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هيئة الأشغال العامة

PUBLIC WORKS AUTHORITY PROJECTS AFFAIRS Drainage Network Projects Department

REQUEST FOR QUALIFICATION

AL WAKRA & AL WUKAIR SEWAGE TREATMENT PLANT

PROJECT ID: IA 2019 C 057 G

QUALIFICATION PROCEDURES AND SERVICE REQUIREMENTS

Authority Public Works Authority P.O. Box 22188 Doha State of Qatar

April 2019

QUALIFICATION PROCEDURES AND SERVICE REQUIREMENTS

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Glossary

contact MTS-03 Main Trunk Sewer	Term	Definition
responding to the RFPBOTBuild Operate TransferCODCommercial Operations DateConsortiumGroup of companies responding to the RFQConsortium MemberMember of the group of companies responding to the RFQDS-STWDoha South Sewage Treatment WorksEPCEngineering, Procurement and ConstructionFXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPAPublic Private Partnership AgreementProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	Ashghal	Public Works Authority
CODCommercial Operations DateConsortiumGroup of companies responding to the RFQConsortium MemberMember of the group of companies responding to the RFQDS-STWDoha South Sewage Treatment WorksEPCEngineering, Procurement and ConstructionFXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&MOperations and Maintenance AgreementOCFOdour Control FacilityOCUOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQAR Qatari RiyalQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	Bidder	
ConsortiumGroup of companies responding to the RFQConsortium MemberMember of the group of companies responding to the RFQDS-STWDoha South Sewage Treatment WorksEPCEngineering, Procurement and ConstructionFXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCUOdour Control SystemOCUOdour Control UnitPPPPublic Private Partnership AgreementProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQAR Qatari RiyalQatari RiyalQualified RespondentRespondents selected for the RFP stage	ВОТ	Build Operate Transfer
Consortium MemberMember of the group of companies responding to the RFQDS-STWDoha South Sewage Treatment WorksEPCEngineering, Procurement and ConstructionFXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	COD	Commercial Operations Date
responding to the RFQDS-STWDoha South Sewage Treatment WorksEPCEngineering, Procurement and ConstructionFXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&MOperations and MaintenanceO&AMOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment ProjectPwCPricewaterhouseCoopersQARQatar National VisionQualified RespondentRespondents selected for the RFP stage	Consortium	Group of companies responding to the RFQ
EPCEngineering, Procurement and ConstructionFXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQAR Qatari RiyalQatar National VisionQualified RespondentRespondents selected for the RFP stage	Consortium Member	
FXForeign ExchangeIA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	DS-STW	Doha South Sewage Treatment Works
IA-STWIndustrial Area Sewage Treatment WorksLead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	EPC	Engineering, Procurement and Construction
Lead DeveloperManager of the Consortium and chief point of contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	FX	Foreign Exchange
contactMTS-03Main Trunk SewerNetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	IA-STW	Industrial Area Sewage Treatment Works
NetworkConveyance infrastructure for transmission of flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatar National VisionQualified RespondentRespondents selected for the RFP stage	Lead Developer	Manager of the Consortium and chief point of contact
flows through series of gravity tunnelsO&MOperations and MaintenanceO&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, 	MTS-03	Main Trunk Sewer
O&M AgreementOperations and Maintenance AgreementOCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	Network	Conveyance infrastructure for transmission of flows through series of gravity tunnels
OCFOdour Control FacilityOCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, 	O&M	Operations and Maintenance
OCSOdour Control SystemOCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	O&M Agreement	Operations and Maintenance Agreement
OCUOdour Control UnitPPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	OCF	Odour Control Facility
PPPPublic Private PartnershipPPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQualified RespondentRespondents selected for the RFP stage	OCS	Odour Control System
PPPAPublic Private Partnership AgreementProcurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	OCU	Odour Control Unit
Procurement ProcessSelection and Approval of Preferred BidderProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	PPP	Public Private Partnership
ProjectDevelopment and implementation of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	PPPA	Public Private Partnership Agreement
Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al Wakra and Al Wukair areasProject CompanySpecial Purpose Vehicle formed to build, operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	Procurement Process	Selection and Approval of Preferred Bidder
operate and transfer the ProjectPwCPricewaterhouseCoopersQARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	Project	Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the Al
QARQatari RiyalQNVQatar National VisionQualified RespondentRespondents selected for the RFP stage	Project Company	
QNV Qatar National Vision Qualified Respondent Respondents selected for the RFP stage	PwC	PricewaterhouseCoopers
Qualified Respondent Respondents selected for the RFP stage	QAR	Qatari Riyal
	QNV	Qatar National Vision
Request for EOI Request for Expression of Interest	Qualified Respondent	Respondents selected for the RFP stage
	Request for EOI	Request for Expression of Interest

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Respondent	Company or a Consortium of companies responding to the RFQ
RFP	Request for Proposal
RFQ	Request for Qualification
SOQ	Statement of Qualification
STW	Al Wakra and Al Wukair Sewage Treatment Works
ТА	Transaction Advisor consists of PricewaterhouseCoopers, Mott MacDonald and Eversheds Sutherland
Term	Time period between COD and handover (25 years)
TPS	Terminal Pump Station
TSE	Treated Sewage Effluent
TSE Facilities	Treated Sewage Effluent management facilities
USD	United States Dollars

Disclaimer

All information contained in this RFQ, including inter alia financial, geographical, commercial, legal and technical information, has been included for illustrative and indicative purposes only to assist companies and consortia in making their own evaluation of the Project. Each Respondent shall be solely responsible for satisfying itself as to the information required to submit an SOQ for the Project.

Respondents should make their own investigations, projections, conclusions and consult their own advisors to independently verify the information contained in this RFQ and to obtain any additional information they might require prior to submitting the SOQ.

Whilst the information contained in this RFQ has been prepared in good faith, it does not purport to be comprehensive and it does not purport to have been independently verified. Neither Ashghal nor their respective employees, agents or advisors make any representation or warranty, express or implied, with respect to the veracity, adequacy, accuracy, reasonableness or completeness of the information contained in this RFQ or with respect to the information on which it is based or in respect to any written or oral information or representation given or made, or to be given or made, by Ashghal or any of its advisors to any company or Consortium or to its or their professional advisors, whether given or made prior to or after the issue of this RFQ (collectively, the "Information").

Ashghal, its employees, agents and its advisors hereby expressly disclaim any and all liability arising out of or in relation to the Information (including in relation to omissions therefrom) and in respect of the use of and/or reliance on such Information by companies or consortia and/or its or their advisors.

This RFQ does not purport to commit or bind Ashghal in any manner whatsoever to proceed to the RFP stage or to the awarding of a contract. Ashghal reserves its absolute, complete and unfettered right to, at any time and for any reason whatsoever, disregard all SOQs and to terminate at will the competitive selection process and may, at its discretion, proceed with the Project in some other manner, with no liability to any party whatsoever.

Each Respondent is solely responsible for all costs it incurs in the preparation of its SOQ, including without limitation all costs of providing information requested by Ashghal, attending meetings and conducting any due diligence. Under no circumstances will Ashghal or any of its advisors be liable for any costs or expenses borne by the Respondent or any of its advisors in this process, nor shall they be liable for any damages or consequential damages whatsoever, which may arise out of the process.

Ashghal reserves the right, in its absolute discretion, with no liability whatsoever to:

a. amend the scope of the Project, modify, cancel or suspend the RFQ process or any or all stages of the procurement process, at any time for any reason;

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- b. waive a defect or irregularity in the form or content of any RFQ;
- c. re-advertise for new responses, call for tenders, or enter into negotiations for this Project or for work of a similar nature;
- d. make any changes to the terms of business opportunity described in this RFQ; and
- e. extend, from time to time, any date, time period or deadline provided in this RFQ.

All SOQs submitted to Ashghal shall become the property of Ashghal immediately upon such submission.

1. General Information

The State of Qatar continues to grow rapidly and in line with national and sectoral objectives and strategies based on a long term national vision that extends up to the year 2030 (Qatar National Vision for the year 2030). This vision has stipulated that growth must be carefully planned to preserve Qatar's natural resources through sustainable practices and the overall quality of life in the country whilst protecting the environment. Growth will also generate demand for major improvements and expansion of basic services including wastewater collection, transportation, treatment and disposal.

Ashghal was established in 2004 to be responsible for the planning, design, procurement, construction, delivery, and asset management of all infrastructure projects and public buildings, such as schools and hospitals, in Qatar.

To support the Qatar National Vision 2030, Ashghal is planning the development of a Sewage Treatment Plant with a capacity of 150,000 cubic meters per day for the AI Wakra and AI Wukair areas (hereafter referred to as the Project), as a PPP. Ashghal is looking for suitably qualified private sector developers for this Project.

Ashghal has appointed a team of advisors led by PricewaterhouseCoopers, along with Mott MacDonald as the Technical Advisor and Eversheds Sutherland as the Legal Advisor (together the "Transaction Advisor" or "TA").

This **Request for Qualification** ("RFQ") is in relation to the development of the Project. The RFQ Respondent is requested to submit a **Statement of Qualification** ("SOQ") by responding to this RFQ.

Qualified Respondents from this RFQ stage will be invited to respond to a Request for Proposal ("RFP") in accordance with the indicative timeline set out in Section 3.1.

2. Project Background

2.1 Background information on AI Wakra and AI Wukair

The AI Wakra and AI Wukair areas have experienced significant population growth and development in recent years leading to higher wastewater flows and the need to upgrade the existing wastewater infrastructure.

The estimated wastewater flows from Al Wakra, Al Wukair, Qatar South and Al Hadharma, wastewater diversion flows from IA-STW and DS-STW, and diversion flows to Hamad International Airport are provided in Table 1.

It is planned that DS-STW will be decommissioned in 2030. Therefore, Ashghal may consider expansion of the new sewage treatment plant in the near future to accommodate flows from the Doha South catchment area as indicated in Table 1.

	2024	2024	2022	2045
	2024	2024	2030	2045
Contributing areas	Average Flow	Average Flow	Interim Flow	Build Out
	(Low Case)	(Base Case)		
Al Wakra	35,322	35,322	50,322	55,322
Mashaf	6,000	8,079	10,546	11,717
Al Wukair	33,207	33,207	45,347	56,154
Qatar South		6,088	36,236	54,151
Industrial Area	30,000	60,000	90,000	120,000
Al Hadharma		10,000	30,000	40,000
Doha South			245,000	270,000
Flows diverted to	-20,000			
Hamad				
International				
Airport*				
Allport				
Total	84,529	152,695	507,450	607,344
	85,000	150,000	500,000	600,000

Table 1: Estimated wastewater flows for the Project in cubic meters per day

*The Base Case assumes no wastewater flows are diverted to Hamad International Airport.

Source: Ashghal

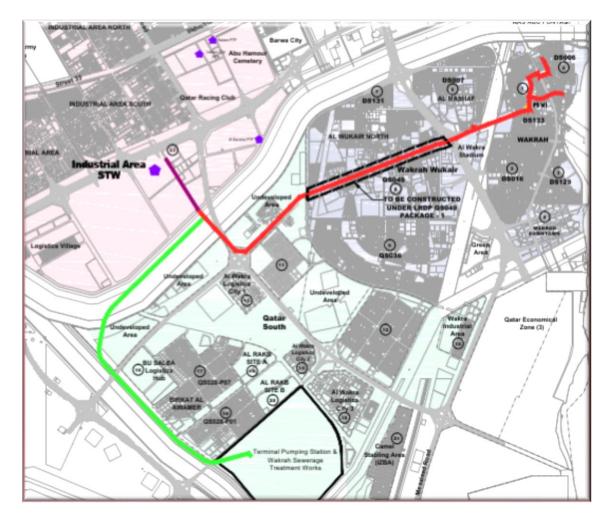
QUALIFICATION PROCEDURES AND SERVICE REQUIREMENTS

Ashghal plans to develop the wastewater infrastructure for Al Wakra and Al Wukair, which includes conveyance infrastructure for transmission of the above projected flows through series of gravity tunnels (the Network), Terminal Pumping Station, Al Wakra and Al Wukair Sewage Treatment Works and Treated Sewage Effluent management facilities.

Ashghal plans to develop the Network separately (outside of the scope of this Project) through an Engineering, Procurement and Construction (EPC contract) prior to 2024 to gravitate the flows to the STW from the respective catchments.

The indicative layout of the Al Wakra and Al Wukair wastewater infrastructure is shown in Figure 1.

Figure 1: Indicative Layout of the wastewater Infrastructure for the AI Wakra and AI Wukair areas



Source: Ashghal

2.2 Project Scope

The Project scope includes provision of a Terminal Pump Station, the Wakra Sewage Treatment Works, and Treated Sewage Effluent management facilities. The STW shall also consist of sludge treatment facilities to treat indigenous and imported sludge from other STW sites in Qatar and produce treated sludge that can be disposed of in a landfill, used as fertilizer, or incinerated as needed. These are described in more detail below:

- A. TPS, including OCF for the TPS and MTS-03:
 - The TPS will be located on a dedicated undeveloped site within the overall STW site and will be capable of handling an average flow of 600,000 cubic meters per day with a peak factor of two (2)
 - The TPS will screen and lift the flow from MTS-03 and discharge to the STW inlet works. The TPS structure will include two deep-shaft structures including a screen shaft and pump shaft without sharing any common walls
 - The TPS will also include a number of functions, such as tunnel ventilation / odour control, flow splitting, tunnel isolation using valves, rock trapping, coarse screening with skip bin load-out, pumped scum removal, wet well level control, STW and isolation of the pump shaft and all necessary plants and equipment for the safe operation, control and maintenance of the TPS
 - The TPS will also include an OCF serving both the TPS and MTS-03.
- B. The Wakra STW, including primary, secondary and tertiary treatment units, sludge treatment and management facilities and odor control units:
 - The STW will have capacity to treat average flows of 150,000 cubic meters per day with a peak factor of 2 delivered through MTS-03
 - The STW will include liquid treatment stream including primary treatment, secondary treatment, and tertiary treatment along with disinfection facilities designed to produce TSE
 - The STW will also include solid treatment stream to treat sludge produced from the STW and imported sewage sludge from other locations to produce treated sludge that can be disposed of in a landfill, used as fertiliser, dried or incinerated as needed
 - The STW liquid treatment stream will include a tanker discharge facility
 - The STW liquid treatment stream will include preliminary treatment comprising of incoming tunnels, inlet works with blending and mixing chambers, inlet fine screens and screenings handling plant, detritors or grit removal plant and grit handling plant, storm lagoon and return pumping station, return liquor pumping station and odour control units

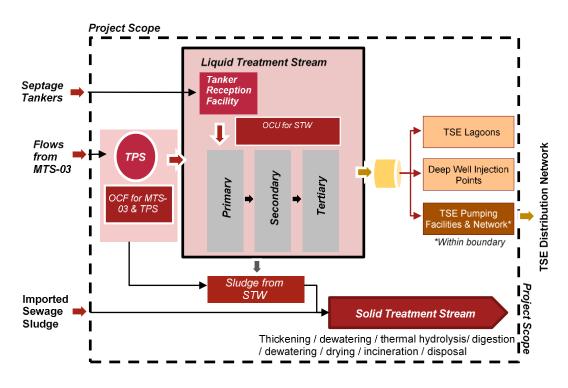
- The STW liquid treatment stream will include primary treatment based on radial flow sedimentation tanks
- The STW liquid treatment stream will include secondary treatment based on biological treatment units
- The STW liquid treatment stream will include tertiary treatment consisting of rapid gravity filters / disc filters, ultra-filtration units and associated cleaning chemical storage, dosing systems and process air plant, UV treatment system and associated permeate and backwash tanks, chlorination facilities and chlorine contact tank for maintaining residual chlorine in the TSE, TSE storage tanks, multipurpose lagoons and return pumping station
- A complete chemical treatment plants at various required points within the liquid stream treatment processes for phosphorus removal to meet TSE consent shall be provided
- The STW solid treatment stream will be equipped to treat primary and secondary sludge produced from the STW and imported sludge from other locations. The STW solid treatment stream will comprise of state of the art sludge management facilities for sludge preparation and conditioning, sludge thickening/dewatering, sludge digestion, digested sludge dewatering, sludge drying, incineration to produce treated sludge that can be disposed of in a landfill, used as fertiliser, or incinerated as needed
- A sludge liquor treatment plant shall be provided to pre-treat liquors generated from the sludge treatment facilities before returning it back to the STW for full treatment
- The STW will have odour control units to treat mal odours generated from various facilities under the liquid treatment stream and solid treatment stream to prevent emissions in excess of relevant local and international standards
- The STW will have various process building units, non-process building units, power supply and backup facilities, various control systems, Scada elements and all the other facilities to operate the STW uninterrupted and achieving specified TSE quality parameters.
- C. TSE management facilities, including:
 - Lined multipurpose TSE lagoon to store TSE during the rainy season and low demand periods;
 - Deep well injections points;
 - TSE pumping facilities and network up to the STW boundary to pump TSE to different existing or proposed networks;
 - TSE ring main, boosters and storage facilities for utilisation at various points within the STW operations; and

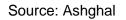
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Potable water storage and booster systems at various points of use within the STW operations.

The general schematic of the Project Scope is shown in Figure 2.

Figure 2: General Schematic of Project Scope



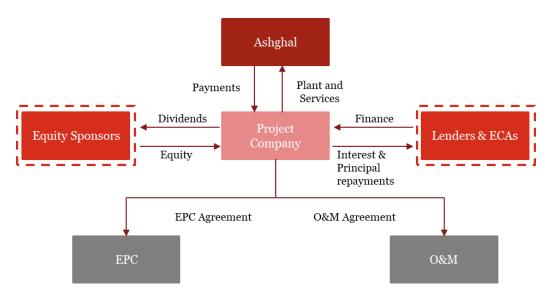


2.3 Contractual and Commercial structure

The Project will be procured on a BOT basis with an operational term of 25 years from COD, whereby the successful Bidder will be responsible for the design, finance, engineering, construction, testing, commissioning, insurance, operation and maintenance of the Project and transfer them back to Ashghal at the end of the concession term.

The indicative commercial structure for the Project is illustrated in Figure 3.

Figure 3: Commercial Structure for the Project



The Project Company will enter into:

- a. a Public Private Partnership Agreement ("PPPA") with Ashghal, setting out how the Project Company will develop and implement the Project on a build, operate and transfer basis; and
- b. other enabling agreements to allow development of the Project.

The Term of the PPPA shall be for 25 years after COD of the Project.

The Project will receive availability payments from Ashghal under the PPPA, subject to a performance regime.

Ashghal's payment obligations are expected to be backed by a government guarantee.

The PPPA will set out the commercial provisions to regulate the foregoing, including a detailed payment mechanism and the regime for deductions, penalties and compensation.

The PPPA will also set out provisions governing the terms of the BOT and the transfer of the Project upon the expiry of the Term of the PPPA.

2.4 Payment Mechanism

The Project will be paid for with availability payments made by Ashghal under the PPPA, subject to a performance regime.

The anticipated payment to the Project Company will be structured as described below:

Payment to Project Company = capacity payments + output payments + supplemental payments;

Where,

- capacity payments shall constitute payment for the available influent treatment capacity and cover equity returns, debt repayments and fixed O&M;
- output payments shall constitute payment for the actual plant output and cover variable O&M; and
- supplemental payments shall constitute payment for electricity required for the Project.

The detailed payment mechanism will be set out in the RFP documentation.

3. Procurement Process

3.1 Procurement Timeline

The procurement process has been designed to deliver a fair, transparent, efficient, practical and timely process for Ashghal. The procurement process is expected to consist of the following stages:

Stage	Indicative timeline			
RFQ Release	14 April 2019			
RFQ Bidder Day	29 April 2019			
SOQ Submission	14 May 2019			
RFP release to Qualified Respondents	June 2019			
RFP Bidder Day	July 2019			
Selection of Preferred Bidder	December 2019			
Project COD	June 2024			

Ashghal reserves, in its sole and absolute discretion, the right to alter the above timeline should it be considered necessary.

3.2 RFQ Stage

This section provides details with respect to the technical, legal and commercial criteria that need to be complied with, as well as, the details of the SOQ submission process, in connection with the selection of Qualified Respondents.

Following the Ashghal evaluation of SOQ submissions, it will issue to all Qualified Respondents a notice of qualification in writing. Ashghal may also choose (in its absolute discretion) to issue a notice to all Respondents who were not selected.

Ashghal reserves its unfettered right, exercisable in its absolute discretion, at any time or at any stage and without notice, to reject any or all of the SOQ(s) and to terminate a Respondent's further participation at any time prior to the execution of the PPPA.

Ashghal reserves the right to contact any of the Respondents with inquiries related to the SOQ.

Neither Ashghal nor its Transaction Advisor shall be under any obligation to return any SOQ submitted by any Respondent or to reimburse any Respondent for any fees, cost or expense incurred in preparing its SOQ.

3.2.1 Capabilities required by the Private Sector:

Respondents should be aware of the overarching criteria that will be applied at the RFQ stage, as set out below:

- a strong track record in developing, owning, operating and maintaining one or more wastewater plants of similar type, technology and general configuration;
- sufficient key personnel with demonstrated experience in similar size of projects and specific technical experience;
- technical abilities to meet the construction and operational requirements;
- international and regional experience in participating in similar projects;
- demonstrated ability to raise finance for similar projects; and
- a sound financial position.

The RFQ Respondents shall be asked to focus on projects conducted during the previous five years, operational and currently under construction, and on projects implemented internationally and in the MENA Region. In case of an RFQ Respondent being a Consortium, it will be required to clearly specify which of the Consortium Members have been involved in each of the examples presented and their role.

The detailed requirements for the SOQ are provided in Section 6 of this RFQ document.

3.3 RFP Stage

Qualified Respondents will be invited to collect the RFP tender document. The RFP tender documents will provide detailed legal, technical and financial background for the Project (including the PPPA) and set out the instructions and guidelines under which the proposals must be prepared and submitted. The RFP will also describe the methodology for the evaluation of the proposals at the RFP stage.

The RFP may include, among other things, the following information:

- instructions to Qualified Respondents;
- terms of reference;
- technical performance specifications and list of deliverables;
- draft PPPA;
- master plan drawings and related reports;
- technical and financial bid form sheets;
- form of funder letter of support;
- form of model audit letter; and
- form of bid bond required at the RFP stage.

3.3.1 Bid Bond

As part of their response to the RFP, Bidders shall be required to submit a bid bond in respect of the performance of their obligations under and arising from the RFP.

3.3.2 Performance Bond

The PPPA will require the successful Bidder to post a performance bond and will include milestones for commencement of construction and achievement of the COD, and achieving minimum guaranteed capacities and efficiencies. Failure to achieve these dates or performance criteria may result in termination of the PPPA and/or a claim under the Performance Bond.

3.3.3 Government Guarantee

It is intended that the State of Qatar will issue a government guarantee guaranteeing the payment obligations of Ashghal under the PPPA. The PPPA will become effective upon the issuance of a law or decree approving the government guarantee. The form of government guarantee will be provided in the RFP.

3.3.4 Financing for the Project

Financing for the Project will be the sole responsibility of the successful Bidder. The Bidder will not be restricted in any way from sourcing finance for the Project from a combination of own resources and from the debt markets. Ashghal recognizes that the successful Bidder may wish to raise limited recourse financing in relation to the Project and that lenders may expect to be afforded certain rights in relation to such financing. Accordingly, if required, relevant Project contracts will contain provisions requiring the counterparties to enter into appropriate direct agreements with the lenders.

As part of the bidding process, Bidders will be required to submit clear evidence of their committed financing with their response to the RFP in order for the bid to be considered for evaluation. The minimum level of commitment required will be stated in the RFP. Those Bidders seeking to finance the Project using non-recourse or limited recourse debt will be required to submit committed financing together with evidence in the form of letters of support from financial institutions to provide the debt financing on these terms. Those seeking to utilize other sources of finance will need to demonstrate and provide similar evidence that the required funding has been allocated for the Project. Bidders shall not be permitted to solicit the involvement of Qatari banks and lending institutions on an exclusive basis.

Ashghal reserves the absolute right to reject any or all proposals or submissions in response to the RFP or modify, annul or cancel the procurement process and note that Bidders will be responsible for costs incurred in preparing their RFP bids.

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Following the issuance of the RFP, representatives of the Bidders will be invited to meet with Ashghal and the Transaction Advisor and visit the site and surrounding area.

4. Legal Framework

There are a number of laws and regulations, which are applicable to this Project. A brief summary of selected provisions of certain laws and regulations applicable to the procurement process is included in this section. The below summary is not exhaustive and is provided for information only. Prior to submitting the SOQ and participating in this procurement process, Respondents should make themselves aware of all applicable laws and regulations which are relevant to this Project.

4.1 Tenders Law Regulating Tenders and Bids (Law No. 24 of 2015) (the "Tenders Law") and Qatar Cabinet Decision No. 22/2016 (the "Executive Regulations")

The two key pieces of legislation, which establish the legal framework in Qatar for applicable public projects, are the Tenders Law and its Executive Regulations.

This Project will be procured in accordance with the Tenders Law and the Executive Regulations and has been designed to meet the requirements of the same in all respects, including with regard to (1) the process used to achieve an agreed contract on a competitive and transparent basis, (2) the risk allocation within the PPPA; and (3) the administration of the PPPA with regard to change orders, extensions of time, and the like. By participating in the procurement process, the Respondent acknowledges having made itself aware of the contents of the Tenders Law and Executive Regulations, and agrees to be bound by the policies and procedures set forth in the Tenders Law and Executive Regulations during the procurement process and, if successful, during the implementation of the PPPA.

4.2 General Tenders Committee (GTC)

In accordance with the Tenders Law and the Executive Regulations, this procurement process shall be overseen by Ashghal's General Tenders Committee (GTC). A representative from the State Audit Bureau shall participate in an oversight role in all meetings of the GTC.

In accordance with the Executive Regulations, the GTC, with the assistance of relevant departments within Ashghal is responsible for the following:

- 1. Ensuring that this procurement process is conducted in accordance with the Tenders Law and Executive Regulations;
- 2. Approving the list of qualified Respondents to be invited to participate in the RFP;
- 3. With the assistance of relevant departments and/or committees within Ashghal, receiving, opening, studying and evaluating the offers submitted in response to the RFP, and making recommendations on the award to the bidder that has submitted the best offer in accordance with the Tenders Law and Regulations, and the specific evaluation criteria for this procurement process as communicated in the RFP; and

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4. Studying and evaluating any requests for amendment of the PPPA, and providing guidance and/or approval, as the case may be, on the same.

Respondents are encouraged to become familiar with the Executive Regulations in order to learn more about the role of the GTC on this Project.

4.3 Consortia

Article 36 of the Executive Regulations provides that consortia made of two or more entities may participate in tenders for public projects covered by the Tenders Law, provided that if the Consortium is awarded the contract, it establishes a local company prior to execution of the contract with the objective of implementing the contract ("Project Company").

Where two or more companies have decided to participate in this procurement process as a Consortium, the Consortium shall submit information, data, and documents both for the whole Consortium and for each company comprised within the Consortium.

In the contractual document forming the Consortium, each participating Consortium should designate a Lead Developer as the chief point of contact and manager of that Consortium. The Lead Developer must be experienced in the sector and hold a shareholding of at least 35% of the Consortium's ownership stake in the Project Company for a minimum period of time to be specified at a later stage, in the RFP. Each other entity within a Consortium is required to have at least a 5% equity interest in the Consortium. Prior to submitting an SOQ, the Consortium Members shall execute a power of attorney granting the Lead Developer the power to represent the other Consortium Members for purposes of the procurement process.

Where an SOQ is submitted by a Consortium, Ashghal shall evaluate the qualifications and capabilities of each Consortium Member separately and then the Consortium as whole to determine whether or not, together, the Consortium meets the qualification criteria. Please note that both foreign and Qatari entities are permitted to pre-qualify on an individual basis or as part of a Consortium, if the relevant entity has, or if a Consortium, such Consortium has at least one member, which has the relevant experience.

Following submission of an SOQ, should entities within a Consortium seek to change their membership structure or levels of participation within such Consortium, the prior written approval of Ashghal is required. In accordance with Article 36 of the Executive Regulations, by submitting an SOQ, the Consortium Members agree that, in the event they are the successful Bidder in this procurement process, they shall form a local entity prior to execution of the PPPA to carry out the Project.

It should be noted that Consortium Members shall not be permitted to participate in more than one Consortium submitting a SOQ (or be an adviser, agent or sub-contractor to Ashghal or any other public authority) with respect to this Project.

4.4 Foreign Investment

The provisions of Qatari law, including conduct of business rules and the Commercial Companies Law (Law No. 11 of 2015), must be complied with in respect of the incorporation of the Project Company.

Further, in accordance with Article 33 of the Executive Regulations, the conditions of the tenders and draft contracts to be concluded with non-Qatari companies shall stipulate an obligation on non-Qatari companies to rely on the domestic market by not less than thirty percent 30% of the total amount of the contract, without prejudice to the conditions and specifications contracted upon accordingly.

The domestic market participation percentage shall include each of the raw materials, the materials manufactured locally, the transport services, security, guarding and procurement services and any other services provided by local companies for the implementation of the Project.

Compliance with the above Qatari domestic market participation requirements for non-Qatari bidders under Article 33 of the Executive Regulations may be excluded from compliance only by express consent of the Minister of Finance, upon recommendation of the head of Ashghal, due to the nature and specificity of the required items, works or services or for the purposes of public interest.

In order to encourage greater participation in the Qatari economy by non-Qatari investors, the State of Qatar has recently enacted Law No. 1 of 2019, which shall allow foreign investments up to 100 percent ownership in all economic sectors subject to the specific legislations regarding commercial activities carried out by Non Qataris and as determined by the executive regulations of the new law. As at the date of this RFQ, the executive regulations for Law No. 1 of 2019 have not been issued, accordingly, the application of this new foreign investment law to this Project has not yet been clarified. Respondent is encouraged to become familiar with applicable law in the State of Qatar with regard to foreign investment, if applicable to Respondent.

4.5 Project Company Legal Form

The Project Company may be incorporated as any form of company permitted under Qatar Law.

4.6 Land Matters

A rental amount to be paid by the Project Company for the use of the Project site will be set by Ashghal and communicated to bidders during the RFP Stage and will not be the subject of competition between the bidders. It is expected to be a nominal value considering the nature of the Project. Title to the site will at all times be held by the State of Qatar (which includes Ashghal). The PPPA and/or any lease(s) of the Project site will set out all of Project Company's rights with respect to the Project site.

4.7 Governing Law and Jurisdiction

The governing law of this RFQ and the RFP shall be Qatari law. Any dispute arising out of or relating to this procurement process shall be resolved by the courts of the State of Qatar.

5. SOQ Submission Instructions

5.1 Statement of Qualifications

SOQ(s) must be submitted in accordance with Section 6 and will be evaluated by Ashghal in accordance with Section 7.

Along with its SOQ each Respondent shall fill and submit the submission letter (Appendix 1) and the Declaration form (Appendix 2).

Ashghal will notify Respondents via email regarding clarifications raised during the SOQ evaluation and subsequently, to Qualified Respondents, the notice of qualification.

Ashghal is seeking submission of completed SOQs from any Respondent or Consortium able to deliver all aspects of the project services outlined in Section 2.2.

5.2 Format of Submission

Each SOQ shall be completed in English in the format provided in Section 6.

Respondents are required to submit their SOQ in electronic format by email (in pdf and MS Word 2007, MS Excel or later). SOQs should be submitted to the email address stated in Section 5.4.

5.3 Rules of Submission

SOQs must be submitted before the deadline of [2:00 pm] Qatar time on [7 May 2019].

Any SOQ submitted after the closing date and time will be excluded from consideration unless Ashghal determines, in its absolute discretion and without having any obligation to do so, that it is appropriate for a late SOQ to be considered.

5.4 Clarifications and Contact

Respondents may submit any clarification or enquiry in respect of this RFQ, the Project or the procurement process by e-mail no later than two (2) weeks prior to the date stated in Section 5.3 to the following e-mail address:

ESD.Tenders@ashghal.gov.qa

Responses to any clarifications will be shared with all entities that have been sent the RFQ.

To maintain a dialogue for as long as possible, Ashghal will accept any comments, observations or feedback from Respondents. These can be included as part of the SOQ submission in accordance with this Section 5 and in the form provided in Appendix 3.

Ashghal or its Transaction Advisor will not organise any one-to-one meetings with the Respondents during this stage of the procurement process.

5.5 Grounds for Disqualification

A Respondent may be disqualified from the procurement process or treated as ineligible to submit an SOQ if any one or more of the following apply:

- the Respondent (or any Consortium Member) is insolvent or there is evidence that the Respondent (or Consortium Member) is likely to become insolvent;
- the Respondent (or any Consortium Member) or its representative has been convicted of a criminal offence relating to the conduct of his/her business;
- the Respondent (or any Consortium Member) or its representative has committed an act of grave misconduct in the course of his/her business;
- the Respondent (or any Consortium Member) or its representative is guilty of serious misrepresentation in providing any information required of it;
- the Respondent is not authorized by its constitutive documents to submit an SOQ;
- the Respondent (or any Consortium Member) is not registered on the professional or trade register of the relevant country in which it is established under conditions laid down by that country;
- where the Respondent has failed to comply with any requirement of this RFQ and/or instructions of Ashghal, including where the SOQ is submitted late, is completed incorrectly or incompletely and/or fails to meet the Ashghal submission requirements;
- where there is a change in identity, control, financial standing or other factors impacting on the selection and/or evaluation process affecting the Respondent (or any Consortium Member); and
- where any of the information contained in the Declaration (Appendix 2) ceases to be true;
- where the Respondent (or any Consortium Member) has been 'blacklisted' by the State of Qatar; and
- the Respondent is subject to any applicable sanctions.

5.6 Ownership of the SOQ

On submission, the SOQ and all copies thereof shall become the property of Ashghal. Ashghal shall be entitled to copy and/or reproduce them and share within Ashghal, with its Transaction Advisor and to appropriate third parties as reasonably required in connection with the Project and/or as required by the applicable law.

5.7 Addendum to the RFQ

At any time prior to the SOQ submission deadline (see Section 5.3), Ashghal may issue addenda to the RFQ. Any such addenda may modify, in any respect, this RFQ or any

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information previously supplied in relation to the RFQ process. Ashghal will endeavour not to issue addenda less than seven (7) calendar days prior to the SOQ submission deadline.

6. Information Sought

Each Respondent shall provide to Ashghal as part of its SOQ submission the information required under this Section 6.

6.1 Overview of the Respondent/Consortium

The following table shall be completed by the Respondent. In the case of a Consortium, the following table shall be completed by the Lead Developer on behalf of the Consortium Members:

6.1.1 EXECUTIVE SUMMARY

Respondent to provide a brief summary of its corporate structure and history and, if a Consortium, the identification of all entities within the Consortium and their role, levels of participation thereof and the identity of the Lead Developer, together with brief summaries of their corporate structures and history.

6.1.2 RESPONDENT – PARTY SEEKING PRE-QUALIFICATION – SUMMARY CORPORATE INFORMATION

Name of Respondent:			
Respondent's registered address:			
Principal contact for correspondence:	Name / Addres	ss / Contact d	etails
Principal shareholders of Respondent:			
Parent company's registered address, telephone, email (if applicable):			
Year of foundation/formation of Respondent (and number of years operating in the water sector if different):			
Year of foundation/formation of parent company (if applicable):			
Number of staff employed by Respondent:			
Respondent's parent company long term unsecured credit rating (if any):	Moody's	S&P	Other
Long term unsecured credit rating of Respondent (if any and if separately rated):	Moody's	S&P	Other

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Key financial information for 2015-2017:	2016	2017	2018
Turnover			
Net income			
Total assets			
Shareholder funds			
			·
6.1.3 PRELIMINARY CONSORTIUM INTENTIC	NS		
Name of proposed Consortium Members (if			
applicable):			
Equity share of each Consortium Member (if			
applicable):			
Potential EPC contractor (if known):			
Potential O&M contractor (if known):			
Potential Main Equipment Supplier (if known):			

6.1.4 ORGANISATIONAL STRUCTURE

A description and / or organisational chart of the organisational and corporate structure of the Respondent (i.e. identity of intermediate shareholders, levels of shareholding and ultimate parent company); or in the case of a Consortium, a description and / or organisational chart of each entity within the Consortium (including, for example, distribution of shareholdings, apportionment of roles and responsibilities within the Consortium (e.g. EPC contractor, O&M contractor etc.), envisaged intra-member agreements and the degree to which a formal relationship exists among the entities within the Consortium at the date of the SOQ etc.)

An organisation chart showing which departments (or in the case of a Consortium, which entities) carry out the design, development, manufacturing, construction, ownership, operation and maintenance of wastewater plants or constituent parts.

A description of the technical, operational and managerial resources available to departments or entities identified in the relevant organisation chart in the period up to the financial close of the Project.

A description of the level of commitment presently displayed by envisaged EPC contractors and/or equipment suppliers and/or O&M contractors, where applicable.

6.2 Respondent's Capability and Strength, Relevant Skills and Experience

The following financial information shall be provided by the Respondent and, where the Respondent is a Consortium, by each Consortium Member. For each Section below, a maximum of five reference projects should be provided and the preference for the reference projects shall be given in the following order:

- projects in the Middle East;
- projects outside the Respondent's home country; and
- projects in the Respondent's home country.

Projects should be listed in date order starting with the most recent first. Where a Respondent states that it withdrew from a project the reasons for withdrawing should also be stated. Please note that Ashghal and its advisors may ask for references for the projects presented.

6.2.1 Ownership Experience

The Respondent shall provide details of the ownership of a maximum of five wastewater treatment projects as a lead developer in the last five years in the format provided in the attached form sheets. The completed form in Excel format must be provided as part of your submission.

Respondent Name:		[Name]				
Home Country of Respondent:		[Country]				
	Total	Project 1	Project 2	Project 3	Project 4	Project 5
Name of project (only include if have/had ownership stake)						
Projects with ownership	0	0	0	0	0	(
rief Description of the Project						
tatus of Project (Financial Close, Construction, Operations + 5yrs)						
ocation of project (country)					The second se	
Project in Home Country, Middle East or International?						
echnology used		ſ	T.			
Project type (must be BOO or BOOT)		[BOO/BOOT]	[BOO/BOOT]	[BOO/BOOT]	[BOO/BOOT]	[BOO/BOOT]
apacity in cubic metres per day	0.0	0.0	0.0	0.0	0.0	0.0
espondents shareholding of the Project Company at COD		0%	0%	0%	0%	0%
Veighted Share of Capacity - COD (cubic metres per day)	0.0	0.0	0.0	0.0	0.0	0.0
espondents current shareholding of the Project Company		0%	0%	0%	0%	0%
Veighted Share of Capacity - Current (cubic metres per day)	0.0	0.0	0.0	0.0	0.0	0.0
eriod during which stake was held from:		0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00
Period during which stake was held to :		0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00

6.2.2 Design and Construction Experience

The Respondent shall provide details of the provision of and/or managing design and construction of a maximum of five wastewater treatment projects in the last five years.

Respondents must provide information in the format provided in the attached form sheets. The completed form in Excel format must be provided as part of your submission.

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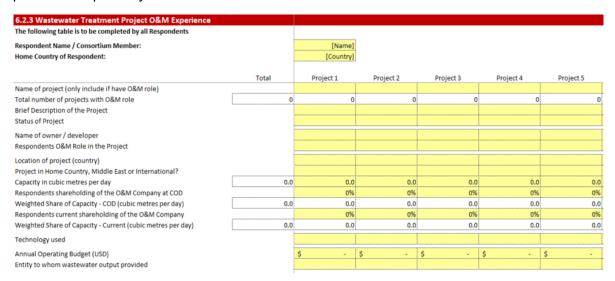
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6.2.2 Wastewater Treatment Project Design and Construction Experience

The following table is to be completed by all Respondents						
Respondent Name / Consortium Member:		[Name]				
Home Country of Respondent:		[Country]				
	Total	Project 1	Project 2	Project 3	Project 4	Project 5
Name of project (only include if have development role)	1					
Number projects developed	0	0	0	0	0	
Brief Description of the Project						
Status of Project (Financial Close, Construction, Operations + 5yrs)						
Location of project (country)						
Project in Home Country, Middle East or International?						
Capacity in cubic metres per day	0.0	0.0	0.0	0.0	0.0	0.
Respondents shareholding of the EPC Company at FC		0%	0%	0%	0%	09
Weighted Share of Capacity - FC (cubic metres per day)	0.0	0.0	0.0	0.0	0.0	0.
Technology used						
Project type (must be BOO or BOOT)		[BOO/BOOT]	[BOO/BOOT]	[BOO/BOOT]	[BOO/BOOT]	[BOO/BOOT
Construction commencement date		0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-0
Scheduled COD		0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-0
Actual COD		0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-0
Owner of the project						
Respondent's role after plant commissioning (e.g. owned, operated						
and/or maintained)						
Project cost (US\$ Million)		\$-	\$-	\$-	\$-	\$-
Sources of funds for project						
Share of Respondents's resources in funding						
Entity to whom TSE output provided						
Duration of contract/concession						
Principal manufacturers of major equipment						
Other Counterparties involved						

6.2.3 Operations and Maintenance Experience

The Respondent shall provide details of the provision of and/or managing operations and management of a maximum of five wastewater treatment projects in the last five years in the format provided in the attached form sheets. The completed form in Excel format must be provided as part of your submission.



6.3 Financial Capability

The following financial information shall be provided by the Respondent and, where the Respondent is a Consortium, by each Consortium Member:

6.3.1 Financial Standing

The following financial information shall be provided by the Respondent (required for each Consortium Member) with regards to its financial standing:

- copies of the last three years' audited financial statements, the latest set of which should be for an accounting period ending no earlier than 12 months before the date of submission of the SOQ (and if accounts are not available then an explanation should be provided). Evaluation will include, but not be limited to, consideration of contingent liabilities, provisions, rights issues, acquisitions and disposals, off-balance sheet finance, gearing and liquidity;
- any published interim accounts (for public limited companies) or management accounts (for non-public companies) relating to periods after the latest audited accounts; and
- copies of any significant company announcements made to the authorities of the stock exchange, market or bourse on which the stocks or shares of the relevant company are publicly traded, since the date of publication of the latest set of accounts.

Along with the above documents, the information shall be provided in the format provided in the attached form sheets.

Financial Year [Local currency]	[Name] [Country] 2016 USD	Financial Year	2017	Financial Year	
[Local currency]				Financial Year	
[Local currency]				Financial Year	~
[Local currency]				Financial Year	
	USD		1100	Discondinguage of the	20
	-		USD	[Local currency]	USD
-	-	-	-		-
			-	-	-
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1		-		-	-
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-	-	-	-	-	-
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-	-	-	-	_	-
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L				L	
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		-		-	
				-	

Please note that the FX rate to be used should be extracted from Bloomberg at 5:00 pm, 5 days prior to SOQ submission date.

6.3.2 Experience of Raising Finance

The Respondent shall provide details of any experience that the Respondent (or any of the Consortium Members) has in respect of raising finance for a maximum of five wastewater treatment projects and other relevant projects over the last five years in the format provided in the attached form sheets.

5.3.2 Finance Raising Capability The following table is to be completed by all Respondents Respondents to provide a list of projects (minimum US\$100M) for	which the Responder	it has developed a f	inancing package (lir	nited recourse or o	therwise) with Fina	ncial Close after 1 J
Respondent Name / Consortium Member: Home Country of Respondent:		[Name] [Country]				
Wastewater Projects Only	Total	Project 1	Project 2	Project 3	Project 4	Project 5
Name Date of Financial Close (only include if after 1 Jan 2013) Date of COD		0-Jan-00 0-Jan-00	å		0-Jan-00 0-Jan-00	0-Jan-00 0-Jan-00
Location Name of Sponsors Role (Equity, EPC, O&M etc)						
Total Project Cost (US\$) (only include if >US\$100 Million)	\$ -	\$ -	ş -	ş -	\$-	\$ -
New Non Recourse Finance Raised (US\$ Million)	\$ -	ş -	ş -	s -	s -	\$ -
New Recourse Finance Raised (US\$ Million) Equity	\$ - \$ -	\$ - \$ -	\$- \$-	ş - S -	\$ - \$ -	\$ - \$ -
Respondents shareholding of the Project Company at Financial	\$	- - 0%				
Weighted Share of Finance - FC (US\$ Million)	0.0				0.0	0.0
Source of Debt Finance (Commercial Bank Market, Islamic Bank Market, Capital Markets, ECA etc Name Finance Providers						
All Other Infrastructure Projects	Total	Project 1	Project 2	Project 3	Project 4	Project 5
Name						
Date of Financial Close (only include if after 1 Jan 2013)		0-Jan-00			0-Jan-00	0-Jan-00
Date of COD		0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00
Location Name of Sponsors Role (Equity, EPC, O&M etc)						
Total Project Cost (US\$) (only include if >US\$100 Million)	\$ -	\$ -	\$ -	ş -	\$ -	ş -
New Non Recourse Finance Raised (US\$ Million)	\$ -	\$ -	ş -	s -	\$ -	\$ -
New Recourse Finance Raised (US\$ Million)	\$ -	\$-	ş -	ş -	ş -	\$ -
Respondents shareholding of the Project Company at Financial	·····	0%			0%	09
Weighted Share of Finance - FC (US\$ Million) Source of Debt Finance (Commercial Bank Market, Islamic Bank	0.0	0.0	0.0	0.0	0.0	0.0

6.4 Legal Compliance

The Respondent shall include in the SOQ a Declaration in the form provided in Appendix 2.

The Respondent shall also provide details of any material (being a sum equal or greater to US\$ 200,000 or equivalent) litigation, arbitration or other legal proceedings (pending, threatened, or determined) relating to any of the projects listed pursuant to Section 6.2 above in the form provided in Appendix 5. The SOQ should describe any relevant matters and the Consortium Members concerned. Such matters will be considered as part of the overall technical evaluation.

7. Evaluation Criteria

7.1 Evaluation Methodology

The evaluation of SOQ(s) will be carried out by Ashghal with assistance from the Transaction Advisor.

Ashghal will evaluate SOQ(s) based on the evaluation criteria detailed in Section 7.3 after SOQ(s) pass the preliminary review including the minimum threshold criteria detailed in Section 7.2. The criteria and weights for scoring are described in Section 7.3.

7.2 Minimum Threshold Requirements

Criteria	Description	
Organisation / Consortium Structure	The Respondent shall provide a clear description and / or organisational chart of the organisational and corporate structure. In the case of a Consortium, there should be a clear allocation of equity stakes among the Consortium Members.	
Current Project and Bid Activity of Organisation / Consortium	The Respondent shall provide a brief description of their current activity with regards to ongoing projects and ongoing bids, not restricted to wastewater. (See Appendix 4 for details.)	
Ownership Capabilities	The Respondent, or in case of a Consortium the Lead Developer, should have experience of owning at least one wastewater treatment project.	
Design and Construction Capabilities	The Respondent should have experience in undertaking and/or managing design, construction, equipping, commissioning of at least one wastewater treatment project.	
Operations and Maintenance Capabilities	The Respondent should have experience undertaking and/or managing operations and maintenance for at least one wastewater treatment project.	
Financial Standing	The Respondent should have a minimum net worth of USD 200 million. In the case of a Consortium, net worth will be calculated as the sum of the net worth of the Consortium Members weighted by the equity share of each Consortium Member.	

The minimum threshold requirements are set out as follows:

Legal	No breach of any requirements in Section 5.5 and Section
	6.4.

SOQ(s) that meet these requirements will be evaluated further according to the criteria in Section 7.3, while those that do not meet these minimum requirements will not be considered for further evaluation.

7.3 Evaluation Criteria

Compliance with the minimum threshold requirements (Section 7.2) is mandatory. If the Respondent has satisfied the minimum requirements, the SOQ will be scored as follows:

Criteria	Description	Weight	Score
Organisation / Consortium Structure	 Clear allocation of roles and responsibilities among the various departments, or in the case of a Consortium, clear allocation of roles and responsibilities among the different Consortium Members, and clear allocation of the equity among the Consortium Members 	10%	10
Financial Capability and Strength	 The financial strength of the Respondent The ability and track record of the Respondent to raise debt financing for projects of similar nature and complexity. 	30%	30
Technical Capability and Strength	 Respondent or Lead Developer's relevant experience of ownership of wastewater treatment projects in the Middle East, in the Respondent's or Lead Developer's home country and outside the Respondent's or Lead Developer's home country Relevant experience of the Respondent or Lead Developer in case of a Consortium, of 	60%	60

Criteria	Description	Weight	Score
	ownership and management of		
	wastewater treatment Projects		
	 Relevant experience in 		
	undertaking and/or managing		
	design and construction for		
	wastewater treatment projects;		
	 Relevant experience in 		
	undertaking and/or managing		
	operations and maintenance for		
	wastewater treatment projects		
Total		100%	100

Note: Although each Consortium Member must provide details of their current project and activity, in accordance with Section 7.2 and as outlined in Appendix 4, this criteria will not be scored.

8. Appendix 1 – Submission Letter

The Submission Letter must be signed by an authorised signatory of the Respondent (or, if in the case the Respondent is more than one company then the letter must be signed by an authorised signatory of each company), and must be submitted as part of the SOQ prior to the SOQ submission deadline.

By executing this submission letter, each Respondent (and each Consortium Member) agrees to the provisions of this RFQ and this submission letter.

[To be printed on Respondent's / Lead Developer's letterhead]

To:

Public Works Authority

Drainage Network Projects Department

Re: Submission Letter

Capitalised terms in this letter ("Submission Letter") shall have the same meaning as in the Request for Qualification ("RFQ") issued by Ashghal.

We certify, represent, warrant, acknowledge and agree that:

- a) we have read, understand and accept the terms and conditions of the RFQ;
- b) the information stated in this Submission Letter and SOQ is both true and correct in every aspect and represents a true reflection of the Respondent, the Consortium Member[s], [its/their] experience, and [its/their] financial position; and
- c) we are authorized to submit this Submission Letter and SOQ.

Duly Executed by the Respondent:

Signature:

Name: [Name of authorized individual]

Title: ______ [Chairman, Vice-Chairman, General Manager, etc.]

For and on behalf of:	[Name of the Respondent entity]
Corporate Seal:	
[In case of a Consortion Members.]	um, the sections below are to be completed by all other Consortium
Duly executed by the I	_ead Developer
Signature:	
Name:	[Name of authorized individual]
Title:	[Chairman, Vice-Chairman, General Manager, etc.]
For and on behalf of:	[Name of the Lead Developer Entity]
Corporate Seal:	
Duly executed by Cons	sortium Member #1
Signature:	
Name:	[Name of authorized individual]
Title:	[Chairman, Vice-Chairman, General Manager, etc.]
For and on behalf of:	[Name of the Consortium Member]
Corporate Seal:	
Duly executed by Cons	sortium Member #2
Signature:	
Name:	[Name of authorized individual]
Name:	[Name of authorized individual]
Title:	[Chairman, Vice-Chairman, General Manager, etc.]
For and on behalf of:	[Name of the Consortium Member]
Corporate Seal:	

9. Appendix 2 – Declaration Form

The Declaration Form must be signed by an authorised signatory of the Respondent (or, if in the case the Respondent is more than one company then the letter must be signed by an authorised signatory of each company), and must be submitted as part of the SOQ prior to the SOQ submission deadline.

[Respondent's / Consortium Members' letterhead]

To:

Public Works Authority

Drainage Network Projects Department

Pursuant to the requirements of the Request for Qualification ("RFQ") issued by Ashghal in respect of the Al Wakra and Al Wukair Wastewater Plant and the submission of our statement of qualification ("SOQ"), we hereby declare by this instrument (the "Declaration Form") without any qualification, reservation or provision that:

- 1. We are a _____ [insert nationality] entity duly established as a _____ (insert form of the entity) [listed at the ______ (enter name of stock exchange in case of a listed entity)] validly existing under the laws of ______ (enter Country/State).
- 2. As of the date of this Declaration Form, the statements, facts, figures and information contained in our SOQ are true, accurate and complete and, to the best of our knowledge, will remain so for the foreseeable future.
- 3. We have taken all necessary actions required under our constitutive documents to enable us to validly submit the SOQ.
- 4. We are not at present and have not been in the past:
 - been subject to any administration proceedings, creditors arrangements, receivership, voluntary receivership, voluntary or involuntary liquidation, judicial restructuring, company voluntary arrangements or other similar proceedings or arrangements;
 - (ii) petitioned for an order of protection for financial distress under the laws of the United Arab Emirates or any laws providing similar protection to entities in financial distress in the jurisdiction in which we operate;
 - (iii) been subject to a declaration of bankruptcy or any such similar proceedings in the Qatar and/or in the jurisdiction in which we operate;

- (iv) violated any of the laws of competition in force in the Qatar and/or in the jurisdiction in which we operate;
- (v) been subject to any proceedings in relation to fraud or corporate crime under the laws of the Qatar and/or in the jurisdiction in which we operate;
- (vi) been convicted of an offence in relation to professional misconduct, mismanagement, breach of trust, embezzlement or appropriation of corporate funds or committed such an act in the course of our trade, business or profession; and
- (vii) been convicted of any offence in relation to money laundering, bribery or corruption in the Qatar and/or in the jurisdiction in which we operate.
- 5. We have satisfied and will continue to satisfy all of our tax liabilities and obligations under all tax regime applicable to us, including the Qatar (if applicable) and all other jurisdictions in which we operate.
- 6. We have satisfied our obligations in respect of the contributions under social security laws the Qatar and/or such similar laws in the jurisdiction in which we operate.
- 7. We have not violated any of our obligations under the employment laws in the Qatar and/or in the jurisdiction in which we operate.
- 8. We have not been convicted of any offence in relation to human trafficking or the funding or supporting of illicit organizations.
- 9. We have not initiated any legal proceedings against Ashghal or any other part of the State of Qatar.

We confirm that the information contained in this Declaration Form is complete, truthful and accurate.

Duly executed by the Respondent/Consortium Member:

Signature:

Name: [Name of authorized individual]

Title: ______ [Chairman, Vice-Chairman, General Manager, etc.]

For and on behalf of:

[Name of the Respondent entity]

Corporate Seal:

10. Appendix 3 – Feedback Form (Optional)

To maintain a dialogue for as long as possible, Ashghal will accept any comments, observations or feedback from Respondents. Please provide the feedback below.

(Maximum 500 words)

11. Appendix 4 – Summary of Current Activity

Each Consortium Member must provide a brief description of their current activity with regards to their:

- a. Ongoing projects (not restricted to wastewater); and
- b. Ongoing bids (not restricted to wastewater).

(This should be limited to two (2) pages, A4 size for each category per Consortium Member.)

For the projects listed, only key information is required – project size, CAPEX, location, project start date and end date for ongoing projects, and estimated start date and end date for bid projects.

12. Appendix 5 – Legal Compliance Form

Has the Respondent had any material (being a sum equal or greater to US\$ 200,000 or equivalent) litigation, arbitration or other legal proceedings (pending, threatened, or determined) relating to any of the projects listed pursuant to Section 6.2?

[Yes / No]

If Yes, then please detail any relevant matters and the Consortium Members concerned.