



هيئة الأشغال العامة
PUBLIC WORKS AUTHORITY

Infrastructure Affairs

PREQUALIFICATION DOCUMENT

FOR PROCUREMENT OF

**DESIGN, BUILD, OPERATE & MAINTAIN (DBOM)
CONTRACTOR**

FOR

**AL DHAKHIRA SEWAGE TREATMENT WORKS,
AL DHAKHIRA TRANSFER PUMPING STATION AND
ASSOCIATED PIPELINES**

PROJECT CODE: DTC 0086

BUDGET REF./CODE:1460058/11320

Project ID: IA-D 13/14 DCOM 03 G

BUDGET TITLE: AL DHAKHIRA SEWAGE TREATMENT WORKS

CIVIL PROJECT: C652

**Public Works Authority
PO Box 22188
Doha
State of Qatar**

November 2012

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SUMMARY

**Public Works Authority
PO Box 22188
Doha
State of Qatar**

November 2012

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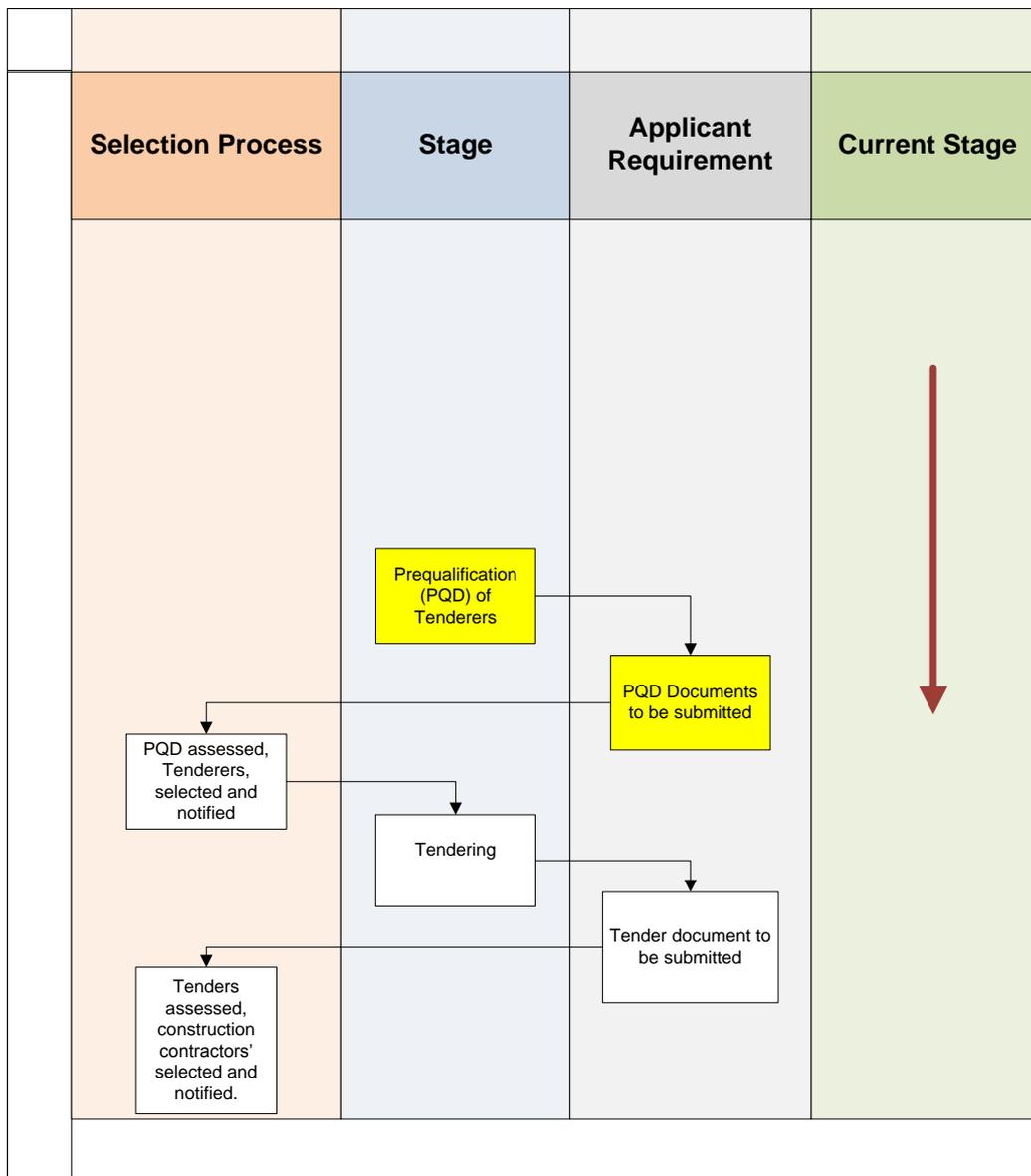
SUMMARY DESCRIPTION

This Prequalification Document consists of:

1. User’s Guide; and
2. Prequalification Procedures and Work Requirements.

Prequalification is a step in the procurement route which shall ultimately lead to invitation to Tender.

Procurement is the stage in a project’s lifecycle by which it progresses from inception and feasibility through to award and this project is following the process shown below:



The procurement process for this project will commence by public invitation.

The purpose of the prequalification process is to provide the basis for the Public Works Authority, (PWA), also known as ASHGHAL, to select a short-list of competent companies or joint ventures for invitation to tender for the project.

Prequalification centres on evaluation of the applicants:

1. Eligibility;
2. Licenses & Registration;
3. Declaration of Pre-Tendering Agreement for Joint Venture;
4. Historical Contract Non-performance record;
5. Financial stability and status;
6. Experience in relation to the size, type and complexity of the Works / services being procured;
7. Key Staff Experience;
8. Health, Safety, Quality & Environment; and
9. Resources, Plant and Equipment.

Consequently previous prequalification for PWA's projects shall not guarantee automatic prequalification for this project.

The Work Requirements in Part 2 of this document provides the scope of works including a drawing showing the main components of the project.

CHECKLIST

(To be completed by individual companies and designated JV Partners)

Note: This checklist is important as it will serve as a checklist of submitted documents for evaluation purposes. Any missing information will have an impact on Applicant's Score. No other documentation, including brochures about your company, additional information etc. must be included in your submission other than what is requested. Submit the original and a further two (2) hard copies, and one (1) soft copy on CD.

Checklist for Prequalification		Applicant Name		
		Applicant Reference		
Documents submitted				√
			Form	Present
				X
				Not present
A	Date & Time Submitted			
Series no.	Category			
1	Eligibility Requirements			
1.1	Conflict of Interest		Application Submission Sheet	
1.2	PWA Ineligibility		Application Submission Sheet	
1.3	Government Owned Entity		Forms ELI- 1.1 & 1.2	
2	Licenses and Registrations			
2.1	Company Registration in Qatar		Form REG – 2.1	
3	Declaration			
3.1	Pre-Tendering Agreement for JV formation.		Form DC-3.1	
4	Historical Contract Non-Performance			
4.1	History of Non Performance		Form - CON –4.1	
4.2	Pending Litigation		Form - CON –4.1	

5	Financial Situation			
5.1	Audited Accounts		Form FIN - 5.1 & FIN - 5.2	
5.2	Current Ratio			
5.3	Profit Margin			
5.4	Return on Assets			
5.5	Debt Ratio			
5.6	Annual Turnover			
6	Experience			
	Applicant Experience Requirements	Requirements Description		
6.1	General Experience. From Prequalification Document as per Section III Sub-section E.	See Section III Sub-section E.	Forms EXP- 6.1, EXP – 6.2& EXP – 6.3	
7	Personnel Capabilities			
	Personnel Capabilities	Requirements Description		
7.1	Experience of key personnel From Prequalification Document as per Section III Sub-section F.	See Section III Sub-section F.	Forms EXP- 7.1& EXP – 7.2	
8	Health, Safety, Quality and Environment			
	Company Policies			
8.1	Safety Management System (SMS) Certified to ISO 18001:2007		Form HSE – 8.1	
8.1	Environment Management System Certified to ISO14001:2004			
8.2	Documented Quality Control / Assurance System		Form QM – 8.2	
9	Resources, Plant & Equipment			
9.1	Resources, Plant & Equipment		Form RS - 9.1	

DOCUMENT USERS GUIDE

PART 1 – PREQUALIFICATION PROCEDURES

Section I. Instructions to Applicants (ITA)

This section specifies the procedures to be followed by applicants in the preparation and submission of the Prequalification Application. Information is also provided on opening of Prequalification documents and evaluation of applications.

The Section I provisions are to be used without modification.

Section II. Application Data Sheet (ADS)

This section identifies the data and provisions that are specific to each Prequalification Invitation and supplements of the information or requirements included in Section I: Instructions to Applicants.

Section III. Qualification Criteria

This section contains the qualification criteria; compliance requirements associated prequalification forms to be used to determine how applicants shall be prequalified and later invited to tender.

Section IV. Application Forms

This section contains the Prequalification Application Submission Sheet and the associated forms to be submitted with the Prequalification Application.

TERMINOLOGY

Prequalification Application:

Shall mean the documents submitted for evaluation and short-listing for Invitation to Tender.

Prequalification Application Submission Sheet:

Shall mean the form in Section IV of this document which shall preface the Prequalification Application.

Prequalification Invitation:

Shall mean the invitation by Public Works Authority, either via public or direct notice, to applicants to submit detailed particulars demonstrating capability in relation to the scope of supplies to be procured.

PART 2 – WORK REQUIREMENTS**Appendix A: Scope of Works (Project Brief)**

Details of Scope of Works are included in this section.

Appendix B: Conditions of Contract

The type of contract will be Design, Build, Operate and Maintain (DBOM) (Lump Sum). The General Conditions of Contract (for use on Design-Build Contracts in Qatar modified for Operate-Maintain as published by Infrastructure Affairs PWA) will be supplemented by Conditions of Particular Application specific to Project C652. A lump-sum firm price will be required from Tenderers.



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PREQUALIFICATION DOCUMENT

FOR PROCUREMENT OF

**DESIGN, BUILD, OPERATE & MAINTAIN (DBOM)
CONTRACTOR**

FOR

**AL DHAKHIRA SEWAGE TREATMENT WORKS, AL
DHAKHIRA TRANSFER PUMPING STATION AND
ASSOCIATED PIPELINES**

PROJECT CODE: DTC 0086

BUDGET REF./CODE:1460058/11320

Project ID: IA-D 13/14 DCOM 03 G

BUDGET TITLE: AL DHAKHIRA SEWAGE TREATMENT WORKS

CIVIL PROJECT: C652

PROCEDURES AND WORK REQUIREMENTS

PART 1 - PREQUALIFICATION PROCEDURES

**Public Works Authority
PO Box 22188
Doha
State of Qatar**

November 2012

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Section I. Instructions to Applicants (ITA)

A. General

- 1. Scope of Application**
 - 1.1 In connection with the Invitation for Prequalification indicated in Section II, Application Data Sheet (ADS), the Public Works Authority (PWA), as defined in the ADS, issues this Prequalification Document to Applicants interested in Tendering for the scope of works described in Part 2 – Work Requirements.

- 2. Source of Funds**
 - 2.1 The scope of works is funded directly by the Government of the State of Qatar.

- 3. Corrupt & Fraudulent Practices**
 - 3.1 The PWA requires that Applicants observe the highest standard of ethics during the procurement and execution of the scope of works. In pursuit of this policy, the PWA:
 - (a) Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. “**Corrupt Practice**” shall mean the offering, giving, receiving, or soliciting of anything of value to influence the action of a Public Official in the procurement process or in contract execution; and
 - ii. “**Fraudulent Practice**” shall mean a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the PWA, and includes collusive practices among Applicants (prior to or after tender submission) designed to establish tender prices at artificial, non-competitive levels and to deprive the PWA of the benefits of free and open competition;
 - (b) May, at its sole discretion, reject a proposal for prequalification if it determines that the Applicant recommended for prequalification has engaged in Corrupt or Fraudulent practices in competing for the Contract.

4. Eligible Applicants

- 4.1 Applicant may be a private, public or government owned legal entity or any combination of them with the formal intent to enter into a joint venture agreement or under an existing joint venture agreement.
- 4.2 Prequalification will be based on a scoring system of the applicant's general and particular experience, technology offered, capabilities of personnel, financial position, litigation history and Quality Assurance specified in the Prequalification Procedures, as demonstrated by the applicant's responses in the attached Application Forms and other requested documentation. Specific requirements for joint ventures are also set forth in Section III, Qualification Criteria, Sub-section G. The Employer reserves the right to waive minor deviations from the criteria, if they do not materially affect the capability of an applicant to perform the contract.
- 4.3 Applicant that is under a declaration of ineligibility by PWA in accordance with ITA 3.1, at the date of submission of the Application or thereafter, shall be disqualified.
- 4.4 Government-owned entities in Qatar shall be eligible only if they can establish that they are legally and financially autonomous, and operate under commercial law, and that they are not dependent agencies of the PWA.
- 4.5 Applicants shall provide such evidence of their continued eligibility satisfactory to the PWA, as the PWA shall reasonably request.
- 4.6 Applicants shall not have a conflict of interest. If any conflict of interest or potential conflict of interest between Applicants, their advisers and those of the PWA becomes apparent, Applicants shall immediately inform the PWA, when the PWA shall, at its absolute discretion, decide on the appropriate course of action. If the PWA becomes aware of any conflict of interest or potential interest that the Applicant has not declared to the PWA, the PWA may at its absolute discretion disqualify the Applicant from consideration.
- 4.7 Where an applicant, its affiliates or parent company, in addition to consulting, also has the capability to manufacture or supply goods or to construct works, that applicant, its affiliates or parent company normally cannot be a supplier of goods or works on a project for which it provides consulting services, unless it can be demonstrated that there is not a significant degree of common ownership, influence or control.

**5. Eligible Goods
and Related
Services**

- 5.1 In preparation of the Prequalification Document Applicants shall be aware of and observe the Government of the State of Qatar's rules and regulations relating to the boycott of Israel.

B. Contents of the Prequalification Document

**6. Sections of
Prequalification
Document**

- 6.1 The document for the prequalification of Applicants (hereinafter "Prequalification Document") consists of parts 1 and 2 which comprise all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITA 8.

PART 1 - Prequalification Procedures

Section I. Instructions to Applicants (ITA)

Section II. Application Data Sheet (ADS)

Section III. Qualification criteria

Section IV. Application Forms

PART 2 - Work Requirements

Appendix A: Details of Scope of Works are included in this section as well as details of the contractor's key personnel that are required.

Appendix B: The type of contract will be Design, Build, Operate and Maintain (DBOM) (Lump Sum). The Form of Contract shall be based on the General Conditions of Contract (for use on Design-Build Contracts in Qatar modified for Operate-Maintain as published by Infrastructure Affairs PWA) supplemented by Conditions of Particular Application specific to Project C652. A lump-sum firm price will be required from Tenderers.

- 6.2 The PWA accepts no responsibility for the completeness of the Prequalification Document and its addenda unless they were obtained directly from the PWA.
- 6.3 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Document and to furnish all information or documentation required by the Prequalification Document.

- 7. Clarification of Prequalification Document**
- 7.1 Applicants requiring clarifications of the Prequalification Document shall contact the PWA in writing at the address indicated in the ADS. The PWA shall respond in writing to any request for clarification provided that such request is received not later than two weeks before the deadline for submission of Applications. The PWA shall communicate to all Applicants full details of the clarification but without identifying its source. Should the PWA deem it necessary to amend the Prequalification Document as a result of a clarification, it shall do so following the procedure under ITA 8 and in accordance with the provisions of ITA 17.2.
- 8. Amendment of Prequalification Document**
- 8.1 At any time prior to the deadline for submission of Applications, the PWA may amend the Prequalification Document by issuing addenda.
- 8.2 Any addendum issued shall form part of the Prequalification Document and shall be communicated in writing to all Applicants.
- 8.3 To give prospective Applicants reasonable time to take an addendum into account in preparing their applications, the PWA may, at its discretion, extend the deadline for the submission of Applications.

C. Preparation of Applications

- 9. Cost of Applications** 9.1 The Applicant shall bear all costs associated with the preparation and submission of its Application. The PWA shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Prequalification Process.
- 10. Language of Application** 10.1 The Application as well as all correspondence and documents relating to the Prequalification exchanged by the Applicant and the PWA, shall be written in the language specified in the ADS. Supporting documents and printed literature that are part of the Application may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the language specified in the ADS, in which case, for purposes of interpretation of the Application, the translation shall govern.
- 11. Documents Comprising the Application** 11.1 The application shall comprise the following:
- a) Application Submission Sheet, in accordance with ITA 12;
 - b) Documentary evidence establishing the Applicant's eligibility to prequalify, in accordance with ITA 13;
 - c) Documentary evidence establishing the Applicant's qualifications, in accordance with ITA 14; and
 - d) Any other document required as specified in the ADS.
- 12. Application Submission Sheet** 12.1 The Applicant shall prepare an Application Submission Sheet using the form furnished in Section IV, Application Forms. This form must be completed without any alteration to its format.
- 13. Documents Establishing the Eligibility of the Applicant** 13.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Sheet and Forms ELI 1.1 and ELI 1.2, included in Section IV, Application Forms.
- 14. Documents Establishing the Qualifications of the Applicant** 14.1 To establish its qualifications to perform the scope of works in accordance with Section III, Qualification Criteria, the Applicant shall provide the information requested in the corresponding Information Sheets included in Section IV, Application Forms.
- 15. Signing of the Application and Number of Copies** 15.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 11 and clearly mark it "ORIGINAL". The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorised to sign on behalf of the Applicant. In the case of

JV, all Parties must sign the documents.

15.2 The Applicant shall submit copies of the signed original Application, in the number specified in the ADS, and clearly mark them "COPY". In the event of any discrepancy between the original and the copies, the original shall prevail.

D. Submission of Applications

16. Sealing and Identification of Applications

16.1 The Applicant shall enclose the original and the copies of the Application in a sealed envelope that shall:

- (a) Bear the name and address of the Applicant;
- (b) Be addressed to the PWA, in accordance with ITA 17.1; and
- (c) Bear the specific identification of this Prequalification i.e. Project name as indicated in the ADS (ITA1.1).

16.2 In addition to the hardcopies, the Applicant shall submit a softcopy on a labelled CD enclosed to the original copy indicated in the ADS. The label should show the project title and the Applicant's name. No boxes, notebooks or leaver arch files are to be submitted.

16.3 The PWA shall accept no responsibility for not processing any envelope that was delivered unsealed or not identified in full accordance with the requirements of the Prequalification Document.

17. Deadline for Submission of Applications

17.1 Applications shall be received by the PWA at the address and no later than the deadline indicated in the Section II - ADS (ITA 17.1).

17.2 The PWA may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Document in accordance with ITA 8, in which case all rights and obligations of the PWA and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

18. Late Applications

18.1 Any Application received by the PWA after the deadline for submission of Applications prescribed in ITA 17 may, at the sole discretion of the PWA, be rejected as non-compliant and remain unopened.

19. Opening of Applications

19.1 The PWA shall prepare a record of the opening of Applications that shall include, as a minimum, the name of the Applicant. A copy of the record shall be available with PWA.

E. Procedures for Evaluation of Applications

- 20. Confidentiality**
- 20.1 Information relating to the evaluation of applications, and recommendation for prequalification, shall not be disclosed to Applicants or any other persons not officially concerned with such process until the notification of prequalification is made to all Applicants.
- 20.2 From the deadline for submission of Applications to the time of notification of the results of the Prequalification in accordance with ITA 28, any Applicant that wishes to contact the PWA on any matter related to the Prequalification Process, may do so but only in writing.
- 21. Clarification of Applications**
- 21.1 After the Application submission closing date, PWA may ask any Applicant for a clarification. The Applicant shall submit, to the address indicated in the ADS (ITA 17.1), its reply within seven (7) calendar days after the clarification date or by the date and time set in the PWA's request for clarification. Any request for clarification and all replies shall be in writing.
- 21.2 If an Applicant does not provide clarifications of the information requested within seven (7) days after the clarification date or by the date and time set in the PWA's request for clarification, its Application may, at the sole discretion of the PWA, be rejected as non-compliant.
- 22. Responsiveness of Applications**
- 22.1 The PWA may reject any Application which is not responsive to the requirements of the Prequalification Document.
- 23. Domestic Applicant Price Preference**
- 23.1 Unless otherwise specified in the ADS, a margin of preference for domestic Applicants shall not apply in the tendering process resulting from this prequalification.
- 24. Specialist Sub-contractors**
- 24.1 Applicants planning to sub-contract any of the key activities indicated in Section III, Qualification Criteria, shall specify the activity or parts of the scope of works to be sub-contracted in the Application Submission Sheet and clearly identify such activities and the proposed specialist sub-contractor(s) in Form ELI-1.2 in Section IV. Such proposed specialist sub-contractor(s) shall meet the corresponding qualification requirements specified in Section III, Qualification Criteria.
- 24.2 The PWA does not intend to execute certain specific parts of the scope of works by contractors selected in advance by the PWA (Nominated Contractor) unless otherwise stated in the ADS.

F. Evaluation of Applications and Prequalification of Applicants

25. Evaluation of Applications

25.1 The PWA shall use all the factors, methods and criteria defined in Section III, Qualification Criteria to evaluate the qualifications of the Applicants and any specialist sub-contractors. The PWA reserves the right to consider other factors or waive minor deviations in the qualification criteria if they do not materially affect the capability of an Applicant to perform the scope of works.

25.2 Only the qualifications of specialist sub-contractors that have been identified in the Application may be considered in the evaluation of an Applicant. However, the general experience and financial resources of sub-contractors may not be added to those of the Applicant for purposes of prequalification of the Applicant.

25.3 Unless otherwise indicated in the ADS, this Prequalification shall be for the Design, Build, Operate & Maintain (DBOM) Contractor for the Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and Associated Pipelines.

26. PWA's Right to Accept or Reject Applications

26.1 The PWA reserves the right to accept or reject any Application, and to annul the Prequalification Process and reject all Applications at any time, without thereby incurring any liability to Applicants.

27. Prequalification of Applicants

27.1 Applicants whose applications have met or exceeded the specified threshold criteria shall, to the exclusion of all others, be prequalified by the PWA. PWA will invite a short-list of qualified Applicants to tender.

28. Notification of Prequalification

28.1 Once the PWA has completed the evaluation of the Applications it shall notify Applicants in writing if they have been prequalified for invitation to tender or not.

29. Invitation to Tender

29.1 After the notification of the results of the prequalification the PWA shall invite tenders from the short-listed Applicants that have been prequalified.

29.2 Tenderers shall be required to provide Tender security acceptable to the PWA in the form and an amount as to be specified in the tender documents, also, the successful tenderers shall be required to provide a Performance security in the form and an amount as to be specified in the tender documents.

30. Changes in Qualifications of Applicants

30.1 Any change in the structure or formation of an Applicant after being prequalified in accordance with ITA 27 and invited to tender shall be subject to written approval of the PWA. Such approval shall be denied if as a consequence of the change the Applicant no longer substantially meets the qualification criteria set forth in Section III, Qualification Criteria, or if in the opinion of the PWA, a substantial reduction in competition may result. Any such changes shall be submitted to the PWA not later than 14 days after the date of the Invitation to Tender.

31. Submissions

31.1 Applicants must not exceed the stated maximum permitted numbers of pages/words in their submissions. For this purpose, "page" means "side of A4 paper". Applicants should print on both sides of each sheet of paper and use only A4 sheets. Text must be only typed in "Arial" font and be no smaller than 10 point, single-spaced with the margins set at 2.5cm. Page header or footer information may be placed in the margin space. Where provisions are made for the answers, they must be typed in the relevant boxes/space provided in this document. No additional attachments are permitted other than what is requested.

31.2 All written submissions, questions, queries, communications and the like between Applicants and the PWA must be in English. Applicants must answer all questions accurately and concisely as possible and monetary values must be stated in QAR. Failure to furnish the required information, make a satisfactory response to any question or supply required documentation will have an impact on Applicant's score or Applicant may not be invited to participate further.

Note: Applicant's attention is drawn to the three hard copies (Original & Two Copies) and a soft copy on a Compact Disk (CD) which must be included as part of the submission. No other documentation, including brochures about your company, additional information etc. should be included in your submission other than what is requested. No boxes, notebooks or leaver arch files are to be submitted.

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Section II. Application Data Sheet (ADS)	
A. Introduction	
ITA 1.1	The identification of the Invitation for Prequalification is: <i>Application to Prequalify for Al Dhakhira STW Civil Project C652</i>
ITA 1.1	The name of the Project is: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and Associated Pipelines Civil Project C652
ITA 4.1	Multiple Partnerships (up to a maximum of three partners) of Local Commercially Registered Qatari Companies and JV are allowed. However the specific Joint Venture Requirements set out in Part 1: Prequalification Procedures, Section III Qualification Criteria, Part G: Joint Venture Requirements must be complied with.
B. Prequalification Document	
ITA 7.1	For clarification purposes only, the PWA's address is: As per the invitation letter
C. Preparation of Applications	
ITA 10.1	The language of the application as well as of all correspondence is: English
ITA 15.1 & 15.2	In addition to the original, the number of copies to be submitted with the application is: Two hardcopies and one softcopy (on a CD).
D. Submission and Opening of Applications	
ITA 17.1	For application submission purposes only, the PWA's address is: As per the invitation letter. The deadline for application submission is: As per the invitation letter.

E. Evaluation of Applications	
ITA 23.1	No price preferences for domestic tenderers shall be applied.
ITA 24.2	<p>The PWA does NOT intend to execute certain specific parts of the scope of work by Contractor selected in advance (Nominated Sub-Contractor) except for the following:</p> <p>Mechanical and Electrical Installation: Local Mechanical and Electrical Sub-contractors will require to be listed in PWA's Approved List of M&E Contractors.</p> <p>Design of Project Components: Local Design Consultants will require to be listed in PWA's Approved List of Design Consultants.</p>

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Section III - Qualification Criteria

A. General

Section III identifies the:

- Qualification criteria;
- Compliance requirements; and
- Associated prequalification forms

that the PWA shall use to evaluate the prequalification applications.

To be prequalified an applicant firm or joint venture must demonstrate to the PWA that it substantially satisfies the requirements regarding experience, personnel, financial position and litigation history, specified below.

(The “Prime Contractor” is defined as the chief contractor who has a contract with the Employer or Owner of a project, and has the full responsibility for its completion. A prime contractor undertakes to perform a complete contract, and may employ (and manage) one or more subcontractors to carry out specific parts of the contract.

The “Lead Partner” is the party nominated by the Joint Venture as the “Lead Partner”

NOTE: ‘nature and complexity similar to those of the Works in the proposed contract shall be interpreted as follows:

- **Similar nature** means wastewater treatment works (including ultrafiltration and disinfection) treating municipal wastewaters i.e. wastewater from a combination of domestic, industrial, commercial and institutional properties; forwarding pumping stations and rising mains
- **Similar complexity** means mixed process, civil, structural, mechanical, electrical, instrumentation and control works for wastewater treatment works, forwarding pumping stations and rising mains including Final Detailed Design, Operations and Maintenance.
- **The minimum value** that will be taken into consideration is either the total contract value, when the Applicant was acting as sole contractor, or the share of the total contract value corresponding to its share of **the joint-venture** participation, when the Applicant was member of a joint-venture;
- **The last 10 years** shall be understood as the period: 1st January 2003 – up to the deadline for submission of tenders;
- **References from owners of all (DBOM) projects of a similar nature and complexity** to the proposed contract completed within the last ten years shall be attached.

The applicant firm or joint venture shall meet the following minimum criteria which supplement the compliance requirements listed in the Compliance Table in Sub-section H:

B. Licences and Registrations (Series No. 2)

- (a) Applicants should also be registered in one of the professional or trade registers in the country of their principal place of business and relevant to the nature of this contract.
- (b) Applicants should note that in addition to successful prequalification they will be required to meet Qatari Registration requirements in order to tender.

C. Historical Contract Non-Performance (Series No. 4)

Litigation History: The applicant shall provide accurate information on any current or past litigation or arbitration resulting from contracts completed or under execution by him over the last two years. A consistent history of awards against the applicant or any partner of a joint venture may result in failure of the application.

D. Financial Situation (Series No. 5)

- (a) Average annual turnover as prime contractor (defined as billing for works in progress and completed) over the last four years of Qatar Riyals 2,000,000,000 equivalent.
- (b) The applicant shall demonstrate by means of bank or other financial references that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means sufficient to meet the construction cash flow for the contract for a period of four months, estimated as not less than QR30,000,000 per month equivalent, taking into account the applicant's commitments for other contracts.
- (c) The audited balance sheets for the last four years shall be submitted and must demonstrate the soundness of the applicant's financial position, showing long-term profitability. Where necessary, the Employer will make inquiries with the applicant's bankers.

E. General Experience (Series No. 6)

- (a) Applicant shall have minimum 10 years as a prime contractor in wastewater treatment treating primarily municipal effluent.
- (b) Successful experience for each discipline in (i) process design, (ii) civil design (including structural design), (iii) civil construction (including structural, building and water retaining structures construction), (iv) M&E design and (v) M&E installation on a minimum of two STW plants, treating primarily municipal effluent, each of minimum value Qatar Riyals 200,000,000 in the last ten years.
- (c) Successful experience in the execution of at least two design and build projects of a nature and complexity comparable to the proposed STW contract within the last ten years.
- (d) Execution of at least two nutrient removal followed by ultrafiltration sewage treatment plants of capacity greater than 10MLD average daily flow, treating primarily municipal effluent in the Middle East, Arabian Gulf and/or an equivalent climate, in the last ten years.
- (e) Execution of at least two projects over Qatar Riyals 500,000,000 or equivalent

value in the last five years.

- (f) Successful operation for a period of at least five years of one nutrient removal followed by ultrafiltration sewage plant treating at least 10MLD average daily flow.
- (g) Execution of at least two foul sewage transfer pumping stations (TPS) of peak flow capacity greater than 500 L/s in the last ten years.
- (h) Successful experience for each of the following disciplines (i) civil design (including structural design), (ii) civil construction (including structural, building and water retaining structures construction), (iii) M&E design and (iv) M&E installation on a minimum of two foul sewage transfer pumping stations (TPS) in the last ten years.
- (i) Design and construction of at least two rising main contracts in the last ten years for pipelines with sizes exceeding 500 mm diameter and length exceeding 20 kilometres.
- (j) Successful operation for a period of at least one year of a sewage transfer pumping station (TPS) and associated rising mains of peak flow capacity greater than 500 L/s.

F. Personnel Capabilities (Series No. 7)

The applicant shall provide suitably qualified personnel to fill the following positions. For each position the applicant will supply information (in Form 5) on a first choice candidate and an alternate, each of whom should meet the experience requirements specified below.

Successful applicants will be obliged to offer these personnel or equivalent in their tender.

Position	Total experience (years)	In similar works (years)	As manager of similar works (years)	Experience in the Gulf (Years)
Project Director	20	10	5	Not required
Civil Works Site Manager – STW	20	10	5	5
M&E Project Manager – STW	20	10	5	5
Civil Works Site Manager – Sewage Transfer Pump Station	20	10	5	5
Civil Works Site Manager – Pipelines	20	10	5	5
M&E Project Manager – Sewage Transfer Pump Station and Pipelines	20	10	5	5

Lead Process Scientist	15	7	Not required	5
------------------------	----	---	--------------	---

G. Joint Venture Requirements (General)

The table provided below summarises the requirements for Joint Ventures and the parties within Joint Venture agreements, with reference to the Sub-sections above. Note that it is a requirement of this Prequalification that the Joint Venture should comprise a maximum of three partners, at least one of whom is a M&E Contractor specialised in wastewater treatment Plants and Sewage Transfer Pumping Stations and at least one of whom is a Civil Engineering Contractor. Examples of interpretation of the table are provided below.

Examples of reading the table (all clauses refer to Sub-section E above and Series No. 6 in the Compliance Table);

- 1) If you are the Lead Partner and you are a Civil Engineering contractor you require 1 nr reference satisfying Clause 6 (b) (iii) for STW Civil Engineering Construction, 1 nr reference satisfying Clause 6 (h) (ii) for Foul TPS Civil Engineering Construction and 1 nr reference satisfying Clause 6 (i) for Rising Main Construction. If you are the Lead Partner and you are a M&E contractor you require 1 nr reference satisfying Clause 6 (b) (v) for STW M&E Installation and 1 nr reference satisfying Clause 6 (h) (iv) for Foul TPS M&E Installation. The Lead Partner does not need both Civil and M&E references.
- 2) If you are the Lead Partner and a Civil Engineering Contractor you do not need process design experience. If you are the Lead Partner and you are a M&E contractor then you need 1 nr reference on process design.
- 3) The Joint Venture requires 2nr references for STW Civil Engineering Construction (Clause 6 (b) (iii)), 2nr references for Foul TPS Civil Engineering Construction (Clause (h) (ii)) and 2nr references for Rising Main construction (Clause 6 (i)); these can include the projects quoted under the Lead Partner if applicable. Similarly the JV requires 2nr references for STW M&E Installation (Clause 6 (b) (v)) and 2nr references for Foul TPS M& E Installation (Clause 6 (h) (iv)); these can include projects quoted under the Lead Partner if applicable.

JV Requirements

Series/ Clause	Criteria	Partner's Discipline	Criteria Applicable to		
			Lead Partner Requirement	*(see below)	Joint Venture
5 a)	Average Turnover	Civil & M&E	> QR 1 000m	> QR 500m	> QR 2 000m
6 a)	Minimum Years as prime contractor	Civil & M&E	10 years	5 years	Not Applicable
6 b)(i)	Experience in STW Process Design	M&E	1nr reference	1nr reference	2nr references
6 b)(ii)	Experience in STW Civil Engineering Design	Civil	Not Required	Not Required	2nr references
6 b)(iii)	Experience in STW Civil Engineering Construction	Civil	1nr reference	1nr reference	2nr references
6 b)(iv)	Experience in STW M&E Design	M&E	1nr reference	1nr reference	2nr references
6 b)(v)	Experience in STW M&E Installation	M&E	1nr reference	1nr reference	2nr references
6 c)	Execution of D&B projects of similar complexity	M&E	1nr reference	1nr reference	2nr references
		Civil	1nr reference	1nr reference	
6 d)	Execution of Nutrient Removal followed by ultrafiltration Sewage Treatment Plants >10MLD	M&E	1nr reference	1nr reference	2nr reference
		Civil	1nr reference	1nr reference	
6 e)	Execution of 2 projects of value over QR500m	M&E	1nr reference	Not required	2nr references
		Civil	1nr reference	Not required	
6 f)	Operation of >10MLD Nutrient Removal followed by ultrafiltration sewage treatment works	Process Operator	Not eligible	N/A	1nr reference
6 g)	Execution of Foul Sewage Transfer Pumping Stations >500L/s.	M&E	1nr reference	1nr reference	2nr references
		Civil	1nr reference	1nr reference	
6 h)(i)	Experience in Foul TPS Civil Engineering Design	Civil	Not Required	Not Required	2nr references
6 h)(ii)	Experience in Foul TPS Civil Engineering Construction	Civil	1nr reference	1nr reference	2nr references
6 h)(iii)	Experience in Foul TPS M&E Design	M&E	1nr reference	1nr reference	2nr references
6 h)(iv)	Experience in Foul TPS M&E Installation	M&E	1nr reference	1nr reference	2nr references
6 i)	Execution of Rising Main Contracts with $\varnothing \geq 500$ mm and length ≥ 20 km	Civil	1nr reference	1nr reference	2nr references
6 j)	Operation of Foul Sewage Transfer Pumping Station and Rising Mains >500L/s	Process Operator	Not eligible	N/A	1nr reference

***Partners undertaking more than 40% of the Project Value**

- a) For joint ventures, the Lead Partner within joint ventures, Qatari partners undertaking more than 40% of the contract value and other non-Qatari partners must satisfy the respective minimum qualification requirements, indicated in the table above.
- b) Qatari partners must be Grade A Civil Engineering Contractors.
- c) The partner responsible for the process design shall meet all the experience requirements under 6 d) above.
- d) The joint venture must satisfy collectively the criteria for personnel capability and financial position stated above, for which purpose the relevant figures for each of the partners shall be added to arrive at the joint venture's total capacity.
- e) Individual partners must each satisfy the requirements for audited balance sheets and litigation.
- f) The full physical requirements for comparable nature and complexity shall be met by the joint venture.
- g) The requirements for Quality Assurance shall be met by the Lead Partner.

H. Compliance Table

The following table summarises the:

- Qualification criteria;
- Compliance requirements; and
- Associated prequalification forms

that the PWA shall use to evaluate the prequalification applications.

AL DHAKHIRA SEWAGE TREATMENT WORKS, AL DHAKHIRA TRANSFER PUMPING STATION AND ASSOCIATED PIPELINES

Qualification Criteria			Compliance Requirements				Submission Requirements
Series No.	Subject	Requirement	Single Entity	Joint Ventures			
				Existing or Intended JV	Each Party	One Party	
1. Eligibility							
1.1	Conflict of Interest	No conflicts of interest, as described in ITA Sub-Clause 4.6	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Sheet
1.2	PWA Ineligibility	Not having been declared ineligible by the PWA, as described in ITA Sub-Clause 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Sheet
1.3	Government Owned Entity	Applicant required to meet conditions of ITA Sub-Clause 4.4	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2
2. Licenses and Registrations							
2.1	Local Commercial Registrations	Company must have commercial registration with the State of Qatar. In the case of Joint Venture a completed Declaration to Commit to Registration process.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form REG – 2.1

AL DHAKHIRA SEWAGE TREATMENT WORKS, AL DHAKHIRA TRANSFER PUMPING STATION AND ASSOCIATED PIPELINES

Qualification Criteria			Compliance Requirements				Submission Requirements
Series No.	Subject	Requirement	Single Entity	Joint Ventures			
				Existing or intended JV	Each Party	One Party	
3. Declaration							
3.1	Pre-Tendering Agreement for Joint Venture	Joint Venture Agreement	N/A	Must meet requirement	Must meet requirement	N/A	Form DC -.3.1
4. Historical Contract Non-Performance							
4.1	History of Non-Performing Contracts	Non-performance of a contract did not occur within the last two (2) years prior to the deadline for application submission based on all information on fully settled disputes or litigation.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON – 4.1
4.2	Pending Litigation in Qatar	All pending litigation shall not represent in total more than twenty five percent (25%) of the Applicant's net worth and must be treated as resolved against the Applicant.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON – 4.1

AL DHAKHIRA SEWAGE TREATMENT WORKS, AL DHAKHIRA TRANSFER PUMPING STATION AND ASSOCIATED PIPELINES

Qualification Criteria			Compliance Requirements				Submission Requirements
Series No.	Subject	Requirement	Single Entity	Joint Ventures			
				Existing or intended JV	Each Party	One Party	
5. Financial Situation							
5.1	Financial Performance	Submission of independently audited financial statements (in English) for the last four (4) years indicating the breakdown of local and international turnover.	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 5.1 & Form FIN – 5.2
6. Experience							
6.1	General Experience	Experience in the design, construction, operation and maintenance of Sewage Treatment Plants, Sewage Transfer Pumping Stations and Rising Mains, which includes a representative portfolio of projects, as per the criteria in Section III, Sub-section E, prior to the applications submission deadline.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form EXP – 6.1, Form EXP – 6.2 & Form EXP – 6.3

AL DHAKHIRA SEWAGE TREATMENT WORKS, AL DHAKHIRA TRANSFER PUMPING STATION AND ASSOCIATED PIPELINES

Qualification Criteria			Compliance Requirements				Submission Requirements
Series No.	Subject	Requirement	Single Entity	Joint Ventures			
				Existing or intended JV	Each Party	One Party	
7. Personnel Capabilities							
7.1	Experience in designing, construction, operating and maintaining Sewage Treatment Plants, Sewage Transfer Pumping Stations and Rising Mains.	Provision of suitably qualified personnel to fill the key positions as per Section III, Sub-section F.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form EXP – 7.1& Form EXP – 7.2
8. Health, Safety, Quality & Environment							
8.1	Company Health, Safety & Environment Plan	Health, Safety & Environment Qualification	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form HSE– 8.1
8.2	Company Quality Management Plan	A Quality Management Plan related to the work group of interest	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form QM - 8.2

AL DHAKHIRA SEWAGE TREATMENT WORKS, AL DHAKHIRA TRANSFER PUMPING STATION AND ASSOCIATED PIPELINES

Qualification Criteria			Compliance Requirements				Submission Requirements
Series No.	Subject	Requirement	Single Entity	Joint Ventures			
9. Resources, Plant & Equipment							
9.1	Resources, Plant & Equipment	Provide details of Resources, Plant & Equipment available.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form RS - 9.1

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Section IV. Application Forms

Application Submission Sheet

(to be completed by Individual Company or both parties of the JV Designated Personnel)

Date: _____

To: Public Works Authority

We, the undersigned, apply to be prequalified for the referenced project and declare that:

- (a) We have examined and have no reservations to the Prequalification Document, and all other documents issued in accordance with ITA Clause 8:
- (b) We, including any Sub-contractors for any part of the scope of supplies subject to this Prequalification do not have any conflict of interest, in accordance with ITA Sub-Clauses 4.6 and 4.7;
- (c) We, including any Sub-contractors for any part of the scope of supplies subject to this Prequalification, have not been declared ineligible by the PWA's nor State of Qatar's laws or official regulations;
- (d) We are not a government owned entity.
 We are a government owned entity and we meet the requirements of ITA Sub-Clause 4.4.
- (e) We, in accordance with ITA Sub-Clause 24.1, plan to subcontract the following key activities and/or parts of the Works:

Activities	Sub-contractor

- (f) We understand that you may cancel the prequalification process at any time and that you are neither bound to accept any Application that you may receive nor to invite the prequalified Applicants to Tender for the Contract subject of this Prequalification, without incurring any liability to the Applicants, in accordance with ITA Clause 26.

Signed:.....

Name:..... in the Capacity of.....

Duly authorised to sign the Application for and on behalf of:

Applicant's Legal Name

Address

Dated on _____ day of _____, _____

Joint Venture Partner (2)

Signed:.....

Name:..... in the Capacity of.....

Duly authorised to sign the Application for and on behalf of:

Applicant's Legal Name

Address

Dated on _____ day of _____, _____

Joint Venture Partner (3)

Signed:.....

Name:..... in the Capacity of.....

Duly authorised to sign the Application for and on behalf of:

Applicant's Legal Name

Address

Dated on _____ day of _____, _____

Form ELI – 1.1

Applicant Information Sheet

*(to be completed by Individual Company or **all** JV parties)*

Date:

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and
 Associated Pipelines - Civil Project C652

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Applicant's legal name:....
In case of JV, legal name of each party:
Applicant's Actual or Intended country of constitution:
Applicant's Actual or Intended year of constitution:
Applicant's Legal Address in country of constitution:
Legal Status of the Company:
Parent Company (if the applicant is a subsidiary company, : give the name and address of the parent company or companies together with the details of affiliation status - % of shareholding)
Number of Years of experience of the Company: (in the State of Qatar, and in countries other than Qatar)
Number of Years of experience of the Parent Company: (in the State of Qatar, and in countries other than Qatar)
Market area covered: National / Regional / International If Regional or International, list countries of operation

Applicant's authorised representative information

Name:

Address:

Telephone/Fax numbers:

E-mail address:

Attached are copies of original documents of:

- 1. In case of single entity, Articles of Incorporation or Documents of Constitution of the legal entity named above (One A4 sheet only)
- 2. In case of JV, Pre – Tender Agreement in accordance with ITA 4.2.
- 3. In case of a government-owned entity, any additional documents not covered under 1 above required to comply with ITA 4.4. (One A4 sheet only)

Form ELI – 1.2

Applicant Information Sheet as per ITA 24.1
(to be completed by all JV Partners/Sub-contractors)

Project Name: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station
and Associated Pipelines - Civil Project C652

Date: _____

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Note that in the case of a JV the evaluation committee will take into consideration the percentage of the joint venture individual JV Partners shall be undertaking.

Applicant's legal name:
JV's party/Sub-contractor legal name:
JV's party/Sub-contractor country of constitution:
JV's party/Sub-contractor year of constitution:
JV's party/Sub-contractor legal address in country of constitution:
JV's party/Sub-contractor authorised representative information Name: Address: Telephone/Fax numbers: E-mail Address:
Attached are copies of original documents of: <input type="checkbox"/> Articles of Incorporation or Documents of Constitution of the legal entity named above (One A4 sheet only) <input type="checkbox"/> In case of government-owned entity, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITA 4.4 (One A4 sheet only). <input type="checkbox"/> In case of JV, Pre – Tender Agreement in accordance with ITA 4.2.

Form REG – 2.1

Company Registrations

(For items 1 to 3, See ITA 4.1)

(to be completed by individual companies or designated JV Partner)

1 Registration in home country (evidence to be provided as supporting information in the submission – One A4 sheet only)					
Year established		Country/Area where registered		Registration/License No.	
2 Registration in Qatar if already exists (evidence to be provided as supporting information in the hard copy submission – One A4 sheet only)					
Year established		Discipline of Registration		Registration/License No.	
3 If not registered in Qatar, please provide details of working arrangement for delivering services in Qatar (One A4 sheet only):					
Prospective sponsor's name		Address and Contact Numbers		Type of Business	
4 Sub-contractors, Overseas Representatives: (If applicable, please list out these other firms in regular participation with you for delivering works).					
Name		Specialisation	Base Location	Years in association	
5 If the Company/Firm is already in, or intends to form, a Joint Venture with one or more other companies/firms for the provision of works, please provide the following information:					
Name of JV partner(s)		Specialisation	Current Address	Contact Person	Contact Details
6 Fields of Specialisation of the Company/Firm/JV					
Major sector			List specific fields(s)		
a. Wastewater Treatment Projects					
b. Pumping Station Projects					
c. Pipeline Projects					

7	Company or JV Structure: Detailed organization chart(s) to be provided as supporting information in the hard copy submission (One A4 sheet only):		
	(a) For the Company/JV submitting for pre-qualification showing the relationships with partners/sub-contractors.		
	(b) For the parent company showing the relationship with the Company (if applicable).		
8	Working Languages(s)	Arabic	English
	Other (Specify):		
9	Firm's Membership of Professional Associations (if applicable):		
	Professional Association	Acronym	Type of Membership
			Member Since (year)

Form DC 3.1

PRE-TENDERING AGREEMENT FOR JOINT VENTURE

THIS AGREEMENT is entered into this ___ day of _____ 20__

BETWEEN:

- (1) [NAME] of [Address];
- (2) [NAME] of [Address]; and
- (3) [NAME] of [Address].

Each singly a "Party" and together the "Parties".

RECITALS:

- A. The Parties wish to co-operate in a joint venture (hereinafter the "Joint Venture") for the exclusive purpose of tendering for and performing a contract (hereinafter the "Contract") in connection with the ***Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and Associated Pipelines - Civil Project C652*** (hereinafter the "Project"), to be appointed by the ***Public Works Authority (PWA)*** (hereinafter the "Authority") in accordance with the following terms and conditions.

It is hereby agreed as follows:

Clause 1

The Parties hereby associate in Joint Venture exclusively for the purpose of jointly preparing a submission and tendering in the name ofJoint Venture or in the sole name of.....(as will be acceptable to the Authority) and to jointly perform the Contract in the event that the Tender is successful.

Clause 2

The Parties engage themselves to pursue the object of this Agreement on the basis of mutual exclusivity and undertake that they or their affiliated companies will not participate with any third parties in tenders for the execution of the Project. This clause shall survive the expiry or termination of this Agreement.

Clause 3

The Joint Venture will be backed by the full resources of the Parties who will be jointly and severally responsible for the proper fulfilment of the Contract, regardless of their respective shares in the Joint Venture. Notwithstanding the Parties' joint and several liabilities towards the Authority under the Contract, the Parties' liabilities as between themselves shall be in accordance with the participation percentage stated in Clause 8 hereto.

Clause 4

It is expressly agreed that the relationship constituted by this Agreement is that of a Joint Venture limited as herein stated, and not that of a partnership.

Clause 5

All decisions regarding the Tender, amendments thereof and execution of the Contract shall be taken by unanimity and recorded in writing between the Parties.

Clause 6

The governing principles of the Joint Venture referred to in Recitals A of this Agreement, which shall be reflected in the Joint Venture Agreement are:

- All rights, interests, liabilities, obligations and risks and all profits or net losses arising out of the Contract and Work Order(s) shall be shared or borne by the Parties in such proportion as is set out in the Joint Venture Agreement.

The participation of the Parties will be as follows:

..... percent (.....%)..... (Joint Venture Member (1))

..... percent (.....%)..... (Joint Venture Member (2))

..... percent (.....%)..... (Joint Venture Member (3))

- The Joint Venture Agreement may create a contractual, Non-Incorporated Joint Venture, or an Incorporated Joint Venture company. In the case of a contractual, non-incorporated Joint Venture, the Parties shall be jointly and severally liable to the Authority for the Joint Venture's performance of its obligations. In the case of a Joint Venture company, the Parties shall be obliged to provide the Authority with acceptable guarantees of the Joint Venture's performance of its obligations.

Clause 7

Immediately upon being awarded the Contract, the Parties shall enter into and sign a final Joint Venture Agreement in order to determine in detail the contractual stipulations governing their co-operation as joint ventures. The Authority reserves the right to audit how the Joint Venture is operating at any stage.

Clause 8

This Agreement shall terminate on any of the following occurrences:

- (a) Failure of the Parties to submit a bid to the Authority, or
- (b) The Tender is unsuccessful, or
- (c) Upon expiry of the validity period of the Tender unless extended by mutual agreement of the Parties, or
- (d) The conclusion of the Joint Venture Agreement as per Clause 9 hereof, or
- (e) The Contract is terminated by the Authority.

The termination of this Agreement in case of occurrence of any of items (a) to (e) of this Clause 8 will not become effective until all securities provided by the Parties for the Tender, if any have been paid to the Authority.

Clause 9

The Parties shall not be entitled to sell, assign, or in any manner encumber their interests or any part thereof in this Joint Venture, without obtaining the prior consent of the Authority.

Clause 10

Each of the Parties agrees to place at the disposal of the Joint Venture the benefit of its individual experience, technical knowledge and skill and shall in all respects bear its share of the responsibility and burden of performing the Joint Venture's obligations under the Contract including the provision of information, advice, personnel and any other required resources.

Clause 11

Each Joint Venture Member shall participate fully in the performance of the Joint Venture's obligations, whether as a Party to the Joint Venture Agreement in the case of a contractual, non-incorporated joint venture or as a shareholder in the case of a joint venture company.

Clause 12

Any bonds, guarantees or indemnities required by or arising out of the Contract or otherwise required for the business of the Joint Venture shall be procured by the Joint Venture and the cost of such bonds, guarantees or indemnities shall be borne by the Joint Venture.

Clause 13

Notwithstanding anything to the contrary, this Agreement shall not be considered as establishing an agency or partnership between the Parties or limiting the power or rights of the Parties each to carry on its separate business for its sole benefit. However, the Parties shall at all times act in good faith and to use their best endeavours to safeguard and further their common interests in relation to the Tender and the Contract.

Clause 14

This Agreement shall be governed by and construed in accordance with the Laws of the State of Qatar and shall be subject to the jurisdiction of the courts thereof.

This clause shall survive the termination or expiry of this Agreement.

AS WITNESS WHEREOF the parties have entered into this Agreement on the date first written above.

Authorised signature(s) of the Joint Venture Member (1)

Name _____

Title _____

In the presence of:

Name _____

Signature _____

Address _____

Authorised signature(s) of the Joint Venture Member (2)

Name _____

Title _____

In the presence of:

Name _____

Signature _____

Address _____

Authorised signature(s) of the Joint Venture Member (3)

Name _____

Title _____

In the presence of:

Name _____

Signature _____

Address _____

Appendix A – Definition

- *“Joint Venture Company”:- A company incorporated under Qatari law, formed for the purpose of entering into the Contract, in which the Joint Venture Members are shareholders.*
- *“A Contractual non-incorporated Joint Venture”:- Two or more companies acting in collaboration for profit without incorporation for the purpose of entering into the Contract.*
- *“Parties”:- The Parties to this Agreement.*

Form CON – 4.1

Historical Contract Non –Performance

(to be completed by individual companies and all JV Partners/Sub-contractors)

Applicant’s Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and
 Associated Pipelines - Civil Project C652

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<input type="checkbox"/> No Non-Performing Contracts in accordance with Item 4.1 of Compliance Table in Section III, Sub-section H of Qualification Criteria			
<input type="checkbox"/> Non-Performing with No pending litigation in Qatar in accordance with Item 4.2 of Compliance Table in Section III, Sub-section H of Qualification Criteria			
<input type="checkbox"/> Non-Performing Contracts with Pending litigation in Qatar in accordance with Item 4.2 of Compliance Table in Section III, Sub-section H of Qualification Criteria, as indicated below			
Year	Outcome as Percent of Total Assets	Contract Identification:	Total Contract Amount (current value, QAR equivalent)
		Contract Identification: Name of Employer: Address of Employer: Matter in dispute:	
		Contract Identification: Name of Employer: Address of Employer: Matter in dispute:	

Form FIN – 5.1

Financial Situation

*(to be completed by individual companies and **all** JV Partners)*

Applicant's Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and Associated Pipelines - Civil Project C652

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To be completed by the Applicant and, if a JV, by each party. Use a separate sheet for each partner.

Financial Information in QAR*					
	Year 2008	Year 2009	Year 2010	Year 2011	Average
Total Assets (TA)					
Total Liabilities (TL)					
Net Worth (NW)					
Accounts Receivable (AR)					
Current Assets (CA)					
Current Liabilities (CL)					
Total Revenue (TR)					
Operating Profit (EBIT)					
Net Revenue (NR)					
Current Assets/Current Liabilities(Current Ratio)					
Operating Profit/Total Revenue (Profit Margin)					
Total Revenue/Total Assets (Return on Assets)					
Total Liabilities/Total Assets (Debt Ratio)					

Attached are copies of independently audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following conditions:

- a) Must reflect the financial situation of the Applicant or party to a JV, and not sister or parent companies;
- b) Historic financial statements must be audited by a certified accountant;
- c) Historic financial statements must be complete, including all notes to the independently audited financial statements;
- d) Historic financial statements must correspond to accounting periods already completed and independently audited (no statements for partial periods shall be requested or accepted);
- e) Note that in the case of a JV, the evaluation committee will take into consideration the individual financial standing of all JV Partners and the potential percentage of the joint venture they shall be undertaking.

Attached Additional Information:

- Auditor's name, address and fax number.
- Financing agency's (if any) name, address and fax number.
- Backlog of works, similar to that being proposed, at the end of the last 4 years and status to date.
- Bank guarantees issued and credit limits in the last 4 years and status to date.

* Based on the following exchange rates (*to be filled in just before issue*)

Currency	Sum	Equivalent in Qatari Riyals
British Pound	£1	QR 5.63
Euro	Eu1	QR 4.46
US Dollar	\$1	QR 3.65

Form FIN – 5. 2

Average Annual Sales Turnover

(to be completed by individual companies and all JV Partners)

Applicant's Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and
 Associated Pipelines - Civil Project C652

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Annual Turnover Data in Qatar (to be completed by individual companies of Qatar JV Partner)		
Year	Amount and Currency	QAR equivalent
2008		
2009		
2010		
2011		
*Average Annual Turnover		
Annual Turnover Data International (To be completed by Non Qatari JV Partner)		
Year	Amount and Currency	QAR equivalent
2008		
2009		
2010		
2011		
*Average Annual Turnover		

*Average annual turnover calculated as total certified payments received for work in progress or completed, divided by the number of years specified in Item 5.1 of Compliance Table in Section III, Sub-section H of Qualification Criteria. Both International Turnover and Local Qatar Turnover should be provided if applicable. International Turnover should be based on

the exchange rates in the following table *(to be filled in just before issue)*:

Currency	Sum	Equivalent in Qatari Riyals
British Pound	£1	QR 5.63
Euro	Eu1	QR 4.46
US Dollar	\$1	QR 3.65

Form EXP – 6.1

Particular Experience Record

(to be completed by individual companies or lead JV Partner)

Applicant's Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and
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To prequalify, the Applicant shall be required to pass the specified requirements set forth in this form, as set out in the Prequalification Data.

On a separate page, using the format of Form EXP – 6.2, the Applicant is requested to list all contracts which meet the criteria set out in Section III, Sub-section E, clauses (a) to (j). The partners of a proposed joint venture should provide details of similar contracts proportionate to their share in the joint venture. The value should be based on the currencies of the contracts converted into Qatar Riyals, at the rates given on Application Form FIN – 5.1. The information is to be summarised, using Form EXP – 6.2, for each contract completed or under execution by the Applicant or by each partner of a joint venture.

10	<p>Project Description – Either insert project description here or supply a data sheet. The data sheet shall be inserted immediately after this sheet.</p>
----	----------------------------------------------------------------------------------------------------------------------------------------------------------------

The Applicant should insert any specific contractual criteria required for particular operations, such as the population served, dry weather flow, effluent consent, treatment process employed for sewage treatment works and the peak flow capacity for foul sewage transfer pumping stations.

Form EXP – 7.1

Personnel Capabilities

(to be completed by individual companies or lead JV Partner)

Applicant's Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and
 Associated Pipelines - Civil Project C652

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For specific positions **essential** to contract implementation, applicants should provide the names of at least two candidates qualified to meet the specified requirements stated for each position. The data on their experience should be supplied in separate sheets using one Form EXP – 7.2 for each candidate.

Sl. No.	Position	Total experience (years)	In similar works (years)	As manager of similar works (years)	Experience in the Gulf (years)
1.	Project Director				
	Name of prime candidate				
	Name of alternate candidate				
2.	Civil Works Site Manager - STW				
	Name of prime candidate				
	Name of alternate candidate				
3.	M&E Project Manager - STW				
	Name of prime candidate				
	Name of alternate candidate				
4.	Civil Works Site Manager – Sewage Transfer Pump Station				
	Name of prime candidate				
	Name of alternate candidate				
5.	Civil Works Site Manager – Pipelines				
	Name of prime candidate				
	Name of alternate candidate				
6.	M&E Project Manager – Sewage Transfer Pump Station and Pipelines				
	Name of prime candidate				
	Name of alternate candidate				
7.	Lead Process Scientist				
	Name of prime candidate				
	Name of alternate candidate				

Form HSE– 8.1

Health, Safety and Environment

(to be completed by individual companies and all JV Partners)

Applicant's Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and
Associated Pipelines - Civil Project C652

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Please tick in each box as appropriate.		YES	NO
1	Is your company Safety Management System (SMS) certified to OHSAS 18001:2007 If 'yes' provide a copy of your current certificate?		
2	If the answer is no, at 1 then describe your current safety management system and plan including any future plans to achieve certification. (Maximum 200 words).		Page 53
3	Is your company Environment Management System certified to ISO 14001:2004 If 'yes' provide a copy of your current certificate?		
4	If the answer is no, at 3 then describe your current Environment management system including any future plans to achieve certification. (Maximum 200 words).		Page 54
5	Does your company have personnel assigned the responsibility of HSE at the corporate level?		
6	Does your company have personnel assigned the responsibility of HSE at the project/site level?		
7	Does your company provide adequate personal protective equipment, induction training for new starters, tool-box talks, inspection, maintenance and replacement?		
8	Do you always have trained First-aiders on construction sites and keep documented medical records?		
9	Does your company have a process for identifying hazards and assessing/managing risks associated with identified hazards?		
10	Describe the level of site welfare facilities you would expect to provide on a similar project? (Maximum 200 words)		Page 55

11	Please provide the following safety performance data:					
		2011	2010	2009	2008	
	Fatalities					
	Lost Time Injuries (LTI) (>3 days)					
	Total hours worked					
	Accident Frequency Rate (AFR) *					
	Medical Treatment Injuries					
	Prosecuted for any HSE related offences					
	Prohibition or improvement notices by an enforcement authority					
	<p>*Accident Frequency Rate (AFR) = (Total of LTI >3 days) divided by (the total hours worked) divided by (100,000).</p>					

HSE – 8.1 Question 2: Maximum of 200 words.

HSE – 8.1 Question 10: Maximum of 200 words.

Form QM – 8.2

Quality Management

*(to be completed by individual companies and **all** JV Partners)*

Applicant's Legal Name: _____ Date: _____

Project: Al Dhakhira Sewage Treatment Works, Al Dhakhira Transfer Pumping Station and Associated Pipelines - Civil Project C652

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Tick as appropriate:

		Yes	No
1	Is your company Quality Management System (QMS) certified to BS EN ISO 9001:2008 If 'yes' provide a copy of your certificate?		
2	If the answer is no, at 1 then describe your current Quality Management System and plan including any future plans to achieve certification. (Maximum 200 words)		Page 57
3	Does your company provide technical training and or certification for your work force?		
4	Does your company provide job specific Quality training to your employees?		
5	Does your company have a process to control and monitor the quality of your workmanship?		
6	Does your company have a process to control and monitor the quality of your construction materials?		
7	Does your company have a process to control and monitor the quality of your equipment and plant?		
8	Does your company have a process to control and monitor the quality of your sub-contractors performance?		
9	Does your company have a system where knowledge, skills and experience gained by individuals is disseminated, shared and redeployed?		

QM – 8.2 Question 2: Maximum of 200 words.

Form RS – 9.1

Resources, Plant & Equipment

*(to be completed by individual companies and **all** JV Partners)*

1. How many employees do you directly employ currently that are located in the State of Qatar?
2. How many employees do you directly employ currently that are located in GCC countries?
3. How many employees do you directly employ currently that are located internationally?
4. How many staff do you employ in Qatar at each grade, relevant to the work that is the subject of this application?

Management	
Professional	
Administrative/Clerical	
Construction Supervisors	
Skilled Trade Operatives	
Plant Operators	
General Labour	
Others	
TOTAL	

6. Please indicate the major construction plant and equipment (both fixed and mobile) currently in the company's ownership.
(no more than 20 entries)

Item No.	Plant and Equipment Type	Total Number of Units Owned	Currently Located in Qatar	Currently Located in GCC	Currently Located Internationally
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



هيئة الأشغال العامة
PUBLIC WORKS AUTHORITY

Infrastructure Affairs

PREQUALIFICATION DOCUMENT

FOR PROCUREMENT OF

**DESIGN, BUILD, OPERATE & MAINTAIN (DBOM)
CONTRACTOR**

FOR

**AL DHAKHIRA SEWAGE TREATMENT WORKS,
AL DHAKHIRA TRANSFER PUMPING STATION AND
ASSOCIATED PIPELINES**

PROJECT CODE: DTC 0086

BUDGET REF./CODE:1460058/11320

BUDGET TITLE: AL DHAKHIRA SEWAGE TREATMENT WORKS

CIVIL PROJECT: C652

PROCEDURES AND WORK REQUIREMENTS

PART 2–WORK REQUIREMENTS

**Public Works Authority
PO Box 22188
Doha
State of Qatar**

November 2012

PART 2: WORK REQUIREMENTS

Table of Contents – Part 2

1. Appendix A – Scope of Works 63
2. Appendix B – Conditions of Contract 71

Note: The above documents are not final. PWA reserves the right to make any changes to the documents that do not change the document philosophy, without incurring any liability to Applicants. The final documents will be part of the Tender Documents.

APPENDIX A: SCOPE OF WORKS

1. Qualification Criteria

Refer to Part 1, Section III for further details.

It is a prerequisite that the Applicants are either registered with the Central Tenders Committee or intend to apply and register within six (6) months of Notice of Award Letter issue.

To prequalify, an applicant must demonstrate to the Public Works Authority that it satisfies the requirements regarding experience, financial position, litigation history, and personnel capabilities.

1.1 Replacement of Personnel

The Contractor shall provide 30 days notice of an intention to remove or substitute any key team members, and shall provide a replacement that is acceptable to the PWA.

The Contractor shall ensure the replacement is given a full project briefing and is in place not less than 5 days before end of the 30 day notice period to ensure continuity.

2. Scope of Works

The information contained in the next section shall form Section C, Part 3 of the Tender Documents.

2.1 INTRODUCTION

- 2.1.1 The State of Qatar is a peninsula located on the northeast coast of the much larger Arabian Peninsula with a total land area of approximately 11,500 square kilometres. The population is approximately 1.7 million inhabitants (2009 census) with almost 83% of the inhabitants residing in Doha and its main suburb Al-Rayyan.
- 2.1.2 The State of Qatar has experienced rapid economic growth over the last several years. This economic growth has resulted in increased demand for the State to construct and provide first-class infrastructure such as government buildings (hospital, schools, and the like) transportation networks (harbours, airports, highways, roads etc.) and services (power, water, sewerage, waste disposal etc.).
- 2.1.3 This increased demand has consequently placed extraordinary requirements on the relevant government entities and their resources. It has become necessary to enhance the capacity of these government entities in order to deliver the required infrastructure.
- 2.1.4 The PWA (Public Works Authority), also known as Ashghal, is responsible for the planning, design, procurement construction, assets management, and delivery of infrastructure and building works in the State of Qatar.
- 2.1.5 PWA contributes to the economic and social development of the State of Qatar through implementing public projects in accordance with the approved plans of the State. In coordination with other agencies in the State, PWA implements and programmes the execution of public projects consistent with the approved State objectives and allocated budget.
- 2.1.6 PWA's tasks also include preparation of studies, designs, and technical specifications for the public projects; procurement of public projects and overseeing the work; implementing major maintenance projects according to the plans, programmes and studies developed; as well as implementation, management, operation and maintenance of drainage, groundwater, surface water and water treatment projects.
- 2.1.7 Through its major departments, PWA strives to develop the State's infrastructure and public amenities to the level of international standard achieved by developed countries and communities and in general it contributes to the overall sustainable development of the State in economic and social areas of the State.

- 2.1.8 The PWA consists of administrative units set out below:
 - 2.1.8.1 First: Administrative units under the Minister of Municipality and Urban Planning: The Internal Audit Unit.
 - 2.1.8.2 Second: Administrative units under the President including Office of the President, Public Relations and Communication Unit, Legal Affairs Department and Corporate Development & Planning Department.
- 2.1.9 PWA's major business unit consists of five major sectors as below:
 - 2.1.9.1 Buildings Affairs
 - 2.1.9.2 Infrastructure Affairs
 - 2.1.9.3 Technical Support Affairs
 - 2.1.9.4 Assets Affairs
 - 2.1.9.5 Shared Services Affairs
- 2.1.10 Buildings Affairs: This sector is subdivided into Designs Department and Projects Department dedicated to government building projects such as schools, ports, recreational facilities, healthcare facilities and other government buildings.
- 2.1.11 Infrastructure Affairs: This sector is subdivided into Local Roads and Drainage and Expressway departments.
- 2.1.12 Technical Support Affairs: this sector consists of three departments:
 - 2.1.12.1 Contracts Department, which is responsible for procurement, process and procedures in the delivery of PWA Projects.
 - 2.1.12.2 Engineering Business Support Department, which provides technical support for the Projects in terms of project planning, estimating, tracking and documentation.
 - 2.1.12.3 Quality and Safety Department, which is responsible for the quality control of projects and safety at work sites and offices.
- 2.1.13 Assets Affairs: This sector handles operation and maintenance of assets through two departments namely, Drainage Operation and Maintenance Department and Road Operation and Maintenance Department.
- 2.1.14 Shared Services Affairs: All other departments that deal with technical supports come under this sector including Administration and Finance Department, Human Resources Department, General Services Department and Information System Department.

2.2 PROJECT DESCRIPTION

The project comprises two main components:

- I. New Sewage Treatment Works
- II. Foul Sewage Transfer Pumping Station (TPS), foul sewage transmission mains, and Treated Sewage Effluent (TSE) transmission mains.

I. New Sewage Treatment Works (Design-Build-Operate)

A new sewage treatment works (STW) is to be constructed approximately 13 km North-West of the city of Al Khor. The STW site is a 500m x 500m flat plain of limestone of Rus Formation desert. It can be viewed on Google Earth, the north east co-ordinate being N 25° 44' 51" E 51° 23' 14.

The STW is vital to the future growth of the towns of Al Khor and Al Dhakhira and will serve the rapidly developing northern sector of the State of Qatar.

The biological treatment processes under consideration are sequencing batch reactor (SBR) and membrane biological reactor (MBR). To meet the stringent effluent discharge standards the biologically treated effluent will be passed through an ultrafiltration stage.

The provisional design parameters are:

- Ultimate Design Population 203,500
- Daily flow 56,000 m³/d
- Peak flow to Works 1,945 L/s (3DWF)
- Treated Sewage Effluent (TSE) Standard (see table on next page)

PARAMETER	UNIT	PERMISSIBLE LIMIT/RANGE	COMPLIANCE
Physical & Chemical			
Biochemical Oxygen Demand (BOD5)	mg/l	5	90%ile
Chemical Oxygen Demand (COD)	mg/l	50	90%ile
Total Dissolved Solids (TDS)	mg/l	2,000	90%ile
Total Suspended Solids (TSS)	mg/l	5	90%ile
pH	scale	6 - 9	90%ile
Temperature	°C	25 -45	90%ile
Chlorine - Residual	mg/l	0.5 - 1.0	90%ile
Nitrogen (NH4-N) - Ammoniacal	mg/l	1	90%ile
Nitrogen (TN) - Total	mg/l	5	50%ile
Phosphorous (TP) - Total	mg/l	1	90%ile
Dissolved Oxygen (DO)	mg/l	2	90%ile
Turbidity	NTU	2	90%ile
Microbiological			
Faecal Coliforms	MPN/100ml	Not Detectable	90%ile
Intestinal Nematodes	eggs/liter	0	95%ile
Enteric Viruses	PFU/40ltr	<1.0	90%ile
Giardia	cysts/40ltr	<1.0	90%ile

The proposed treatment plant will be entirely new. The key deliverables under Project C652 are likely to comprise:

- Construction of an inlet works to receive the total future flows and provide preliminary treatment. It is envisaged that the inlet works structure will be sized and constructed to accommodate these flows and that electro-mechanical equipment will be provided and installed. The inlet works will incorporate fine screens, vortex grit removal, FOG removal unit, flow distribution, flow measurements and overflow(s) to flow balancing/storm water facilities. The inlet works channels and process equipment will be enclosed and positively vented to an odour treatment plant.
- Provision of a biological nutrient removal (BNR) treatment plant for a population equivalent of 203,500.
- Tertiary treatment using an ultrafiltration plant.
- Ultra-Violet (UV) disinfection and chlorination.
- Aerobic digestion and sludge treatment to USEPA Grade B standard and associated sludge storage facilities.
- Storm water drainage for the entire site.
- Treated effluent storage and pumping facilities.
- Odour Control.
- Site works and landscaping.

Invitation to tender	To be advised
Submission of tenders	To be advised
Contract Award	To be advised

2.4 TENDER SUBMISSIONS

The tender will comprise a Technical Submission and a separate Financial Submission.

For the New Sewage Treatment Works, the Technical Submission will include, completed pro-forma sheets, drawings and a process design. Public Works Authority (PWA) will provide an indicative site arrangement, indicative Process and Instrumentation Diagram (PI&D), indicative Process Flow Diagram (PFD), indicative Single Line Diagram and indicative IT/Telecom Block Diagram.

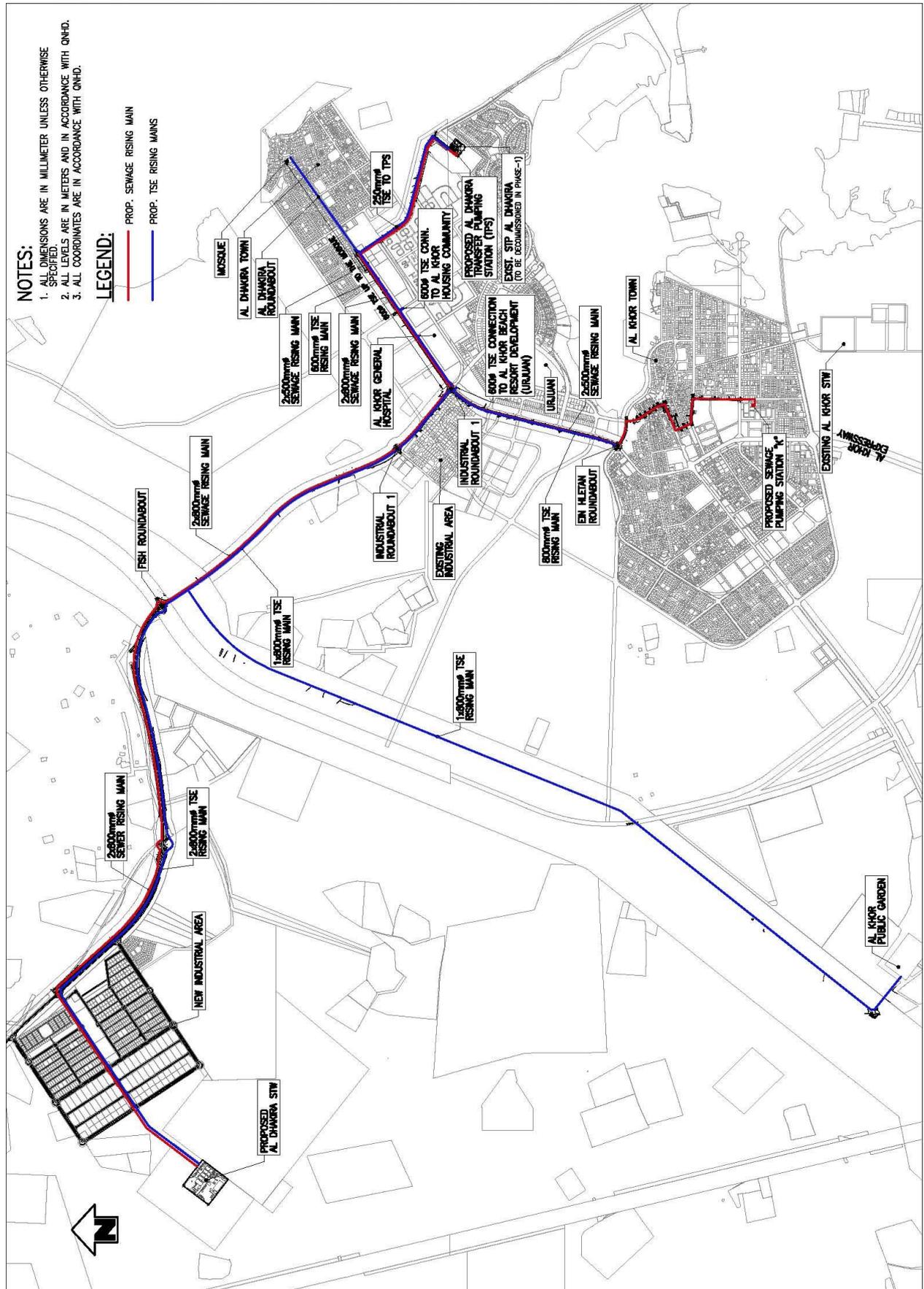
For the Foul Sewage Transfer Pumping Station (TPS), foul sewage rising mains, and Treated Sewage Effluent (TSE) transmission mains, the Technical Submission will include completed pro-forma sheets and technical data sheets. Public Works Authority (PWA) will provide reference design drawings for the Foul Sewage Transfer Pumping Station (TPS), foul sewage transmission mains, and Treated Sewage Effluent (TSE) transmission mains.

Prequalifying firms or JVs must expect to undertake and submit significant preliminary designs and drawings to demonstrate that they have fully considered all aspects of the requirements of the contract and that their tender is robust.

A programme encompassing all components of the project will be included in the Technical Submission for the tender.

The Financial Submission will be a Schedule of Prices, to be developed into a Bill of Principal Quantities upon Contract award. A lump-sum firm price will be required from Tenderers.

2.5 DRAWING SHOWING MAIN COMPONENTS OF PROJECT



APPENDIX B: CONDITIONS OF CONTRACT

Type of Contract

The type of contract will be Design, Build, Operate and Maintain (DBOM) (Lump Sum). The Form of Contract shall be based on the General Conditions of Contract (for use on Design-Build Contracts in Qatar modified for Operate-Maintain as published by Infrastructure Affairs PWA) supplemented by Conditions of Particular Application specific to Project C652. A lump-sum firm price will be required from Tenderers.