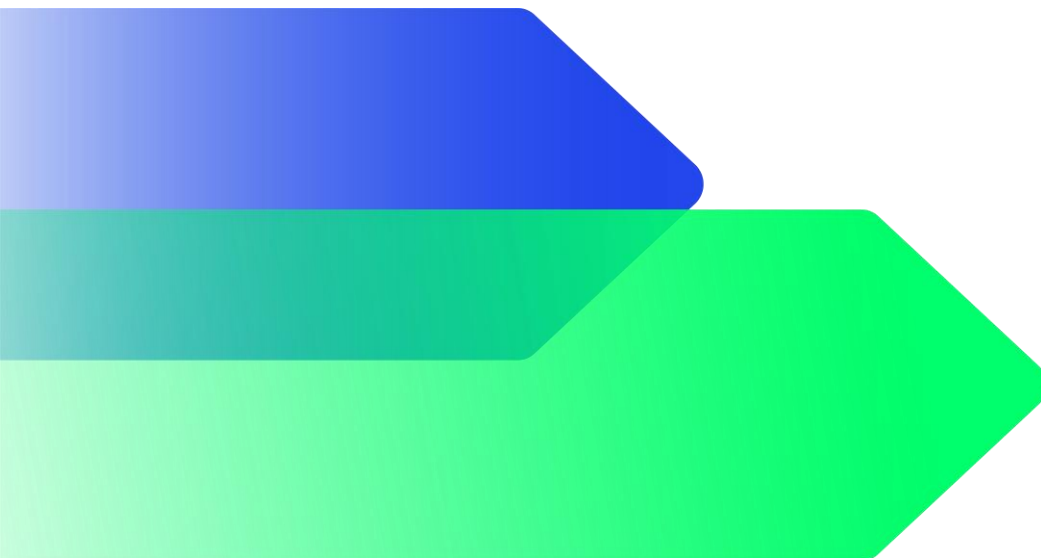


INTEGRATOR PHASE III

# Clarification Question Responses

Offshore H2 production platform concept design (H2PD)

19 January 2024



#	Type	Question	Response
1	Experience	<p>Will the below experience be evaluated as a requirement or will it be a desirable? Can a company successfully tender where they do not meet the above criteria in terms of scale as supposed to capability?</p> <ul style="list-style-type: none"> <li>• <i>Proven track record in concept and FEED stage design of large scale (&gt;500MW) hydrogen production plants including electrolysis, purification, compression, and utilities.</i></li> <li>• <i>Proven track record in concept and FEED stage design of offshore platform topsides which include large scale process engineering packages.</i></li> </ul>	<p>The outlined experience will be considered as highly desirable during the evaluation process. Whether a single bidder can be awarded the work without this experience will depend on the quality of the other bids submitted for the tender.</p>
2	Scope of Work	<p>Is it possible to just to bid for the following scopes:</p> <p>a. Conduct a comprehensive regulatory analysis and market comparison for offshore hydrogen production identifying critical regulations, guidelines, and market-specific design decisions, equipment selection and overall project execution.</p> <p>c. Identify design uncertainties, assess their impact on project success, and propose mitigation strategies</p>	<p>The scopes specified in this question do not meet the requirements of the project and therefore bidding just for these aspects would not be recommended.</p> <p>We recommend forming a consortium with a partner organisation to fulfil the remaining scope laid out in the tender.</p>
3	Scope of Work	<p>Does the proposal submission and/or the scope of work need to consider the storage of hydrogen on the platform? And, if yes, does the scope of work need to consider either or both the technical and regulatory integration of storage on the platform?</p>	<p>The proposal submission and scope of work must include considerations for both the technical and regulatory integration of the storage of hydrogen on the platform as needed to facilitate export via a subsea hydrogen pipeline.</p>
4	Scope of Work	<p>Does the proposal submission and/or the scope of work need to consider the offtake of hydrogen? And, if yes, does the scope of</p>	<p>The proposal submission and scope of work must include considerations for both the technical and regulatory integration of offtake from the platform via a subsea hydrogen pipeline.</p>

work need to consider either or both the technical and regulatory integration of offtake from the platform?

**5** Following a detailed review, the potential use of existing platform designs, we believe that given the confidentiality hurdles and IP considerations needed (given these typically rest with the client), would The Carbon Trust consider an alternative WP2c whereby CONTRACTOR would look to the feasibility of repurposing existing platforms?

Throughout the tender references to “existing platform designs” refer to existing designs specifically for new build offshore hydrogen production platforms that bidders may already have developed (if not necessarily constructed).

We anticipate that bidders may have designs developed for new build offshore hydrogen platforms that may be used as a starting point for this work that would then be adapted to suit the Integrator partner’s needs.

This projects’ focus is solely on new build hydrogen platform designs and should not consider the conversion of currently operational offshore platforms (oil and gas or otherwise) for hydrogen production.

**6** Furthermore, it is our belief that if a new design is required, that a design from inception would be the preferred solution given the age and obsolescence of existing solutions. As such, please confirm if an offer for WP2b and/or WP2c as mentioned above would be considered?

If a bidder has an existing design specifically for a new build offshore hydrogen production platform, we expect WP2a would be undertaken to adapt that design for the needs of the Integrator partners.

If the bidder does not have an existing design specifically for a new build offshore hydrogen production platform, then we would expect them to undertake WP2b and develop this design from first principles.

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