and evaluate the capacity of your company and organization. Therefore, we appreciate it very much if you will provide open and frank feedback.

*Before beginning this market survey, please refer to the document ‘’Project Integrator Technical Description Overview’’.*

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# Potential Meeting with ITER – HCC Project team after submission of survey

*The purpose of this Market Survey process is to facilitate ITER Organization in the finalization of the procurement and contract strategy for HCC Project Integrator. ITER Organization is interested to receive the requested response to this market survey and then at the IO’s discretion to meet companies to discuss their response , in order to prepare for call for Nomination in second semester 2021.*

*Question 1: If requested by representatives from the ITER Organization HCC Project Team are you interested in meeting in order to discuss your response?*

**YES**

**NO**

# General information about the Company compiling the questionnaire

*Question 2: Please fill-up this form.*

**Company Name**: …………………….

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| **Contact Person** | **Name + Title** | **Email address** | **Telephone** |
| Commercial Matters: |  |  | + |
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| Technical Matters: |  |  | + |
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***Main activities***

|  |  |
| --- | --- |
| ***Main activities*** | ***Description*** |
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| ……………………. |  |

***Turnover***

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| --- | --- | --- | --- | --- |
| ***Scope*** | ***Turnover 2018*** | ***Turnover 2019*** | ***Turnover 2020*** | ***Number of employees*** |
| All activities |  |  |  |  |
| *For activities in the field of Project Integrator related works* |  |  |  |  |

# Contract scope: ‘’*Project Integrator Technical Description Overview’’*

This document provides an outline of proposed Project Integrator (‘’PI’’) roles, scope, deliverables, and skills. Note: The PI is neither strictly a support to Owner, nor strictly an Architect Engineer.

Question 3.1: Does this document provide you with a clear understanding of the main expectations, roles and responsibilities of the PI? If not, please elaborate your response.

**YES**

**NO**

Question 3.2: Please comment on the proposed role and scope of the PI, including for instance  
- Suggestions for additional scopes that the PI could undertake to support project success?  
- Any item/content/requirement you might have reserves about?

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# Procurement

We are expecting to procure a long-term partner, on a bespoke role and contract, playing a key role for the HCC Project, with high benefit for the Client.

Question 4.1: In principle, are you interested in bidding for the PI procurement? If not please explain

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*Question 4.2:* *If you participate, would you bid as single entity, consortium or subcontractor? If you know any potential consortium partners, please provide their company names.*

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| **Single existing entity**  **Consortium**  Name(s) of consortium partners if any:  **Creation of a new legal entity for the purpose of the contract**    **Subcontractor** |

Question 4.3: In a typical IO open call for tender, the standard time for tender preparation and submission is 42 calendar days. Considering the scope of PI contract, how long would you need for tender preparation?

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Question 4.4: In case competitive dialogue (\*) is selected by IO as the procurement procedure for the PI, would you be willing to participate? During this competitive dialogue phase, would you be prepared to provide some of the technical deliverables expected during the ‘’Preparation’’ phase (set out in the ‘’Project Integrator Technical Description Overview’’)?

(\*Note\*: In IO procurement, the “Competitive dialogue” is a different procurement procedure from “Call for Tender”. Under Competitive Dialogue, the IO and Tenderer(s) will maintain a dialogue on any aspects of the project to develop potential project solution(s).)

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Question 4.5: Will your company be able to carry out the full scope internally for the PI, or would you rather take partners or subcontractors? What will be your reasons for doing so?

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Question 4.6: What key specific competencies and experience would you consider the selected contractor for PI contract should have?

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Question 4.7: Under HCC project, there will be other procurement tender packages to be launched later (see Work Packages described in ‘’Project Integrator Technical Description Overview’’). Would you be interested in bidding to Project Integrator “if” being awarded for PI prevents you to be awarded for other tender package(s)?

Please advise how you may ensure no conflict of interest from your own experience with other customers.

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# Organization

Question 5.1: Based on the phases described in the PI description overview document, what would be your approximate evaluation for PI headcounts during each phase of the project?

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Question 5.2: Co-location on-site of the HCC Integrated Team with PI and other Work package contractors (see PI description doc) is considered as a success factor. What roles and parts of the PI’s organization do you consider should be located on-site, and why?

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Question 5.3: In addition, what do you consider can be done by teleworking? Please share the associated risks and opportunities?

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# Contract scheme

We are considering several commercial schemes including cost reimbursable and, lump-sum, within the Client’s fixed budget.

Question 6.1:What do you consider is the most appropriated scheme for PI contractor and best for this project?  Please elaborate on your response.

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Question 6.2: Do you consider some elements of the PI scope could be performed under lump sum? Please elaborate on your response.

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In this reimbursable cost scheme, our intention is to introduce a contractual mechanism to secure total costs at completion within Client’s fixed budget.

Question 6.3: Please provide your comments, feedbacks and suggestions on such contractual mechanism (e.g. target price, ceiling price, pain/gain share, incentives, others)? Please elaborate on your response.

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Question 6.4: PI mission is a long-term need. IO is considering to select the PI and make a firm commitment to a first part. Commitment on subsequent parts will follow after successful completion of the previous part. Based on real-life experience, please provide your feedback on such a mechanism?

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# Client role

Question 7: Based on your specific experience of similar past contracts for Project Integrator (or equivalent),, what features (contribution, role, organization, actions, behavior) of Client project organization would contribute actively to a successful overall performance by the PI?

# Early Contractor Involvement (‘’ECI’’)

At the Project level, we want to promote early contractor involvement of the construction contractors during design phases. This is foreseen to be provided mostly by other Work Package contractors.

Question 8: To what extent can the PI provide the input (design, manufacturability, constructability and interface management, costs and schedule, etc.) which would normally be provided by ECI contractor? Please elaborate.

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# Collaboration

We are considering collaborative contracting, and Project Integrator would on a day-to-day basis implement the Poly-party Agreement (this is the contract that sets out the collaborative obligations between the main Work Package contractors).

Question 9.1: In this frame, what is your experience of implementing or participating in any form of collaborative contracting and project delivery (see description in PI description doc)? Please provide short project examples.

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Question 9.2: Based on your experience, what feature do you suggest for the successful formation and implementation of an integrated team (see description in PI description doc)?

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Question 9.3: What would you suggest as the best-for-project approach to contract strategy for the individual Work Packages identified in the ‘’Project Integrator Technical Description Overview’’: either (a) ‘’design only contract for all phases of the design, and then a new open tender for the construction phase’’ or (b) single stage ‘’design and build’’ contracts with potential break points? Please also explain why.

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| **(a)**  **(b)**  **Other**  [reasoning] |

# Main risks

# *Question 10: What are the biggest risks you identify in this project or the proposed delivery method, and what would you suggest to mitigate the risks if you are awarded a contract for PI?*

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| Signature: | COMPANY STAMP |
| Person to Contact: |
| Title: |
| Email: |
| Tel: |
| Date: |