



The Hashemite Kingdom of Jordan

Ministry of Water and Irrigation

Water Authority of Jordan

Prequalification Documents For Procurement of Works

Invitation for Prequalification

Project:

Implementation for Works under the Improved Access to Water, Water Distribution Performance and Related Sewerage Disposal in Irbid Governorate for Host Communities and Syrian Refugees

Component A / Package 2 – Remaining Works in Greater Irbid and Ramtha – Contracts C1, C2 and C3

Employer: *Ministry of Water and Irrigation - Water Authority of Jordan*

Country: *Jordan*

Tender No. 26/2020/SW

July 2020

A project financed by :



SPECIFIC PROCUREMENT NOTICE

Invitation for Prequalification

Jordan

Implementation of Works under the Improved Access to Water, Water Distribution Performance and Related Sewerage Disposal in Irbid Governorate for Host Communities and Syrian Refugees

Component A / Package 2 – Remaining Works in Greater Irbid and Ramtha – Contracts C1, C2 and C3”

The Employer, Water Authority of Jordan (WAJ), with the financing support from the Agence Française de Développement (AFD), the German Development Bank (KfW) and the European Union is taking in charge the cost of implementing the project — “Implementation for Works under the Improved Access to Water, Water Distribution Performance and Related Sewerage Disposal in Irbid Governorate for Host Communities and Syrian Refugees Component A / Package 2 – Remaining Works in Greater Irbid and Ramtha – Contracts C1, C2 and C3.

The Employer (WAJ) intends to prequalify contractors and/or firms for the:

“Implementation for Works under the Improved Access to Water, Water Distribution Performance and Related Sewerage Disposal in Irbid Governorate for Host Communities and Syrian Refugees Component A / Package 2 – Remaining Works in Greater Irbid and Ramtha – Contracts C1, C2 and C3”.

The main objective of the project is to develop the water supply infrastructure and capacities of YWC for the delivery of sustainable water services in the area of Irbid, where the Syrian refugees and host communities are facing the growing deterioration of services from both quantitative and qualitative points of views. The specific objectives of the Project are:

1. Restructuring, expanding and improving the performance of the water networks in Greater Irbid, to cater for increased quantities of water and to secure adequate levels of service to the host communities and Syrian refugees in the Greater Irbid areas.
2. Improving the performance of the water networks in terms of volume and timeliness, reducing leakage and energy consumption.

The scope of the Assignment for which this tender was prepared is:

- to supply and install DI & HDPE pipes of different diameters (100 to 800) mm with all appurtenances, inside Greater Irbid and Ramtha.
- To construct Pumping/Booster Stations
- To supply and install SCADA centers and remote stations
- To construct a reservoir

Interested eligible Applicants can download the prequalification document from WAJ website <http://www.waj.gov.jo/sites/en-us/Lists/Tenders/AllItems.aspx>

Prequalification will be conducted through the prequalification procedures according to the AFD Procurement Guidelines. Eligibility criteria to AFD financing are specified in sub-clause 1.3 of the "Procurement Guidelines for AFD-Financed Contracts in Foreign Countries", available online on AFD's website: <http://www.afd.fr>.

This prequalification is open to international and local Jordanian applicants as per above mentioned Procurement Guidelines, in accordance with Jordan Government Procurement By-Law n°28 to which applicants should refer.

Applications for the prequalification must be submitted no later than **(3 .8. 2020)** at 12:00 hours (mid-day) Jordanian time.

Applicants have the option of either submitting their Applications electronically or as a hard copy. The application submission must be made in accordance to the rules and procedures below. Applications failing to follow the submission rules and procedures below shall be rejected.

Electronic Submission:

The electronic copy shall be submitted and uploaded on the WAJ website to the following link:

<http://www.waj.gov.jo/sites/en-us/Lists/proposals/NewForm.aspx>

The electronic application shall follow the following rules:

1. One non-editable PDF document/file. The document shall be perfectly organized with clear page numbering and titles of each section of the application. The application must include a cover page that should bear:
 - a. The name and address of the Applicant.
 - b. The address of the Employer, in accordance with the PDS ITA 17.1; and,
 - c. The specific identification of this prequalification process indicated in the PDS 1.1.
2. **The same application in editable documents/files** using MS Word or excel files, all perfectly organized, with clear page numbering and titles of each section of the application.
3. Each file size to be uploaded must be a maximum of 45 MB in size.
4. Uploading more than one file is possible.

In case of differences between the PDF format and the other document format, the PDF document shall take precedence in the evaluation process

Hard Copy Submission:

The hard copy should be submitted

- In sealed envelopes, in accordance with ITA 15 and ITA 16.1 delivered to the address below, and be clearly marked "Application to Prequalify for Implementation of Works under the Improved Access to Water, Water Distribution Performance and Related Sewerage Disposal in Irbid Governorate for Host Communities and Syrian Refugees Component A / Package 2 – Remaining Works in Greater Irbid and Ramtha – Contracts C1, C2 and C3".
- with a softcopy on a CD which contains editable documents/files using MS Word or excel files, all perfectly organized, with clear page numbering and titles of each section of the application.
- In case of differences between the editable documents on the CD and the hard copy, the hard copy shall take precedent in the evaluation process.

Water Authority of Jordan (WAJ)

HE Acting Secretary General of WAJ

Eng. Ali Subah

P.O. Box 2412, Amman 11183

Hashemite Kingdom of Jordan

Attention: Eng. Najwa Orabee

IMPORTANT NOTES:

This document will pre-qualify bidders for the three Bids (C1, C2 and C3).

A Qualified Bidder can apply for any / all of the three bids (C1, C2, C3), but he will be entitled for awarding of one Contract only, based on the selection criteria.

Each bidder can only get awarded one Contract, even if they bid for the three Contracts.

Bids will be evaluated lot-wise. The contracts will be awarded to the Bidders offering the lowest evaluated cost to the Employer for combined lots (one Bidder can be awarded one Contract only), subject to the selected Bidders meeting the required qualification criteria for lots for which they were prequalified.

Eng. Ali Subah

Chairman of the Special Tender Committee

Acting Secretary General / Water Authority of Jordan

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PART I–Prequalification Procedures

Section I - Instructions to Applicants (ITA)

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A. General

- 1 Scope of Application**

1.1 In connection with the Invitation for Prequalification indicated in Section II, Prequalification Data Sheet (PDS), the Employer, as defined in the **PDS**, issues these Prequalification Documents ("Prequalification Documents") to prospective applicants ("Applicants") interested in submitting applications ("Applications") for prequalification to bid for the works described in Section VII - Scope of Works. In case the works are to be bid as individual contracts (i.e. the slice and package procedure), these are listed in the **PDS**. The International Procurement Competition ("IPC") number corresponding to this prequalification is also provided in the **PDS**.
- 2 Source of Funds**

2.1 The Employer indicated in the **PDS** has applied for or received financing (hereinafter called "funds") from *Agence Française de Développement*, the German Development Bank (KfW) and the European Union (hereafter called "The Funding Agencies") towards the project named in the **PDS**. The Employer intends to apply a portion of the funds to eligible payments under the contract(s) resulting from the bidding for which this prequalification is conducted.
- 3 Corrupt and Fraudulent Practices**

3.1 The Funding Agencies requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section VI.

3.2 In further pursuance of this policy, Applicants shall permit and shall cause its subcontractors and sub-consultants, to permit the Funding Agencies to inspect all accounts, records and other documents relating to the submission of the Application, bid submission (in case prequalified), and contract performance (in the case of award), and to have them audited by auditors appointed by the Funding Agencies.
- 4 Eligible Applicants**

4.1 An Applicant may be a firm that is a private entity, a state-owned entity -subject to ITA 4.3 - or a combination of such entities in the form of a joint venture ("JV") under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a JV, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JV shall nominate an authorized representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the prequalification process, bidding (in the event the JV submits a bid) and during contract execution (in the event the JV is awarded the Contract). Unless specified in the **PDS**, there is no limit on the number of members in a JV.

4.2 A firm may apply for prequalification both individually, and as part of a joint venture, or as a subcontractor. If prequalified, it will not be permitted to bid for the same contract both as an individual firm and as a part of the joint venture. However, a firm may participate as a subcontractor in more than one bid, but only in that capacity. Bids submitted in violation of this procedure will be rejected.

4.3 The Funding Agencies' eligibility criteria for prequalification are described in Section V – Eligibility Criteria.

4.4 Applicants shall not have a conflict of interest. Any Applicant found to have a conflict of interest shall be disqualified. An Applicant may be considered to have a conflict of interest for the purpose of this

prequalification process, if the Applicant:

- a) Directly or indirectly controls, is controlled by or is under common control with another Applicant; or
- b) Receives or has received any direct or indirect subsidy from another Applicant; or
- c) Has the same legal representative as another Applicant; or
- d) Has a relationship with another Applicant, directly or through common third parties, that puts it in a position to influence the application of another Applicant, or influence the decisions of the Employer regarding this prequalification process; or
- e) Any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the prequalification; or
- f) Any of its affiliates has been hired (or is proposed to be hired) by the Employer as Engineer for the Contract implementation; or
- g) Has a close business or family relationship with a professional staff of the Employer (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the prequalification documents or specifications of the contract, and/or the prequalification evaluation process; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Funding Agencies throughout the procurement process and execution of the contract.

4.5 An Applicant shall not be under suspension from bidding by the Employer as the result of the execution of a Bid–Securing Declaration.

4.6 An Applicant shall provide such evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.

5 Eligible Materials, Equipment, and Services

5.1 The materials, equipment and services to be supplied under the Contract and financed by the Funding Agencies may have their origin in any country subject to the restrictions specified in Section V - Eligibility Criteria, and all expenditures under the Contract will not contravene such restrictions.

B. Contents of the Prequalification Documents

6 Sections of Prequalification Documents

6.1 These Prequalification Documents consist of parts 1 and 2 which comprise all the sections indicated below, and which should be read in conjunction with any Addendum issued in accordance with ITA 8.

PART I: Prequalification Procedures

- Section I - Instructions to Applicants (ITA)
- Section II – Prequalification Data Sheet (PDS)
- Section III – Evaluation and Prequalification Criteria
- Section IV – Application Forms

- Section V – Eligibility Criteria
- Section VI – Bank Policy – Corrupt and Fraudulent practices – Environmental and Social Responsibility

PART II: Works Requirements

- Section VII – Scope of Works

- 6.2 Unless obtained directly from the Employer, the Employer accepts no responsibility for the completeness of the Prequalification Documents, responses to requests for clarification, or Addenda in accordance with ITA 8. In case of any discrepancies, documents issued directly by the Employer shall prevail.
- 6.3 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Documents and to furnish with its Application all information or documentation as is required by the Prequalification Documents.
- 7 Clarification of Prequalification Documents**
- 7.1 A prospective Applicant requiring any clarification of the Prequalification Documents shall contact the Employer in writing at the Employer's address indicated in the **PDS**. The Employer will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of the applications. The Employer shall forward a copy of its response to all prospective Applicants who have obtained the Prequalification Documents directly from the Employer, including a description of the inquiry but without identifying its source. If so indicated in the **PDS**, the Employer shall also promptly publish its response at the web page identified in the **PDS**. Should the Employer deem it necessary to amend the Prequalification Documents 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 Documents**
- 8.1 At any time prior to the deadline for submission of Applications, the Employer may amend the Prequalification Documents by issuing an Addendum.
- 8.2 Any Addendum issued shall be part of the Prequalification Documents and shall be communicated in writing to all prospective Applicants who have obtained the Prequalification Documents from the Employer. The Employer shall promptly publish the Addendum at the Employer's web page identified in the **PDS**.
- 8.3 To give prospective Applicants reasonable time to take an Addendum into account in preparing their Applications, the Employer may, at its discretion, extend the deadline for the submission of Applications in accordance with ITA 17.2.
- 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 Employer will 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 Employer, shall be written in the language specified in the **PDS**. 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 **PDS**, 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 Form, the **Covenant of Integrity** duly signed, in accordance with ITA 12.1 and ITA 13.1 and the completed Application Forms of Section IV - Application Forms;
 - b) Documentary evidence establishing the Applicant's eligibility, in accordance with ITA 13.1;
 - c) Documentary evidence establishing the Applicant's qualifications, in accordance with ITA 14; and
 - d) Any other document required as specified in the **PDS**.
- 12 Application Submission Form**
- 12.1 The Applicant shall complete an Application Submission Form as provided 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 and sign the **Covenant of Integrity** as provided in Section IV - Application Forms without any alteration to its format and furnish supporting documentation as specified in Forms ELI-1.1 and ELI-1.2.
- 14 Documents Establishing the Qualifications of the Applicant**
- 14.1 To establish its qualifications to perform the contract(s) in accordance with Section III - Evaluation and Prequalification Criteria, the Applicant shall provide the information requested in the corresponding Forms 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 authorized to sign on behalf of the Applicant. In case the Applicant is a JV, the Application shall be signed by an authorized representative of the JV on behalf of the JV and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized signatories. If a JV has not been formalized and a letter of intent to form a JV is presented, then the Application shall be signed by every member of the intended JV.
- 15.2 The Applicant shall submit copies of the signed original Application, in the number specified in the **PDS**, 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 Employer, in accordance with ITA 17.1; and
 - c) Bear the specific identification of this prequalification process indicated in the **PDS** 1.1.

- 16.2 The Employer will accept no responsibility for not processing any envelope that was not identified as required in ITA 16.1 above
- 17 Deadline for Submission of Applications**
- 17.1 Applicants may either submit their Applications by mail or by hand. Applications shall be received by the Employer at the address and no later than the deadline indicated in the **PDS**. When so specified in the **PDS**, Applicants have the option of submitting their Applications electronically, in accordance with electronic application submission procedures specified in the **PDS**.
- 17.2 The Employer may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Documents in accordance with ITA 8, in which case all rights and obligations of the Employer and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.
- 18 Late Applications**
- 18.1 The Employer reserves the right to accept applications received after the deadline for submission of applications, unless otherwise specified in the **PDS**.
- 19 Opening of Applications**
- 19.1 The Employer shall open all Applications at the date, time and place specified in the **PDS**. Late Applications shall be treated in accordance with ITA 18.1. Applications submitted electronically (if permitted pursuant to ITA 17.1) shall be opened in accordance with the procedures specified in the **PDS**. The Employer shall prepare a record of the opening of Applications to include, as a minimum, the name of the Applicants. A copy of the record shall be distributed to all Applicants.
- E. Procedures for Evaluation of Applications**
- 20 Confidentiality**
- 20.1 Information relating to the Applications, their evaluation and result shall not be disclosed to Applicants or any other persons not officially concerned with the prequalification process until the notification of prequalification results is made to all Applicants in accordance with ITA 28.
- 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 Employer on any matter related to the prequalification process (except as specified in 20.1 above), may do so only in writing.
- 21 Clarification of Applications**
- 21.1 To assist in the evaluation of Applications, the Employer may, at its discretion, ask an Applicant for a clarification (including missing documents) of its Application, to be submitted within a stated reasonable period of time. Any request for clarification from the Employer and all clarifications from the Applicant shall be in writing.
- 21.2 If an Applicant does not provide clarifications and/or documents requested by the date and time set in the Employer's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.
- 22 Responsiveness of Applications**
- 22.1 The Employer may reject any Application which is not responsive to the requirements of the Prequalification Documents.

- 23 **Domestic Bidder Price Preference** 23.1 Unless otherwise specified in the **PDS**, a margin of preference for domestic bidders shall not apply in the bidding process resulting from this prequalification.
- 24 **Subcontractors** 24.1 Unless otherwise stated in the **PDS**, the Employer does not intend to execute any specific elements of the works by subcontractors selected in advance by the Employer (nominated subcontractors).
- 24.2 A "specialized subcontractor" is a subcontractor hired for specialized work as defined by the Employer in Section III-4.2, Experience. If no specialized work is specified by the Employer as such, subcontractors experience shall not be considered for Applications evaluation.
- 24.3 The Employer may decide to permit subcontracting for certain specialized works as indicated in Section III-4.2, Experience. The Employer may do so at its own initiative or at the request of the Applicants during the prequalification process (if justified). When subcontracting is permitted by the Employer, the specialized subcontractors experience shall be considered for the evaluation. Section III - Evaluation and Prequalification Criteria, describes the qualification criteria for subcontractors.

F. Evaluation of Applications and Prequalification of Applicants

- 25 **Evaluation of Applications** 25.1 The Employer shall use the factors, methods, criteria, and requirements defined in Section III - Evaluation and Prequalification Criteria, to evaluate the qualifications of the Applicants, and no other methods, criteria, or requirements shall be used. The Employer reserves the right to waive minor deviations from the qualification criteria if they do not materially affect the technical capability and financial resources of an Applicant to perform the contract.
- 25.2 Only the qualifications of the Applicant shall be considered. In particular, the qualifications of a parent or other affiliated company that is not party to the Applicant under a JV in accordance with ITA 4.2 shall not be considered.
- 25.3 In case of multiple contracts, Applicants should indicate in their Applications the individual contracts in which they are interested. The Employer shall prequalify each Applicant for the maximum combination of contracts for which the Applicant has thereby indicated its interest and for which the Applicant meets the appropriate aggregate requirements. The Evaluation and Prequalification Criteria are mentioned in Section III.
- 26 **Employer's Right to Reject All Applications** 26.1 The Employer reserves the right to annul the prequalification process and reject all Applications at any time, without thereby incurring any liability to the Applicants.
- 27 **Prequalification of Applicants** 27.1 All Applicants whose Applications substantially meet or exceed the specified qualification requirements will be prequalified by the Employer.
- 27.2 An Applicant may be "conditionally prequalified", that is, qualified subject to the Applicant submitting or correcting certain specified documents or deficiencies that do not materially affect the ability of the Applicant to perform the proposed contract, to the satisfaction of the Employer.

- 27.3 Applicants that are conditionally prequalified will be so informed along with the statement of the condition(s) which must be met to the satisfaction of the Employer before or at the time of submitting their bids.
- 28 Notification of Prequalification**
- 28.1 The Employer shall notify all Applicants in writing of the names of those Applicants who have been prequalified or conditionally prequalified. In addition, those Applicants who have been disqualified will be informed separately.
- 28.2 Applicants that have not been prequalified may write to the Employer to request, in writing, the grounds on which they were disqualified.
- 29 Invitation for Bids**
- 29.1 Promptly after the notification of the results of the prequalification, the Employer shall invite bids from all the Applicants that have been prequalified or conditionally prequalified.
- 29.2 Bidders may be required to provide a Bid Security or a Bid-Securing Declaration acceptable to the Employer in the form and an amount to be specified in the Bidding Documents, and the successful Bidder shall be required to provide a Performance Security as specified in the Bidding 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 bid (including, in the case of a JV, any change in the structure or formation of any member thereto) shall be subject to the written approval of the Employer. Such approval shall be denied if (i) as a consequence of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III - Evaluation and Prequalification Criteria; or (ii) in the opinion of the Employer, the change may result in a substantial reduction in competition. Any such change should be submitted to the Employer not later than fourteen (14) days after the date of the Invitation for Bids.

Section II–Prequalification Data Sheet (PDS)

A. General	
ITA 1.1	<p>The Employer is:</p> <p>Water Authority of Jordan (WAJ)/WAJ Tender Department</p> <p>Attn : Eng. Najwa Orabee</p> <p>Shmeisani P.O. Box 5012, Amman 11181 Jordan</p> <p>Email : najwa_orabee@mwi.gov.jo</p> <p>Which is a part of the Ministry of Water and Irrigation of the Hashemite Kingdom of Jordan.</p>
ITA 1.1	The list of contracts (lots) comprising the IPC is:3 packages (C1, C2 and C3)
ITA 1.1	Tender NO. :26/2020/SW
ITA 2.1	<p>The name of the Project is:</p> <p>Component A / Package 2 – Remaining Works in Greater Irbid and Ramtha - Contracts C1, C2 and C3</p>
ITA 4.2	<p>Maximum number of members in the JV shall be: Two (2)</p> <p>This Prequalification application is open to International Contractors and Local Jordanian Contractors. International Contractors and Jordanian Contractors are free to associate themselves in any form of association including Joint Venture. In this case, a letter of intent to form a Joint Venture (JV) or association should be provided, and that the Partners recognize that they shall be capable and responsible for completion of the project should the leader or a partner fail or retire from the contract for any reason. Jordanian Contractors must satisfy a valid classification as First Grade in Water/Wastewater; as per the Ministry of Public Works and Housing Government Tenders Department (GTD) classification system.</p>
B. Contents of the Prequalification Documents	
ITA 7.1	<p>For clarification purposes only, the Employer's address is: same as in ITA1.1 above</p> <p>Electronic mail address: najwa_orabee@mwi.gov.jo</p>
ITA 7.1 & 8.2	Web page: Web page: http://www.waj.gov.jo/sites/en-us/Lists/Tenders/AllItems.aspx
C. Preparation of applications	
ITA 10.1	<p>The Application as well as all correspondence shall be submitted in English.</p> <p>Language for translation of supporting documents and printed literature is English.</p>
ITA 11.1(d)	<p>The Applicant shall submit with its Application, the following additional documents.</p> <p>The documents to be included with the Application are identified in Section IV – Application Forms.</p>
ITA 14.1	The source for determining exchange rates is: All amounts to be stated in Euro at exchange rates existing 30 days prior to prequalification submission as reported by

	the Central Bank of Jordan.
ITA 15.2	In addition to the original, the number of copies to be submitted with the Application is: Two (2) hard copies and two (2) soft copies on a CD. _____ The deadline for the receipt in WAJ is legally binding.
D. Submission of Applications	
ITA17.1	<p>The deadline for Application submission is:</p> <p style="text-align: center;">Date: [3 / 8/ 2020]</p> <p style="text-align: center;">Time: (12:00 Mid Day Jordan Time)</p> <p>Applicants shall have the option of submitting their Applications electronically, as described in the Invitation for Prequalification.</p> <p>For application submission purposes only, the Employer's address is: Employer's address is the same as that indicated in ITA 1.1</p> <p>Attention: <i>Eng. Najwa Orabee</i> _____</p> <p>Address: The Water Authority of Jordan WAJ Tender Department / Sixth Floor Shemisani PO Box 5012 Amman 11181 Country: Jordan _____</p>
ITA 18.1	Late Applications will be returned unopened to the Applicants.
ITA 19.1	The opening of the Applications shall be at 3 / 8 / 2020, at Water Authority of Jordan
E. Procedures for Evaluation of Applications	
ITA 24.1	Whilst not an evaluation criterion, the Employer encourages International Contractors to execute certain specific parts of the Works by Jordanian sub-contractors selected in advance to ensure cost-effective and competitive bids are received. In this case, Jordanian Contractors must satisfy the Valid classification as First Grade in Water/Wastewater; as per the Ministry of Public Works and Housing Government Tenders Department (GTD) classification system.

Section III –Evaluation and Prequalification Criteria

Evaluation

This Section contains all the methods, criteria, and requirements that the Employer shall use to evaluate Applications. The information to be provided in relation to each requirement and the definitions of the corresponding terms are included in the respective Application Forms.

Wherever an Applicant is required to state a monetary amount, Applicants should indicate the EURO equivalent using the rate of exchange determined as follows:

- For construction turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year;
- Value of single contract - Exchange rate prevailing on the date of the contract.

Exchange rates shall be taken from the publicly available rate published by the Central Bank of the Employer's country. Any error in determining the exchange rates in the Application may be corrected by the Employer.

Prequalification Criteria

1. Eligibility and Qualification Criteria						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
1.1 Nationality	Nationality in accordance with ITA 4.3	Must meet requirement	Existing or existing JV must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2, with attachments
1.2 Conflict of Interests	No conflicts of interest in accordance with ITA 4.4	Must meet requirement	Existing or existing JV must meet requirement	Must meet requirement	N/A	Application Submission Form
1.3 Bank Eligibility	Not being ineligible to funding agencies financing, as described in ITA 4.3	Must meet requirement	Existing or existing JV must meet requirement	Must meet requirement	N/A	Covenant of Integrity
1.4 Government Owned Entity	Meet conditions of ITA 4.3	Must meet requirement	Existing or existing JV must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2, with attachments

2. Historical Contract Non-Performance							
Criterion	Requirement	Single Entity	Joint Venture (existing or intended))			Documentation Required	
			All Parties Combined	Each Member	One Member		
2.1 History of Non-Performing Contracts	Termination of a contract / or Notice to Termination did not occur as a result of Applicant's default in the past five (5) years ¹ .	Must meet requirement	Must meet requirement	Must meet requirement ²	N/A	Form CON-2	
2.2 Suspension Based on Execution of Bid Securing Declaration by the Employer	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITA 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Form	
2.3 Pending Litigation	All pending litigation shall in total not represent more than one hundred percent (100%) of the Applicant's net worth and shall be treated as resolved against the Applicant.	Must meet requirement	N/A	Must meet requirement	N/A	Form CON-2	

¹ Non-performance shall include all terminations of contracts where (a) non-performance was not challenged by the Applicant, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the Applicant. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism.

² This requirement also applies to contracts executed by the Applicant as JV member.

3. Financial Situation and Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
3.1 Financial Capabilities	(i) The Applicant shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as EURO €2,000,000 for the subject contract(s) net of the Applicants other commitments;	Must meet requirement	Must meet requirement	N/A	N/A	Forms FIN-3.1 with attachments and FIN-3.3
	(ii) The Applicant shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments;	Must meet requirement	Must meet requirement	N/A	N/A	Forms FIN-3.1 and FIN-3.4
	(iii) The audited balance sheets or, if not required by the laws of the Applicant's country, other financial statements acceptable to the Employer, for the last three (3) years shall be submitted and demonstrate the current soundness of the Applicant's financial position. The Applicant's financial position will be deemed sound if: a) Total equity (net worth) for the last three (3) years > 0;	Must meet requirement	N/A	N/A	Leader must meet requirement	Form FIN-3.1 with attachments

3. Financial Situation and Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
	<p>And, at least two (2) of the following three (3) criteria are met:</p> <p>a) Average earnings before interest, taxes, depreciation, and amortization (EBITDA) for the last three (3) years > 0;</p> <p>b) Average liquidity ratio for the last three (3) years >1 ((Current assets) / (Current liabilities) > 1);</p> <p>c) Average indebtedness ratio for the last three (3) years < 6 ((Total financial liabilities) / (EBITDA) < 6).</p>					
3.2 Minimum Annual Turnover	Minimum average annual turnover of EURO € 10,000,000 calculated over the last 5 years.	Must meet requirement	Must meet requirement	The members must provide sufficient percentages along with the Leader to meet the requirement 100%	Must meet sixty per cent 60% of the requirement	Form FIN-3.2

4. Experience						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
4.1 General Construction Experience	Experience under construction contracts in the role of prime contractor, JV member, subcontractor, or management contractor for at least the last 7 years, starting 1 st January 2012	Must meet requirement	N/A	Must meet requirement	N/A	Form EXP-4.1
4.2 (a) Specific Construction & Contract Management Experience	(i) A minimum number of similar ³ contracts specified below that have been satisfactorily and substantially ⁴ completed as a prime contractor, joint venture member ⁵ management contractor or subcontractor between 1 st January 2013 and application submission deadline: 4 contracts, each of minimum value of EURO € 5,000,000	Must meet requirement	Must meet requirement ⁶	N/A	N/A	Form EXP-4.2(a)

³ The similarity shall be based on the physical size, complexity and technicity of the Works. Adding up small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.

⁴ Substantial completion shall be based on 80% or more works completed under the contract.

⁵ For contracts under which the Applicant participated as a joint venture member or subcontractor, only the Applicant's share, by value, shall be considered to meet this requirement.

⁶ In the case of a JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. For instance, if the criterion mentions "two (2) contracts with a minimum value of 50M\$ each", a JV composed of 3 members and having carried out four (4) contracts of 30M\$ each shall not be qualified. On the other hand, if 2 of the 3 members of the JV each carried out one (1) contract of 50M\$, the criterion is met, even if the third member does not have any contract of this value.

4. Experience						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
4.2 (b) Specific Experience	<p>For the above or any other contracts completed and under implementation as prime contractor, joint venture member, management contractor or subcontractor⁷ on or after the first day of the calendar year during the period stipulated in 4.2(a) above, a minimum construction experience in the following key activities successfully completed⁸:</p> <p>Two (2) project completed:</p> <p>For C1: Including Water Pipeline in rural and urban areas, PS and Connection to SCADA</p> <p>For C2: Including Water Pipelines in rural and urban areas and Connection to SCADA</p> <p>For C3: Including Water Pipelines in rural and urban areas, Reservoir and Connection to SCADA</p> <p>Note that sewer and storm water experience will not be considered</p>	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP-4.2(b)

⁷ For contracts under which the Applicant participated as a joint venture member or subcontractor, only the Applicant's share shall be counted to meet this requirement.

⁸ For example, experience of works while in operation may be required under this criterion. Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).

5. Environmental, Social, Health and Safety (ESHS)						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
5.1 ESHS Certification(s)	Availability of a valid ISO certification or internationally recognized equivalent (equivalency to be demonstrated by Applicant), and applicable to the worksite.	N/A	N/A	N/A	N/A	
	<input type="checkbox"/> Quality management certificate ISO 9001;	N/A	N/A	N/A		Form CER
	<input type="checkbox"/> Environmental management certificate ISO 14001;	N/A	N/A	N/A		Form CER
	<input type="checkbox"/> Health and safety management certificate ISO 45001.	N/A	N/A	N/A		Form CER
5.2 ESHS Documentation	Availability of in-house policies and procedures acceptable to the Employer for ESHS management: <ol style="list-style-type: none"> 1. Existence of an Ethics Charter; 2. Existence of a system for monitoring compliance with ESHS commitments for the Applicant's subcontractors and all its partners; 3. Existence of official 	Must meet requirement	N/A	N/A	Leader must meet requirement	<ol style="list-style-type: none"> 1. The ESHS Ethics Charter of the company or equivalent must be provided. 2. A procedure or information on how the Bidder ensures that all members of the Joint Venture, subcontractors, suppliers and temporary labor (i) are aware and (ii) meet ESHS requirements must be provided. 3. Official internal procedure documents on the topics indicated must be provided.

5. Environmental, Social, Health and Safety (ESHS)						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
	company procedures for the management of the following relevant points: <input checked="" type="checkbox"/> ESHS resources and facilities and ESHS monitoring organization; <input checked="" type="checkbox"/> Project Areas management (base camps, quarries, borrow pits, storage areas); <input checked="" type="checkbox"/> Health & Safety on worksites; <input checked="" type="checkbox"/> Local recruitment and ESHS trainings of local staff (capacity building), ESHS trainings of subcontractors and local partners (transfer of knowledge); <input checked="" type="checkbox"/> Relations with stakeholders, information and consultation of local communities and authorities; <input checked="" type="checkbox"/> Traffic management; <input checked="" type="checkbox"/> Atmospheric emissions, noise and vibrations; <input checked="" type="checkbox"/> Waste management; <input checked="" type="checkbox"/> Site rehabilitation and					

5. Environmental, Social, Health and Safety (ESHS)						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Documentation Required
			All Parties Combined	Each Member	One Member	
	revegetation					
5.3 Similar Experience	Experience of two construction contracts over the last 5 years, where major ESHS measures (addressing at least issues related to the points mentioned in 5.2 “) above) were carried out or are on progress satisfactorily and in compliance with international standards.	Must meet requirement	N/A	N/A	Leader must meet requirement	Form EXP-ESHS with supporting documents (the Applicant shall submit a piece of evidence supporting the ESHS implementation measures)
5.5 ESHS Dedicated Personnel	Availability of in-house personnel dedicated to ESHS issues: Environmental and Social Manager, and/or Health and Safety Manager.	Must meet requirement	N/A	N/A	Leader must meet requirement	Organizational chart evidencing filled ESHS position(s)

Important Note: for multiple contracts, the criteria for prequalification are aggregate minimum requirements of each lot for which the Applicant submits an Application.

Section IV –Application Forms

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Application Submission Form

Date: _____ *[insert day, month, and year]*

IPC No. and title: _____ *[insert IPC number and title]*

To: _____ *[insert full name of Employer]*

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

- a) We have examined and have no reservations to the Prequalification Documents, including Addendum(s) No(s). *[insert the number and issuing date of each addendum]*, issued in accordance with Instructions to Applicants (ITA 8);
- b) We have no conflict of interest in accordance with ITA 4.4;
- c) We have not been suspended nor declared ineligible by the Employer based on execution of a Bid Securing Declaration in the Employer's country in accordance with ITA 4.5;
- d) We understand that you reserve the right to annul the prequalification process and reject all Applications at any time, without thereby incurring any liability to the Applicants.

Signed *[insert signature(s) of an authorized representative(s) of the Applicant]*

Name: _____
[insert full name of person signing the Application]

In the capacity of: _____
[insert capacity of person signing the Application]

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

Applicant's name: _____
[insert full name of Applicant or the name of the JV]

Address: _____
[insert street number/town or city/country address]

Dated on: _____ day of: _____ year: _____

[For a joint venture, either all members shall sign or only the authorized representative, in which case the power of attorney to sign on behalf of all members shall be attached. In case of a letter of intent to form a joint venture, it shall be attached and all members shall sign it.]

Covenant of Integrity

to the Water Authority of Jordan – Ministry of Water and Irrigation

I [Name], in my function as [function/position held] in [name of the company] and duly authorized representative for the signature of the contract to be signed for [title of the call for tender or the contract] hereby declare that we observe the highest standards of ethics during the procurement and, if we are successful in our tender, the performance of the contract and have not engaged nor will engage in, or have been convicted of, any fraud, corruption, collusion or other malpractice. Where convictions occurred, details of the conviction and remedial measures are provided. If such events should occur in the future, we hereby undertake to so inform the Water Authority of Jordan and AFD immediately.

Moreover, neither our company¹ nor any entity member of the joint venture or of the consortium or any one acting on our behalf, such as sub-contractors, is the subject of a current exclusion /has been the subject of any debarment, exclusion or other sanctioning decision by any of the Participating MRI Partners (AFD and/or KfW), EU institutions and/or any major Multi-lateral Development Bank (including World Bank Group, African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development or Inter-American Development Bank) on the grounds of corruption, collusion, fraud or other malpractice² and we further undertake to immediately inform the Water Authority of Jordan and AFD if this situation was to occur at a later stage. Where such a decision of exclusion has occurred, we commit to provide all necessary information and any remedial measures that have already been taken.

I also declare that neither our company nor any entity member of the joint venture or of the consortium is currently included /has been included on the list of financial sanctions (including in particular the fight against financing of terrorism) adopted by the United Nations, the EU financial or any national sanction³ list which is binding for any of the MRI Partners and we further undertake to immediately inform the Water Authority of Jordan and AFD if this situation were to occur at a later stage.

We acknowledge that in the event our company or any entity member of the joint venture or of the consortium i/ is, after this Covenant of Integrity or the contract have been signed, added to any financial sanctions list or debarment or sanctioning decision enumerated above or ii/ made a false statement in the Covenant of Integrity, the contract may not be eligible for funding by one or more of the Participating MRI Partners (AFD and KfW). We commit not to procure goods and services from countries which are under an embargo which is binding upon any of AFD, and KfW.

We also acknowledge that, in the afore-mentioned events, the Water Authority of Jordan is entitled to exclude our company/the consortium from the procurement procedure and, if the contract is awarded to our company/the consortium, such events may lead to termination of the contract, in accordance with the terms of the contract.

In the event that we are awarded the contract, we grant the Participating MRI Partners and auditors appointed by either of them, as well as any authority or European Union institution or body having competence under European Union law, the right of inspection of our records and those of all our sub-contractors, under the contract, as well as joint venture/consortium partners. We accept to preserve

¹ For the purposes of these provisions “company” or “entity” shall include directors, employees, agents.

² The definitions of corrupt, collusive, fraudulent, coercive or obstructive practice are included: for KfW: See "Guidelines for the Assignment of Consultants in German Financial Cooperation" and "Guidelines for Procurement of Goods, Works and associated Services in Financial Cooperation with Partner Countries"; for AFD, see " General Policy for combating corruption, fraud, anti-competitive practices, money laundering and terrorist financing" and "Guidelines for the procurement of AFD-financed contracts in foreign countries".

³ I.e. French sanction list for AFD, German sanction list for KfW.

these records generally in accordance with applicable law but in any case for at least six years from the date of substantial performance of the contract.

I declare that our company / consortium undertakes to comply with labour laws and national and international standards of environmental protection, health and safety applicable in the jurisdiction / country of implementation of the Project, including those contained in any relevant International Labour Organization (ILO) conventions and international agreements on environmental protection, as well as with mitigation measures of the Environmental and Social Management Plan if applicable.

.....
(Place)

.....
(Date)

(Signature)

Form ELI-1.1: Applicant Information Form

Date: *[insert day, month, year]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Applicant's name: _____ <i>[insert full name]</i>
In case of Joint Venture (JV), name of each member: _____ <i>[insert full name of each member in JV]</i>
In case of a JV, Applicant's actual or intended country of constitution: _____ <i>[indicate country of Constitution]</i>
Applicant's actual or intended year of constitution: _____ <i>[indicate year of Constitution]</i>
Applicant's legal address (in country of constitution): _____ <i>[insert street / number / town or city / country]</i>
Applicant's authorized representative information: Name: _____ <i>[insert full name]</i> Address: _____ <i>[insert street / number / town or city / country]</i> Telephone/Fax numbers: _____ <i>[insert telephone/fax numbers, including country and city codes]</i> Email address: _____ <i>[indicate email address]</i>
1. Attached are copies of original documents of: <ul style="list-style-type: none"> <input type="checkbox"/> Articles of Constitution (or equivalent documents of association), of the legal entity named above. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITA 4.3, documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • That the Applicant is not dependent agency of the Employer
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form ELI-1.2: Applicant's JV Information Form

[The following table shall be filled by each member of a Joint Venture and, if applicable, by any specialized subcontractor, and in that case substitute "Applicant's JV member" for "specialized subcontractor".]

Date: *[insert day, month, year]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Applicant name: _____ <i>[insert full name]</i>
Applicant's JV Member's name: _____ <i>[insert full name of Applicant's JV Member]</i>
Applicant's JV Member's country of constitution: _____ <i>[indicate country of constitution]</i>
Applicant's JV Member's year of constitution: _____ <i>[indicate year of constitution]</i>
Applicant's JV Member's legal address in country of constitution: _____ <i>[insert street / number / town or city / country]</i>
Applicant's JV Member's authorized representative information: Name: _____ <i>[insert full name]</i> Address: _____ <i>[insert street / number / town or city / country]</i> Telephone/Fax numbers: _____ <i>[insert telephone/fax numbers, including country and city codes]</i> Email address: _____ <i>[indicate email address]</i>
1. Attached are copies of original documents of: <ul style="list-style-type: none"> <input type="checkbox"/> Articles of Constitution (or equivalent documents of association), of the legal entity named above. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITA 4.3, documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • That the Applicant is not dependent agency of the Employer
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form CON-2: Historical Contract Non-Performance, Pending Litigation and Litigation History

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*
 Date: *[insert day, month, year]*
 Joint Venture Member's Name: *[insert full name]*
 IPC No. and title: *[insert IPC number and title]*
 Page *[insert page number]* of *[insert total number]* pages

Non-Performed Contracts in accordance with Section III - Evaluation and Prequalification Criteria			
<input type="checkbox"/> Contract non-performance did not occur since 1st January <i>[insert current year number less 5]</i> specified in Section III - Evaluation and Prequalification Criteria, criterion 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert current year number less 5]</i> specified in Section III - Evaluation and Prequalification Criteria, criterion 2.1, as indicated below:			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and EURO equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for non-performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

Pending Litigation, in accordance with Section III - Evaluation and Prequalification Criteria			
<input type="checkbox"/> No pending litigation in accordance with Section III - Evaluation and Prequalification Criteria, criterion 2.3. <input type="checkbox"/> Pending litigation in accordance with Section III - Evaluation and Prequalification Criteria, criterion 2.3 as indicated below:			
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), EURO Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Status of dispute: <i>[indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary, specify "pending" or "settled"]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount]</i>	...	<i>[insert amount]</i>
...

Form FIN–3.1: Financial Situation and Performance

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

1. Financial data

Type of Financial information in <i>[indicate currency]</i>	Historic information for previous <i>[insert number, in figure and in words]</i> years (Amount in <i>[indicate currency, exchange rate, EURO equivalent]</i>)		
	Year 1	Year 2	Year 3
Statement of financial position (information from balance sheet)			
Total assets (TA)			
Total financial liabilities ¹			
Total equity/Net worth (NW)			
Current assets			
Current liabilities			
Working capital (WC)			
Information from income statement			
Total revenue			
Earnings before interest, taxes, depreciation, and amortization (EBITDA) ²			
Earnings before taxes (EBT)			
Cash flow information			
Cash flow from operating activities			

¹ Means any financial indebtedness for and in respect of:

- a) any monies borrowed on a short, medium or long-term basis;
- b) any bank overdraft;
- c) any amounts raised pursuant to any bills of exchange issued to a third party (or any dematerialised equivalent of such instrument);
- d) any amounts raised pursuant to any note purchase facility or the issue of bonds, notes, debentures, loan stock or any similar instruments;
- e) the amount of any liability in respect of any lease or hire purchase contract which would be treated as a finance or capital lease;
- f) receivables sold or discounted (other than any receivables to the extent they are sold on a non-recourse basis).

² Means, for any given year, the aggregate of:

- (+) net income
- (+) tax expense
- (+/-) extraordinary income or expense
- (+/-) financial result
- (+/-) net foreign exchange losses or gains
- (+) net depreciation and amortization allowances and provisions

2. Financial Documents

The Applicant and, in case of a JV, each member, shall provide copies of financial statements for *five (5)* years pursuant Section III - Evaluation and Prequalification Criteria, criterion 3.1. The financial statements shall:

- a) Reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or subsidiary);
 - b) Be independently audited or certified in accordance with local legislation;
 - c) Be complete, including all notes to the financial statements;
 - d) Correspond to accounting periods already completed and audited.
- Attached are copies of financial statements³for the *five (5)*years required above; and complying with the requirements.

³ If the most recent set of financial statements is for a period earlier than 12 months from the date of application, the reason for this should be justified.

Form FIN–3.2: Annual Turnover

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Year	Annual turnover data		
	Amount and Currency ¹	Exchange rate	EURO Equivalent
<i>[Indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>	<i>[insert exchange rates used to calculate the EURO equivalent]</i>	<i>[insert EURO equivalent]</i>
		Average Annual Turnover²	

¹ The indicated turnover amounts must be identical as those appearing on the financial statements.

² See Section III - Evaluation and Prequalification Criteria, criterion 3.2.

**Form FIN-3.3:
Sources of Finance**

[The following table shall be filled in for the Applicant and all members combined in case of a Joint Venture]

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Section III - Evaluation and Prequalification Criteria.

Financial Resources		
No.	Source of Financing	Amount (EURO equivalent)
1		
2		
3		
...		

**Form FIN-3.4:
Current Contract Commitments / Works in Progress**

Applicants and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments					
No.	Name of Contract	Employer's Contact Address, Tel, Fax	Value of Outstanding Work (Current EURO Equivalent)	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months (EURO/month)
1					
2					
3					
4					
5					
...					

Form EXP-4.1: General Construction Experience

[The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member]

Applicant's Name: *[insert full name]*
 Date: *[insert day, month, year]*
 Joint Venture Member's Name: *[insert full name]*
 IPC No. and title: *[insert IPC number and title]*
 Page *[insert page number]* of *[insert total number]* pages

[Identify contracts that demonstrate continuous construction work over the past [number] years pursuant to Section III - Evaluation and Prequalification Criteria, criterion 4.1. List contracts chronologically, according to their commencement (starting) dates.]

Starting Year	Ending Year	Contract Identification	Role of Applicant
<i>[indicate year]</i> _____	<i>[indicate year]</i> _____	Contract Name: <i>[insert full name]</i> Brief description of the works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of Contract: <i>[insert amount in currency, mention currency used, exchange rate and EURO equivalent]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Subcontractor" or "Management Contractor"]</i> _____ _____
...

**Form EXP–4.2(a):
Specific Construction and Contract Management Experience**

[The following table shall be filled in for contracts performed by the Applicant or each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Similar Contract No.: <i>[insert number] of [insert number of similar contracts required]</i>	Information		
Contract Identification:	_____		
	<i>[insert contract name and number, if applicable]</i>		
Award Date:	_____		
	<i>[insert day, month, year, i.e., 15 June, 2015]</i>		
Completion Date:	_____		
	<i>[insert day, month, year, i.e., 03 October, 2017]</i>		
Role in Contract: <i>[check the appropriate box]</i>	<input type="checkbox"/> Prime Contractor	<input type="checkbox"/> Member in JV	<input type="checkbox"/> Management Contractor
	<input type="checkbox"/> Subcontractor		
Total Contract Amount:	_____		_____ EURO
	<i>[insert total contract amount in contract currency(ies)]</i>		<i>[insert Exchange rate(s) and total contract amount in EURO equivalent]</i>
If member in a JV or subcontractor, specify participation in total Contract amount:	_____ % <i>[insert a percentage amount]</i>	_____ <i>[insert total contract amount in contractcurrency(ies)]</i>	_____ EURO <i>[insert exchange rate(s) and total contract amount in EURO equivalent]</i>
Employer's Name:	_____		
	<i>[insert full name]</i>		
Address:	_____		
	<i>[indicate street/number/town or city/country]</i>		
Telephone/Fax numbers:	_____		
	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
Email:	_____		
	<i>[insert email address, if available]</i>		

**Form EXP-4.2(a) (cont.):
Specific Construction and Contract Management Experience (cont.)**

Applicant's Name: *[insert full name]*
Joint Venture Member's Name: *[insert full name]*

Similar Contract No.: <i>[insert number]</i> of <i>[insert number of similar contracts required]</i>	Information	
Description of the similarity in accordance with criterion 4.2(a) of Section III - Evaluation and Prequalification Criteria		
1. Amount	_____ <i>[insert amount in contract currency(ies), exchange rate(s), EURO in words and in figures]</i>	_____ EURO <i>[insert Exchange rate(s) and total amount in EURO equivalent]</i>
2. Physical size of required works items	_____ <i>[insert physical size of items]</i>	
3. Complexity	_____ <i>[insert description of complexity]</i>	
4. Methods/Technology	_____ <i>[insert specific aspects of the methods/technology involved in the contract]</i>	
5. Construction rate for key activities	_____ <i>[insert rates and items]</i>	
6. Other Characteristics	_____ <i>[insert other characteristics as described in Section VII - Scope of Works]</i>	

Form EXP–4.2(b): Construction Experience in Key Activities

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Subcontractor's Name¹ (as per ITA 24.3): *[insert full name]*

Page *[insert page number]* of *[insert total number]* pages

1. Key Activity No. 1: *[insert brief description of the Activity, emphasizing its specificity]*

	Information		
Contract Identification:	_____		
	<i>[insert contract name and number, if applicable]</i>		
Award Date:	_____		
	<i>[insert day, month, year, i.e., 15 June, 2015]</i>		
Completion Date:	_____		
	<i>[insert day, month, year, i.e., 03 October, 2017]</i>		
Role in Contract: <i>[check the appropriate box]</i>	<input type="checkbox"/> Prime Contractor	<input type="checkbox"/> Member in JV	<input type="checkbox"/> Management Contractor
	<input type="checkbox"/> Subcontractor		
Total Contract Amount:	_____		_____
	<i>[insert total contract amount in contract currency(ies)]</i>		EURO <i>[insert exchange rate(s) and total contract amount in EURO equivalent]</i>
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (ii)	Actual quantity perform (i) x (ii)
Year 1			
Year 2			
Year 3			
Year 4			
Employer's Name:	_____		
	<i>[insert full name]</i>		
Address:	_____		
	<i>[indicate street / number / town or city / country]</i>		
Telephone/Fax numbers:	_____		
	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
Email:	_____		
	<i>[insert email address, if available]</i>		

¹ If permitted by the Employer under "specialized works" in Table 4.2 (b) of Section III - Evaluation and Prequalification Criteria.

**Form EXP-4.2(b) (cont.):
Construction Experience in Key Activities (cont.)**

Applicant's Name: *[insert full name]*
 Joint Venture Member's Name: *[insert full name]*

Description of the key activities in accordance with criterion 4.2(b) of Section III - Evaluation and Prequalification Criteria	
	<i>[insert response to inquiry indicated in left column]</i>

2. **Key ActivityNo. 2:***[insert brief description of the Activity, emphasizing its specificity]*
3. **Key ActivityNo. 3:***[insert brief description of the Activity, emphasizing its specificity]*

**Form CER:
Quality Management / Environmental, Social, Health and Safety (ESHS)
Certification**

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Certification *[Quality / Environmental / Health and Security]*
[Delete as appropriate]

DESCRIPTION	INFORMATION
Identification of the certificate:	_____ <i>[insert full name of the certificate]</i>
Date of Issue:	_____ <i>[insert day, month, year of first certificate award]</i>
Areas covered by the certificate:	_____ <i>[activities and locations]</i>
Expiry Date:	_____ <i>[insert day, month, year]</i>
Issuer's Name:	_____ <i>[insert full name]</i>
Address:	_____ <i>[insert street / number / town or city / country]</i>
Telephone/Fax numbers:	_____ <i>[insert phone/fax no., incl. country & city area codes]</i>
Email:	_____ <i>[insert email address, if available]</i>
Compliance with international standards	The certificate is <i>[ISO 9001, ISO 14001, ISO 45001]</i> <i>[select as appropriate]</i> <input type="checkbox"/> Yes / <input type="checkbox"/> No
If no, proof of conformity with ISO standards by the Applicant	The Applicant shall provide a conformity assessment of its certificate by an internationally recognized Accredited Certification Body

The Applicant shall fill this Form for each Certification required under criterion 5.1 of Section III - Evaluation and Prequalification Criteria.

**Form EXP–ESHS:
Environmental, Social, Health and Safety (ESHS) Experience**

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Similar Contract No.: <i>[insert number] of [insert number of similar contracts required]</i>	Information			
Contract Identification:	_____ <i>[insert contract name and number, if applicable]</i>			
Short Project Description (main scope and key values of project):	_____ _____ <i>[insert short project description]</i>			
Award date:	_____ <i>[insert day, month, year]</i>			
Completion date:	_____ <i>[insert day, month, year]</i>			
Role in Contract: <i>[check the appropriate box]</i>	<input type="checkbox"/> Prime Contractor	<input type="checkbox"/> Member in JV	<input type="checkbox"/> Management Contractor	<input type="checkbox"/> Subcontractor
Total Contract Amount:	_____ <i>[insert total contract amount in local currency]</i>	_____ <i>[insert total contract amount in EURO equivalent]</i>		
If party in a JV or subcontractor, specify participation of total contract amount:	_____ % <i>[insert a percentage amount]</i>	_____ <i>[insert total contract amount in local currency]</i>	_____ <i>[insert total contract amount in EURO equivalent]</i>	
Employer's name:	_____ <i>[insert full name]</i>			
Address:	_____ _____ <i>[insert street / number / town or city / country]</i>			
Telephone/Fax numbers:	_____ <i>[insert phone/fax numbers, including country and city area codes]</i>			
Email:	_____ <i>[insert email address, if available]</i>			

Similar Contract No.: <i>[insert number] of [insert number of similar contracts required]</i>	Information
Description of the ESHS challenges and measures implemented under the contract: a) ESHS Challenge: b) ESHS Risk Assessment Level: c) ESHS implemented measures (as per criterion 5.3 of Section III - Evaluation and Prequalification Criteria): d) ESHS Knowhow Transfer or ESHS Local Staff Capacity Building (as per criterion 5.4, if any, of Section III - Evaluation and Prequalification Criteria):	 <i>[Insert description]</i> <i>[Insert classification of risk assessment as per development bank classification if applicable]</i> <i>[Provide a document supporting the implementation of ESHS measures, acceptable to the Employer¹]</i> <i>[Provide evidence of successful²:</i> <ul style="list-style-type: none"> – <i>ESHS knowhow transfer to local partners or subcontractors; or</i> – <i>ESHS capacity building to local staff under the contract.]</i>

¹ For example ESHS activity reports, ESHS final reports, ESHS inspection reports, supervision Engineer's reports, etc. Only documents evidencing implementation of ESHS measures shall be accepted.

² For example ESHS activity reports presenting training activities, training materials with attendance sheets, etc. Only documents evidencing ESHS knowhow transfer or ESHS local staff capacity building shall be accepted.

Section V – Eligibility Criteria

Eligibility in AFD-Financed Procurement

1. Financing allocated by AFD to a Contracting Authority has been entirely untied since 1st January 2002. To the exception of any equipment or any sector which is subject to an embargo by the United Nations, the European Union or France, all goods, works, plants, consulting services and non-consulting services are eligible for AFD financing regardless of the country of origin of the supplier, contractor, subcontractor, consultant or subconsultant inputs or resources used in the implementation processes. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.
2. Natural or legal Persons¹ (including all members of a joint venture or any of their suppliers, contractors, subcontractors, consultants or subconsultants) shall not be awarded an AFD-financed contract if, on the date of submission of an application, a bid or a proposal, or on the date of award of a contract, they:
 - 2.1 Are bankrupt or being wound up or ceasing their activities, are having their activities administered by the courts, have entered into receivership, or are in any analogous situation arising from a similar procedure;
 - 2.2 Have been:
 - a) convicted, within the past five years by a court decision, which has the force of res judicata in the country where the contract is implemented, of fraud, corruption or of any other offense committed during a procurement process or performance of a contract, unless they provide supporting information together with their **Covenant of Integrity** (Form available as Appendix to the Application, Bid or Proposal Submission Form) which shows that this conviction is not relevant in the context of the Contract;
 - b) subject to an administrative sanction within the past five years by the European Union or by the competent authorities of the country where they are constituted, for fraud, corruption or for any other offense committed during a procurement process or performance of a contract, unless they provide supporting information together with their **Covenant of Integrity** (Form available as Appendix to the Application, Bid or Proposal Submission Form) which shows that this sanction is not relevant in the context of the Contract;
 - c) convicted, within the past five years by a court decision, which has the force of res judicata, of fraud, corruption or of any other offense committed during the procurement process or performance of an AFD-financed contract;
 - 2.3 Are listed for financial sanctions by the United Nations, the European Union and/or France for the purposes of fight-against-terrorist financing or threat to international peace and security;
 - 2.4 Have been subject within the past five years to a contract termination fully settled against them for significant or persistent failure to comply with their contractual obligations during contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against them;
 - 2.5 Have not fulfilled their fiscal obligations regarding payments of taxes in accordance with the legal provisions of either the country where they are constituted or the Contracting Authority's country;

¹ Means any Person whether natural or legal, firm, company, corporation, government, state or state agency or any association, or group of two or more of the foregoing (whether or not having separate legal status).

- 2.6 Are subject to an exclusion decision of the World Bank and are listed on the website <http://www.worldbank.org/debar>, unless they provide supporting information together with their **Covenant of Integrity** (Form available as Appendix to the Application, Bid or Proposal Submission Form) which shows that this exclusion is not relevant in the context of the Contract;
 - 2.7 Have created false documents or committed misrepresentation in documentation requested by the Contracting Authority as part of the procurement process of the Contract.
3. State-owned entities may compete only if they can establish that they (i) are legally and financially autonomous, and (ii) operate under commercial law. To be eligible, a state-owned entity shall establish to AFD's satisfaction, through all relevant documents, including its Charter and other information AFD may request, that it: (i) is a legal entity separate from their state (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to their state, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt.

Section VI – AFD Policy - Corrupt and Fraudulent Practices –Environmental and Social Responsibility

1. Corrupt and Fraudulent Practices

The Contracting Authority and the suppliers, contractors, subcontractors, consultants or subconsultants must observe the highest standard of ethics during the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.

By signing the **Covenant of Integrity** the suppliers, contractors, subcontractors, consultants or subconsultants declare that (i) “it did not engage in any practice likely to influence the contract award process to the Contracting Authority’s detriment, and that it did not and will not get involved in any anti-competitive practice”, and that (ii) “the procurement process and the performance of the contract did not and shall not give rise to any act of corruption or fraud”.

Moreover, AFD requires including in the Procurement Documents and AFD-financed contracts a provision requiring that suppliers, contractors, subcontractors, consultants or subconsultants will permit AFD to inspect their accounts and records relating to the procurement process and performance of the AFD-financed contract, and to have them audited by auditors appointed by AFD.

AFD reserves the right to take any action it deems appropriate to check that these ethics rules are observed and reserves, in particular, the rights to:

- a) Reject a proposal for a contract award if it is established that during the selection process the bidder or consultant that is recommended for the award has been convicted of corruption, directly or by means of an agent, or has engaged in fraud or anti-competitive practices in view of being awarded the Contract;
- b) Declare misprocurement when it is established that, at any time, the Contracting Authority, the suppliers, contractors, subcontractors, consultants or subconsultants their representatives have engaged in acts of corruption, fraud or anti-competitive practices during the procurement process or performance of the contract without the Contracting Authority having taken appropriate action in due time satisfactory to AFD to remedy the situation, including by failing to inform AFD at the time they knew of such practices.

AFD defines, for the purposes of this provision, the terms set forth below as follows:

- a) Corruption of a Public Officer means:
 - The act of promising, offering or giving to a Public Officer, directly or indirectly, an undue advantage of any kind for himself or for another Person¹ or entity, for such Public Officer to act or refrain from acting in his official capacity; or
 - The act by which a Public Officer solicits or accepts, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity.
- b) A Public Officer shall be construed as meaning:
 - Any person who holds a legislative, executive, administrative or judicial mandate (within the country of the Contracting Authority) regardless of whether that natural Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the natural Person occupies;
 - Any other natural Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service;

¹ Means any Person whether natural or legal, firm, company, corporation, government, state or state agency or any association, or group of two or more of the foregoing (whether or not having separate legal status).

- Any other natural Person defined as a Public Officer by the national laws of the country of the Contracting Authority.
- c) Corruption of a Private Person² means:
- The act of promising, offering or giving to any Private Person, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Private Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations; or;
 - The act by which any Private Person solicits or accepts, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Private Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations.
- d) Fraud means any dishonest conduct (act or omission), whether or not it constitutes a criminal offence, deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate consent, to circumvent legal or regulatory requirements and/or to violate internal rules in order to obtain illegitimate profit.
- e) Anti-competitive practices mean:
- Any concerted or implied practices which have as their object or effect the prevention, restriction or distortion of competition within a marketplace, especially where they (i) limit access to the marketplace or free exercise of competition by other undertakings, (ii) prevent free, competition-driven price determination by artificially causing price increases or decreases, (iii) restrict or control production, markets, investments or technical progress; or (iv) divide up market shares or sources of supply;
 - Any abuse by one undertaking or a group of undertakings which hold a dominant position on an internal market or on a substantial part of it;
 - Any practice whereby prices are quoted or set unreasonably low, the object of which is to eliminate an undertaking or any of its products from a market or to prevent it from entering the market.

2. Environmental and Social Responsibility

In order to promote sustainable development, AFD seeks to ensure that internationally recognised environmental and social standards are complied with. Suppliers, contractors, subcontractors, consultants or subconsultants for AFD-financed contracts shall consequently undertake in the **Covenant of Integrity** to:

- a) Comply with and ensure that all their subcontractors or subconsultants comply with international environmental and labour standards, consistent with applicable law and regulations in the country of implementation of the contract, including the fundamental conventions of the International Labour Organisation (ILO) and international environmental treaties;
- b) Implement environmental and social risks mitigation measures when specified in the environmental and social management plan (ESMP) provided by the Contracting Authority.

² Means any natural Person other than a Public Officer.

PART 2 – Works Requirements

Section VII – Scope of Works

1. Description of the Works

Objective of the Contract Assignment

In the framework of the French and German Financial Cooperation with the Hashemite Kingdom of Jordan, it is planned to finance the project “Improved Access to Water, Water Distribution Performance and Related Sewerage Disposal in Irbid Governorate for Host Communities and Syrian Refugees”.

The water supply and sewerage systems of the Governorate are generally in a bad condition and have significantly deteriorated due to the huge impact of Syrian refugees in the project area and the tremendously increased water demand.

The overall project is comprised of two main components A and B:

- Component A: Improvement of Water Supply Systems for Irbid / Ramtha and Technical Assistance for Yarmouk Water Company (YWC);
- Component A is divided in two Packages: A1 (central Irbid) and A2 (remaining Irbid and Ramtha)
- Component B: Improvement of Sewerage Systems in Irbid.

Component A1 (central Irbid) is not part of the present project.

The present project considered as Package A2 refers to the financing of remaining parts for Irbid & its suburbs and Ramtha city and its suburbs.

The purposes of Component A are the following:

- Restructuring, expanding and improving the performance of the water network in Greater Irbid and Ramtha to cater for increased quantities of water and to secure adequate levels of service to the host communities and Syrian refugees in the Greater Irbid areas;
- Improving the performance of the water networks in terms of volume and timelines, reducing leakage and energy consumption;
- Improving access to water of the vulnerable communities.

Project Area

The project area is located in:

- Irbid (part of the measures which are not implemented under Component A / Package 1
- Ramtha

Irbid:

Within the frame of the JICA financed Master plan, the project area has been initially divided into subzones also called DMAs (District Metering Areas). The Study Area of the present project is composed of the following six originally designed DMAs (see figure hereafter, Gr stands for gravity supplied and P stands for pumped supply):

- Zebdat Gr-04
- Zebdat Gr-05
- Zebdat P-02
- Hofa Gr.01
- Hofa Gr.02
- Hofa Gr.03

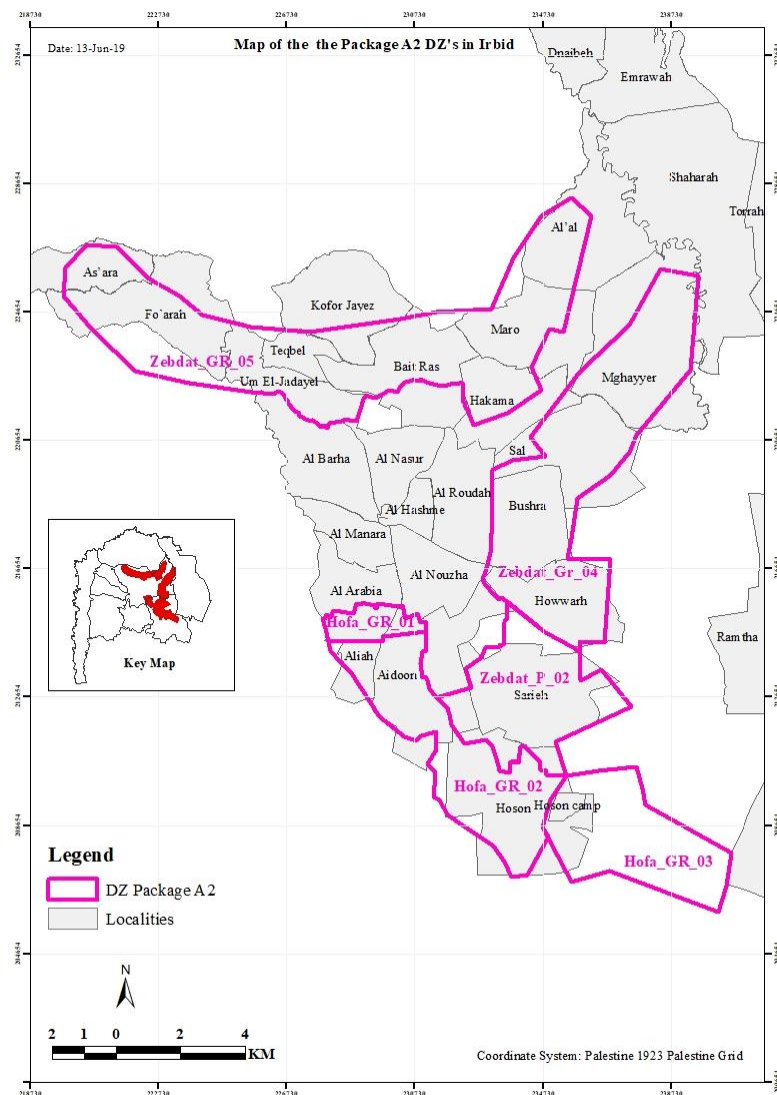


Figure 1: DMAs in the Project Area in Irbid (JICA Master Plan)

The term DMAs is not entirely accurate for the sizes of proposed subzones and they are called Distribution Zones (DZs) in the Project Package A2.

The number of DZs could differ from those in Master Plan depending on the final detailed design. The other DZs (Zebdat GR-01, GR-02, GR-03 and P-01) which are mostly located in the Irbid city are implemented under Component A / Package 1, for which Works service were prepared to be tendered.

Ramtha:

The study area of Ramtha defined within the frame of the masterplan is shown in the map below.

It is proposed in Master Plan to be divided into 6 DMAs, now called Distribution Zones (DZs).

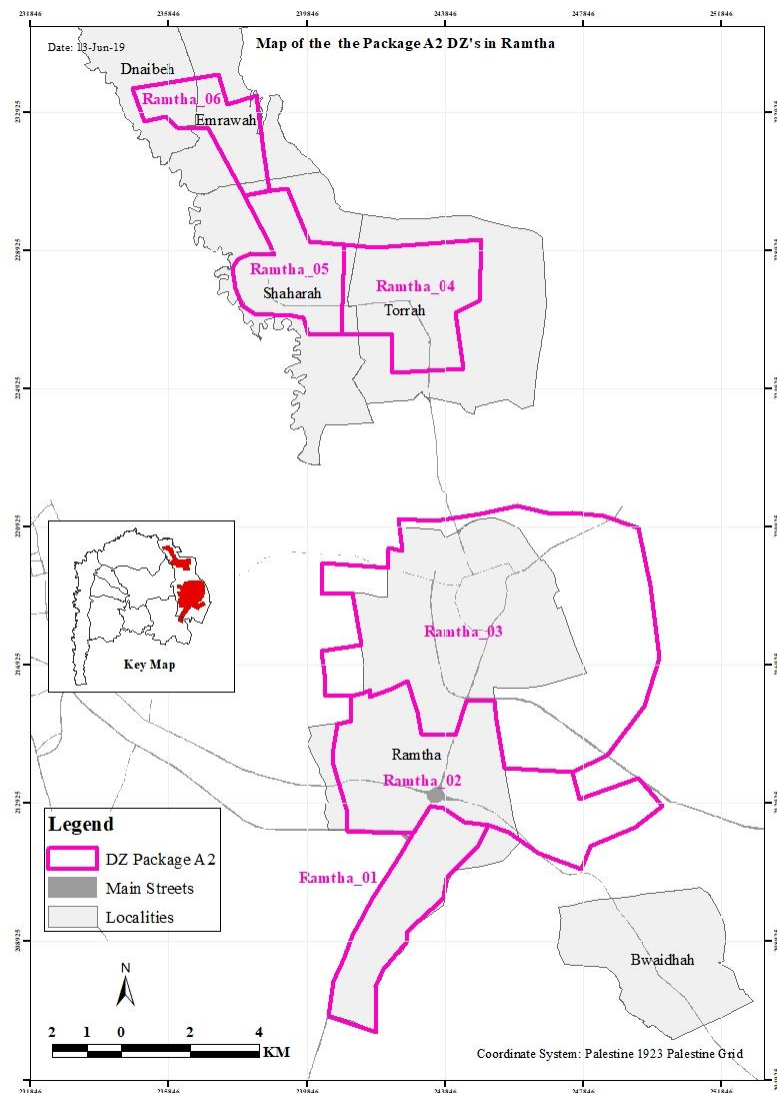


Figure 2: DMAs in the Project Area in Ramtha (JICA Master Plan)

Scope of works

The works to be carried out are planned to be constructed in three works packages:

- **Work Package 1 (or C1):** comprises all the works in Greater Irbid
- **Work Package 2 (or C2):** comprises all the works in Ramtha city and its sub-urban areas
- **Work Package 3 (or C3):** comprises all the works for new Ramtha reservoir and gravity Transmission Main from Um Lulu to Ramtha reservoir.

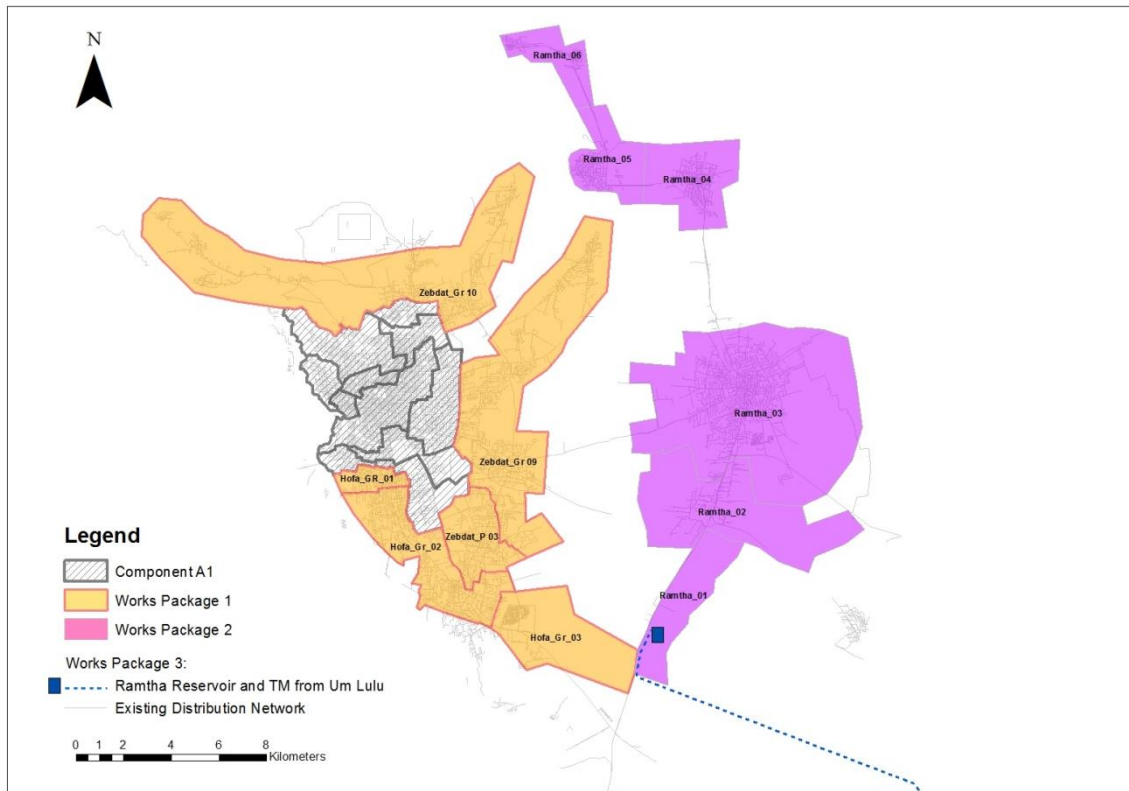


Figure 3: Map showing the work packages in Irbid and Ramtha

The proposed works include:

- Construction of DI and PE water pipelines, including all required pipe appurtenances and ancillary works (table below);
- Construction of booster/pumping station
- Proper isolation for the proposed DZs at the boundaries;
- Connection of the water network with the pumping facilities
- Connection of the existing water networks with the new strengthening pipelines;
- Connection of the water network with the existing Zebdat reservoir.
- Construction of reservoir in Ramtha
- Connecting new assets to the existing YWC SCADA system and provision of remote stations

The lengths of pipeline to be laid per diameter and per Package are summarized in the table below:

Table 1: Preliminary Quantities of Pipelines and ancillary items

WORKS PACKAGES	DESCRIPTION		ESTIMATED QUANTITIES
	GENERAL	DETAILS	
WP1	Distribution Pipes	DN 100 to 600 + HCs	46.2 km
	Transmission Pumps	Zebdat TP	2 sets
	Distribution pumps	Zebdat DP	2x2 sets
	Pump Room	Zebdat	1 unit
	Bait Ras Booster		1 unit
	Hydropneumatic Booster Station		1 unit
	SCADA sets	DZ entry points, PS	Connection of works to SCADA
WP2	Distribution pipe + HC	DN 100 to 900 + HCs	33,5 km
	SCADA sets	DZ entry points, PS	Connection of works to SCADA
WP3	Transmission Pipe	DI 600	12.9 km
	Reservoir	2 x 10,000 m ³	1 unit
	SCADA	TM + Reservoir control devices	Connection of works to SCADA

The quantities mentioned above in the table are subject to change with final detailed design.

2. Construction Period(s)

The intended time schedule for the contracts is indicated below:

- Closing date for Pre-qualification applications 03 August 2020
- Call for tenders from short listed Contractors 01 November 2020
- Closing date for tenders 20 December 2020
- Commencement 20 March 2021
- Time for Completion 24 months plus 12 months of DNP
- Contract completion 19 March 2023

3. Site and other Data

Climatic Condition

Irbid and Ramtha have a hot, summer Mediterranean climate with two seasons as listed below. It has an average temperature of 17.5°C, maximum mean temperature of 23.1°C, minimum mean temperature of 12.4°C and average humidity remains at 48%.

- Summer season: April–October
- Winter season: November–March

The difference between the monthly maximum and monthly minimum temperatures is about 10oC. The average annual rainfall is 470 mm. About 90% rainfall occurs during the period from November to March.

Topography

The topography of the Study Area is very much undulated which makes the pressure control difficult in the distribution network. Irbid is situated on a large plateau with ground elevation ranging from 250 m to 750 m. Ramtha city is situated on a small hill with elevation ranging from 400 m to 600 m.