Oman Green H₂ Auction



Round 2 Information

October 2023



Oman today

Oil & gas





Green Hydrogen

Road to net zero by 2050



\mathbf{V} Oman's concrete actions to develop H_2 economy

50,000 km² of land

Land allocated for gH2 production projects

Hydrogen auctions

Clear process, 1st round completed and 2nd open

5 projects awarded

~750 ktpa of H₂ by 2030 with +30 B\$ investments

Shared infrastructure for gH₂

Concept and planning already underway



Oman has 5 strategic objectives to move into Green H₂



Ensure energy security for Oman and global demand



Diversify the local economy, onshore the supply chain, forward connect industries and create local longterm jobs



Decarbonize the country to safeguard a sustainable future



Create a Green H₂ sector with a competitive LCOH for export markets and attractive for Foreign Direct Investments



Support innovation and ensure capabilities development for Oman

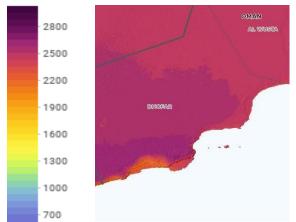


Oman is one of the top countries for renewable resources



Solar PV potential¹

 kWh/m^2

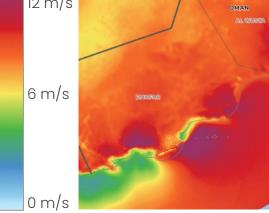


>2400 kWh/m²

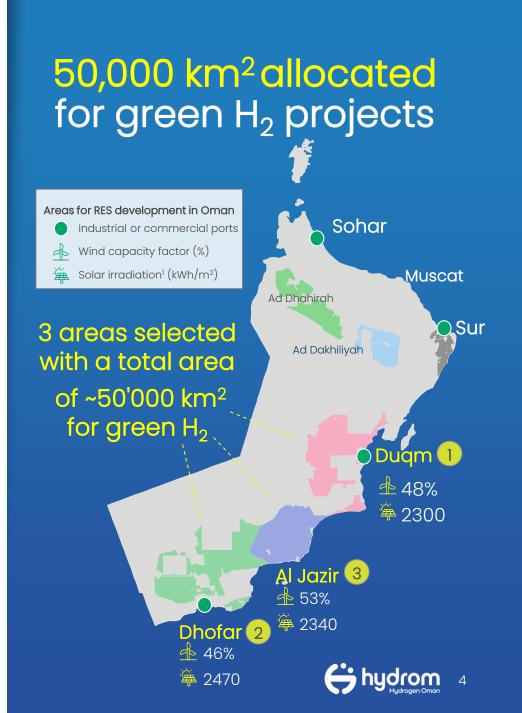


Wind speed

m/s 12 m/s



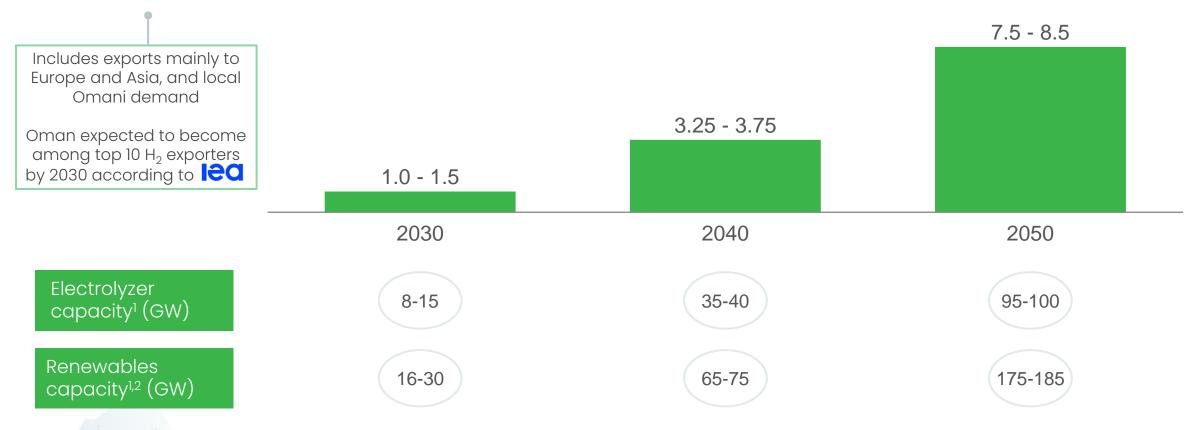
Up to 11 m/s



1. Global Horizontal Irradiation (GHI) Source: Global solar atlas, Global wind atlas (July '22)

Oman has ambitious production targets until 2050, with already >1 Mtpa by 2030

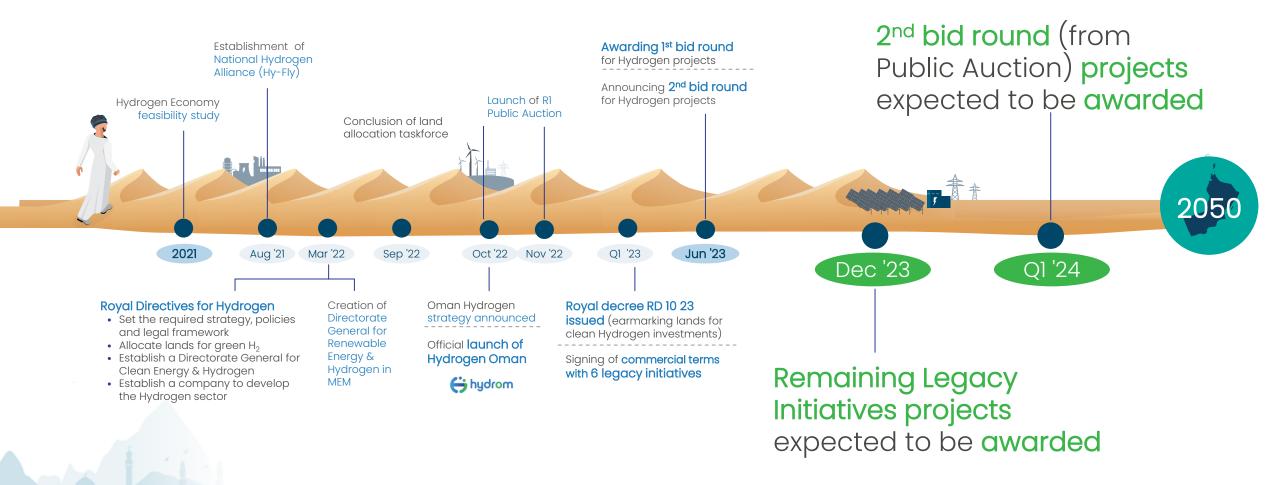
Green H₂ production ambition for Oman in 2030–2050 (Mtpa)



1. Approximate values for Duqm, Oman 2. Includes 25% buffer over Renewables needed for electrolyzers to account for Balance of plant load (which includes NH3 synthesis loop, Storage tanks for H2/NH3, another auxiliary facilities load). Assumption: Sustainable Development Scenario (2°C). Source: Team analysis; IEA



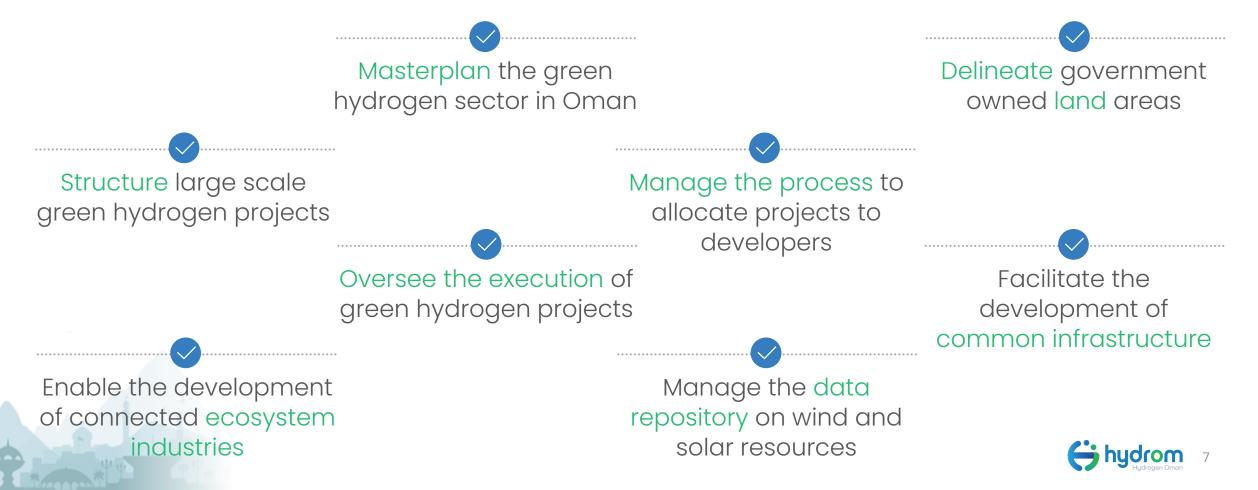
Our path forward with 2 major achievements by Q1 2024





Hydrom with a clear role in orchestrating the sector







Round 1 of auction has already been a strong success and signal of Omani gH₂ attractiveness for international players



5 continents represented

Applicants coming from all over the world with stronger representation from W. EU, GCC, S/SE Asia, South Korea, and Japan



>60 international companies

Requesting to get the access to the Request for Qualification to round 1

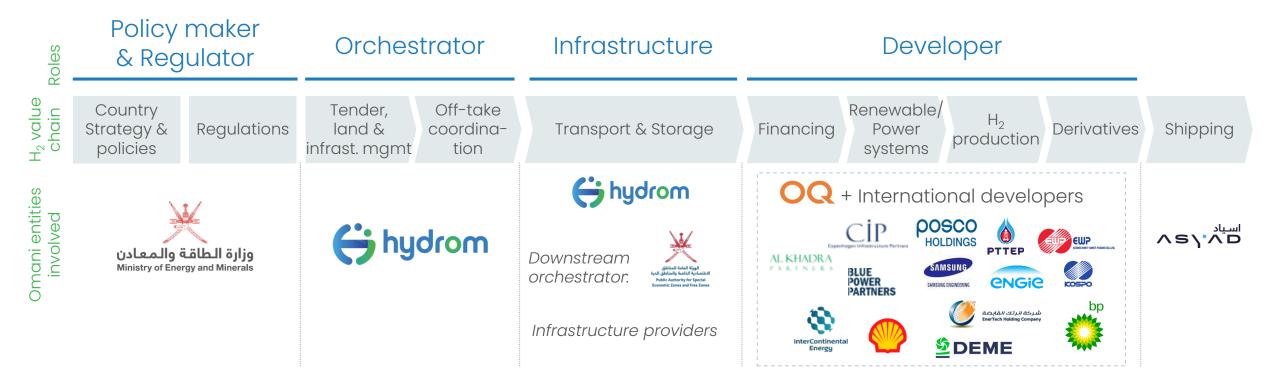


>20 international companies

Requesting to get the access to the Request for Proposal to round 1



Multiple international developers already onboard to deliver concrete gH₂ projects





5 projects in the Duqm region awarded in June 2023, positioning Oman as one of the world's leading gH₂ hubs



Legacy Initiative process: 3 projects awarded so far (out of 6 term sheets signed)







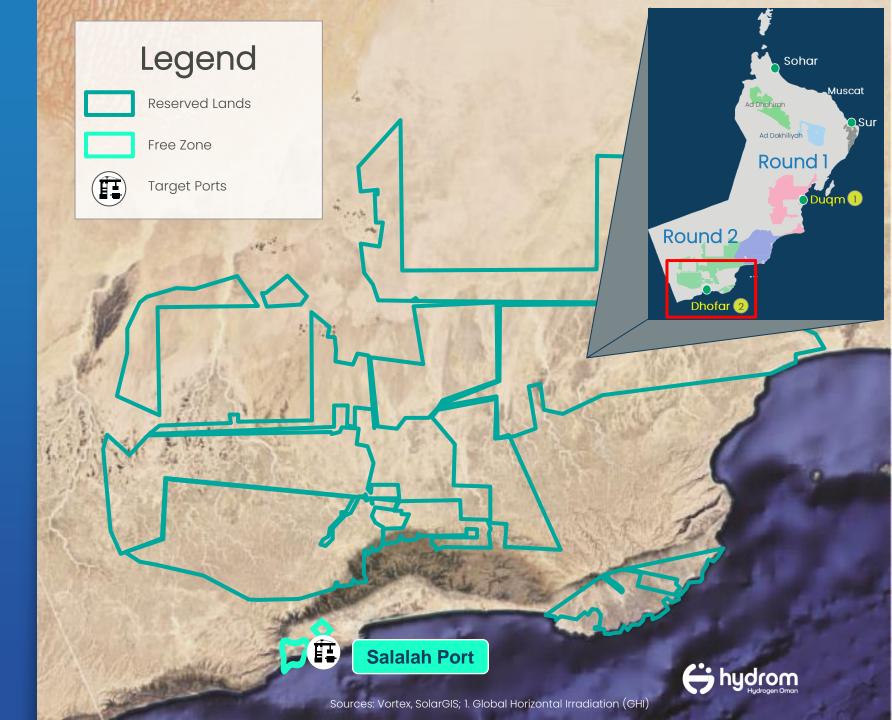
Currently open H₂ public auction:

Phase A Round 2

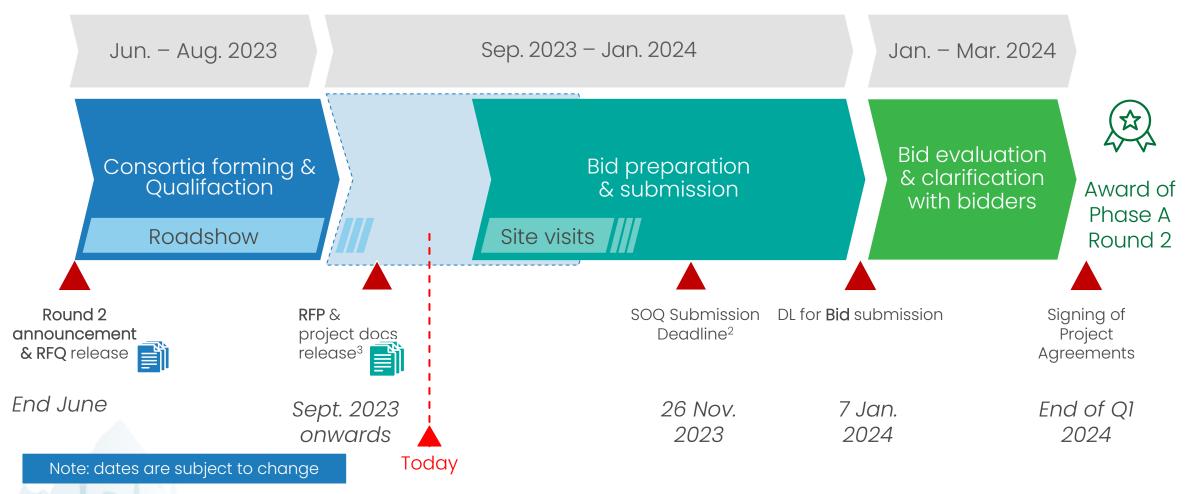
Hydrom plans to award up to three Blocks in Dhofar region







Phase A Round 2 | Auction Process and Timeline



RFQ = Request for Qualification; DL = Deadline; SOQ = Statement of Qualification; RFP = Request for Proposal; Note: Round 2 timeline is indicative and might have minor changes; Consultations and 1-to-1 Q&As sessions will be organized by Hydrom and bidders;; 2. If SOQ submission will occur after SOQ Target Submission Date, qualification notification will not be guaranteed before RFP release; 3. RFP and project docs will be released only to qualified applicants

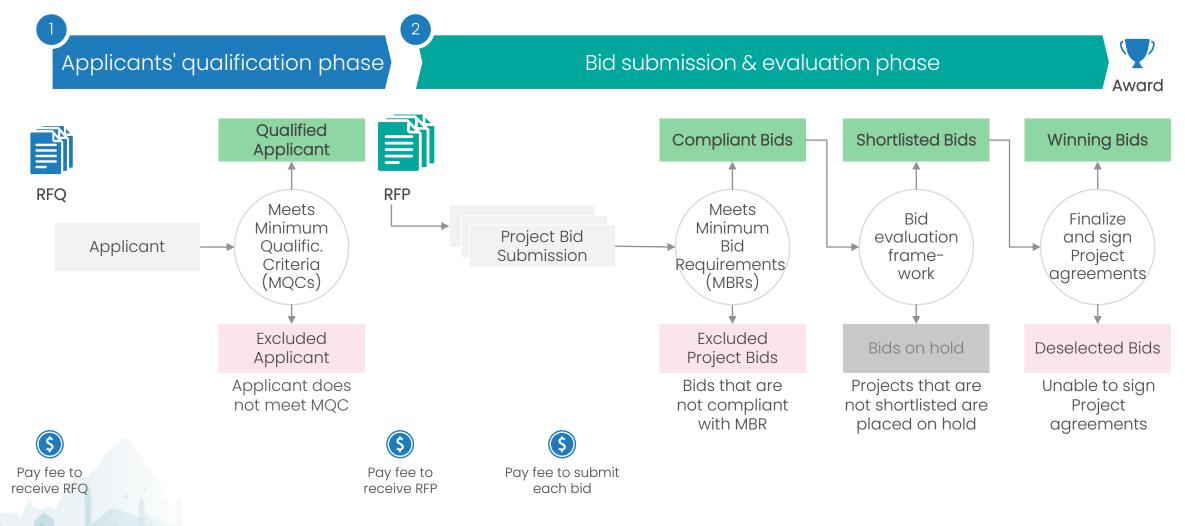


Phase A Round 2 | Overview of key project parameters, details will be shared in RFQ / RFP

Parameter		Detail
Duration		 47 years from project development & land sub-usufruct award
	Oman take	 Land fees to be paid for the used part of land once production starts Base royalties and Upside fee Corporate tax applies Back-in right for Beneficiary to acquire share in Project Company
	Scope	 Integrated projects to produce Green H₂ & potentially derivatives (RES generation, H₂ production, derivatives conversion, offtake) A minimum target H₂ production will be required Infrastructure to be shared between projects
	Incentives	 Reduced land fees in development & construction phase ICV incentive fee to decrease with increasing level of Omanization
Conditions		Offtake of electricity not allowed in general



Phase A Round 2 | Overview of auction process

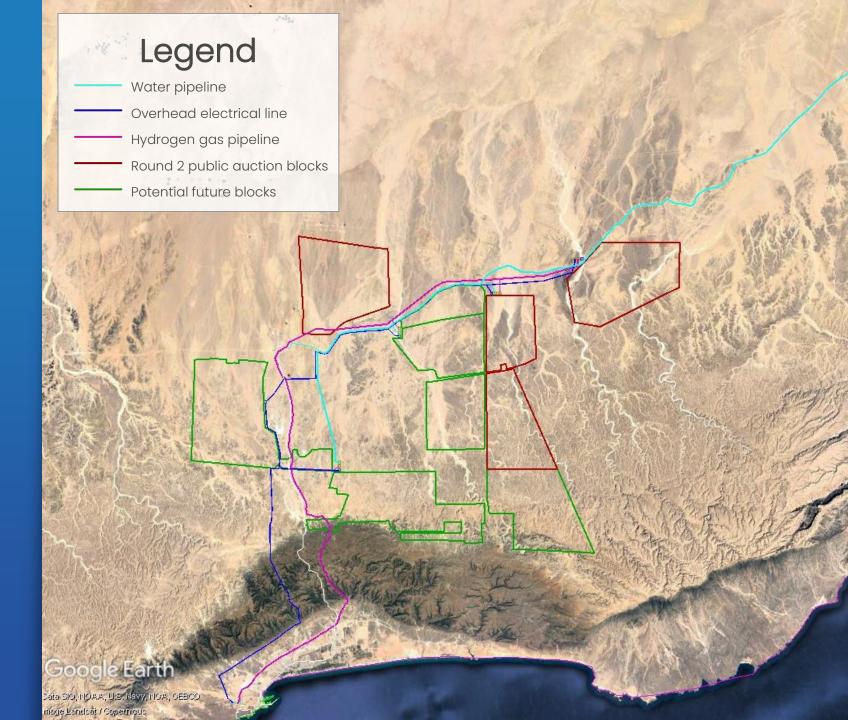




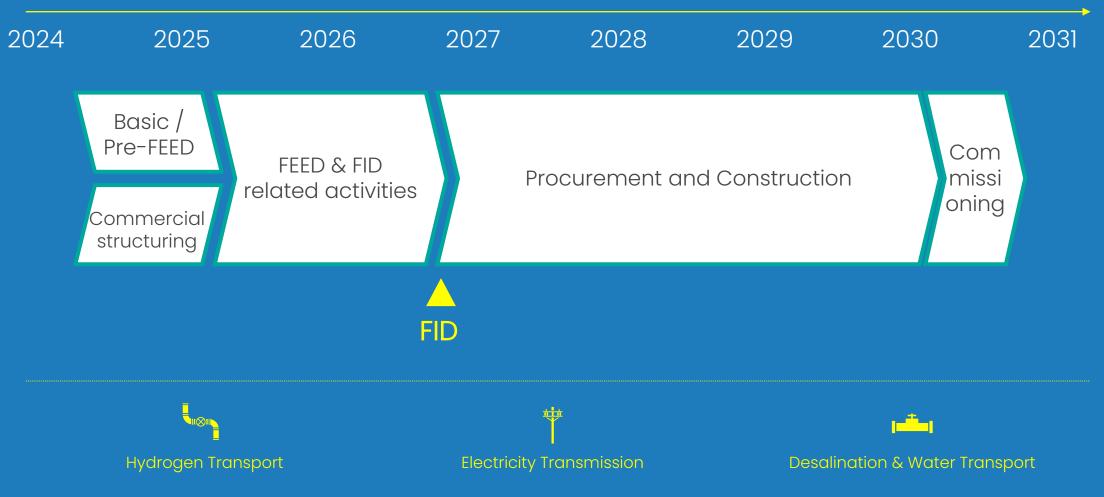
Shared infrastructure will be provided to Project Companies



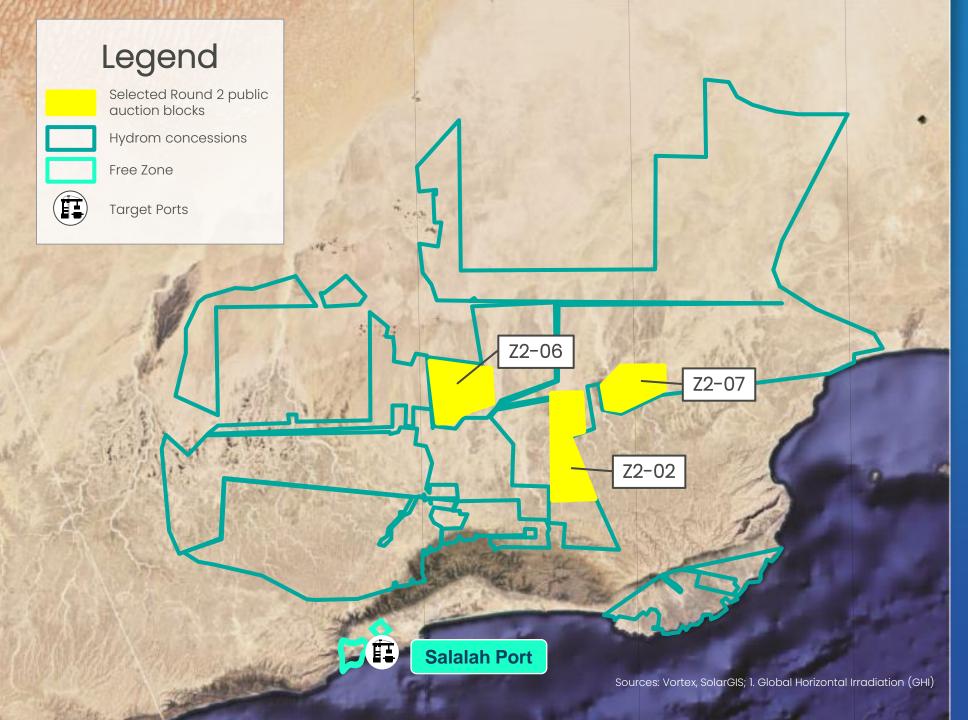
Dhofar Common Infrastructure development scope



Common Infrastructure development timeline







In Phase A **Round 2 Public** Auction Hydrom is auctioning up to 3 Blocks in the Dhofar region



Average wind speed range



2350-2450 kWh/m² Average Solar irradiation¹



Phase A Round 2 | High level overview of block details



Note: Buffer zones not required within the block area



Phase A Round 2: Next steps and useful information

Immediate next steps if interested

- Register on the Auction Platform by filling the form
- Download the instructions available on the platform
- Sign the Confidentiality Undertaking and pay the fee to receive RFQ

Each company (individually if part of a consortium) will need to sign a Confidentiality Undertaking and pay a fee of 5,000 USD¹ to receive the RFQ



Auction Platform

registration

PLEASE NOTE: Developers who participated in any (registration, RFQ, RFP) stage of Round 1, <u>must re-register</u> in order to gain access to the Round 2 RFQ and submit a Statement of Qualification to qualify for the RFP stage in Round 2



1. VAT excluded

