



Invitation for Bids

Hashemite Kingdom of Jordan

Project Implementation Sewer System of Southwest Amman - Jordan

Construction of Sewer Networks, for Selected Naur Areas

Package 1 – (3) Lots

Contract No.: 36/2022

KfW Tender No.: 508037

The Water Authority of Jordan has received financing from German Financial Cooperation through KfW toward the cost of Project Implementation Sewer System of Southwest Amman-Jordan and intends to apply part of the proceeds toward payments under the contract for the “Project of Implementation Sewer System Southwest Amman - Package 1”, Contract No. 36/2022. KfW retains certain approval rights, including approval of the Contractors selected. However, KfW will not be a party to the Contract.

The Water Authority of Jordan (WAJ) now invites sealed bids from prequalified eligible bidders for Project of Implementation Sewer System of Southwest Amman-Package 1, Construction of Sewer Networks for Selected Naur Areas, which covers an area of about 12km², southwest of Amman Capital, which falls under the jurisdiction of the Naur Municipality.

The Project is divided into four (4) packages, package 1 involves laying public sewer infrastructure to serve the catchment areas of parts of Naur. Package 1 comprises supply, installation, testing and commissioning of new gravity sewer network of corrugated HDPE of 200 mm, 300 mm, 400mm pipelines with associated cast-in-situ/precast reinforced concrete manholes as shown in the Typical Details and Drawings. In addition to Ductile Iron and Carbon Steel pipes with different diameters up to 700 mm at locations shown in the Contract drawings. In which the Contractor shall provide all Plants, Equipment, Materials, labours required for completion of the Works in accordance with the Contract Documents and the approved Programme and to carry out the commissioning.

The Contractor shall supply pipes based on either inner or outer and for all pipe diameters for the project.

Package 1 is divided into three lots:

- Lot 1: Construction of sewerage system for parts of Naur.
- Lot 2: Construction of sewerage system for parts of Naur
- Lot 3: Construction of sewerage system for parts of Naur and replacement of 2.0 km of Wadi As Sir existing trunkline

Proposed Works for Lot 1 include, but not limited to, the followings:

- Supply, installation and testing of new gravity sewer corrugated HDPE pipelines of 200mm, 300mm, and 400mm, including related cast-in-situ/precast reinforced concrete manholes. The total lengths of the sewer pipelines are about 36.6 km and the total lengths of Ductile Iron pipeline of 200mm,300 mm and 400 mm is about 1,810m,
- Supply, installation and testing of about 4.6 km of house connections of corrugated HDPE pipes of 160mm.
- Supply, installation and testing of about 730 m pipes of 200mm, 300mm, and 400mm, using trenchless construction method for installation of pipelines under major/main highways and for deep Pipelines.
- Supply, installation and testing of about 3.0 km of corrugated HDPE pipes of 200 mm in wadis with cast in situ manholes including all works as per typical details.

Proposed Works for Lot 2 include, but not limited to, the followings:

- Supply, installation and testing of new gravity sewer corrugated HDPE pipelines of 200mm and 300mm, including related cast-in-situ/precast reinforced concrete manholes. The total lengths of the sewer pipelines are about 35 km and the total lengths of Ductile Iron pipeline of 200mm is about 1,840m.
- Supply, installation, and testing of about 6.5 km of house connections of corrugated HDPE pipes of 160mm.
- Supply, installation, and testing of about 530 m pipes of 200 mm and 300 mm, using trenchless construction method for installation of pipelines under major/main highways and for deep Pipelines.

Proposed Works for the optional part (i.e., Um Hajar Area) include, but not limited to, the followings:

- Design, supply, installation and testing of new gravity sewer corrugated HDPE pipelines of 200mm, including related cast-in-situ/precast reinforced concrete manholes. The total lengths of the sewer pipelines are about 2.7 km.
- Design, supply, installation, and testing of about 600 m of house connections of corrugated HDPE pipes of 160mm.

Proposed Works for Lot 3 include, but not limited to, the followings:

- Supply, installation and testing of new gravity sewer corrugated HDPE pipelines of 200mm and 300mm, including related cast-in-situ/precast reinforced concrete manholes. The total lengths of the sewer pipelines are about 31.6 km and the total lengths of Ductile Iron pipeline of 200mm is about 1,790m.
- Supply, installation, and testing of about 4.9 km of house connections of corrugated HDPE pipes of 160mm.
- Supply, installation, and testing of pipes of 200 mm, using trenchless construction method for installation of pipelines under major/main highways and for deep Pipelines.

- Supply, installation and testing of about 700 m of corrugated HDPE pipes of 200mm in wadis with cast in situ manholes including all works as per typical details.
- Supply, installation, and testing of new 500 m of 300 mm gravity sewer Ductile Iron pipeline for replacement the collapsed part of the existing Naur trunkline, including related precast reinforced concrete /cast-in-situ manholes.
- Supply, installation, and testing of new 2.0 km gravity sewer Ductile Iron pipeline of 700 mm diameter of Wadi As-sir trunkline, including related precast reinforced concrete /cast-in-situ manholes related to the construction of the new Wadi As Sir trunkline 700 mm, the Contractor is responsible for the following:
 1. Connecting the new Ductile Iron pipeline of 700 mm with the existing Wadi As Sir trunkline at the start and end new manholes as shown on the Design Drawings in such manner that there will be no damage to the existing trunkline while execution of the new pipeline, as well as to the collector branches, house connection and manholes. The existing start and end manholes shall be replaced by new reinforced concrete manholes as per the contract documents.
 2. Test and operate the new trunkline and make sure that it will convey the discharged flow from Wadi As sir and areas surrounded by implementation of appropriate benching in the start and end connection manholes that is necessary to ensure flow diversion from the upstream existing part of the trunkline to and through the new 700 mm trunkline and from the new 700 mm trunkline at the end manhole to the downstream existing part of the trunkline.
 3. To submit all method statements for the implementation of the 700mm pipeline including all related works and for connecting the 700mm Ductile Iron Pipe to the precast /cast in situ manholes for the prior approval of the Engineer.
 4. Perform his own survey and site investigation to verify trunkline route and specify the location of the pipeline without any clashes with the existing utilities.
 5. Supply, installation, and testing of new 450 m of 700 mm gravity sewer Ductile Iron pipeline of replacement the existing 500 mm Wadi As Sir trunkline inside Naur WWTP, including related precast reinforced concrete /cast-in-situ manholes. The Contractor will be responsible for the following:
 - Carry out site investigation and specify the exact locations of the existing utilities at site, in which the proposed alignment and profile of the new pipeline will be verified accordingly to prevent clashes with the existing utilities.
 - Connecting the new 700 mm trunkline to the existing confluence box including all required to complete the work.
 - Study the sizing of the confluence box and the water level inside it after construction of the new trunk line.
 6. Proposed Works for the optional part (Public Security Buildings) include, but not limited to, the followings:
 - Supply, installation and testing of new gravity sewer corrugated HDPE pipelines of 300mm, including related cast in situ/precast reinforced concrete manholes. The total length of the sewer pipelines is about 1.3 km.

- Supply, installation and testing of about 170 m pipes of 300mm, using trenchless construction method for installation of pipelines under major/main highways and for deep Pipelines.

The Environmental, Social, Health and Safety Management (ESHS) level is 2.

The following table shows the entities that have been shortlisted to participate in this bidding procedure and the lots they are qualified for:

No.	Applicant	Lots Applied For	Lots Qualified For	Qualified for Trunk Line Lot
1	Issa Bosheh and Partners Company (Bosheh Contracting Establishment)	1 lot	1 lot	Yes
2	JV (PETROJET-AYT), The Petroleum Projects and Technical Consultations Company (PETROJET) & Ahmad Yousef Al Tarawneh & Partner Co. Ltd.)	3 lots	3 lots	Yes
3	Fouad Abu Hamdan Engineering & Contracting & Partners Co.	3 lots	2 lots	Yes
4	JV (The Arab Contractors-Al-Derah), The Arab Contractors & Al-Derah Contracting Company	2 lots	2 lots	Yes
5	MID Contracting Company	2 lots	2 lots	No

Taking into consideration that according to ITA 25.3 of the Prequalification Document issued Nov,2022:

- Bidders qualified for one lot can bid for each of the lots separately but can be awarded with one contract only.
- Bidders qualified for two lots can bid for any lot separately and/or for two lots combined and can be awarded with one or two contracts.
- Bidders qualified for three lots can bid for any lot separately and/or for two lots or for three lots combined and can be awarded with one, two or all three contracts.

Bidding will be conducted by means of the International Competitive Bidding procedure as specified in the KfW Guidelines for Procurement of Goods, Works and associated Services in Financial Cooperation with Partner Countries ("KfW Guidelines") [Procurement regulations | KfW Development Bank \(kfw-entwicklungsbank.de\)](https://www.kfw-entwicklungsbank.de/Procurement-regulations).

Prequalified eligible bidders may obtain further information from:

Water Authority of Jordan
WAJ Tender Department / Sixth Floor

Water Authority of Jordan
Shmeisani P.O. Box 5012
Amman 11181 Jordan
Attention: Eng. Rua ALSoub
e-mail: rua_alsoub@mwi.gov.jo

A complete set of bidding documents is available to the prequalified eligible bidders on the address above upon a payment of non-refundable fees of:

For one lot: JOD 500 (Five Hundred Jordanian Dinars)

For two lots: JOD 1100 (One Thousand One Hundred Jordanian Dinars)

For three lots: JOD 1700 (One Thousand Seven Hundred Jordanian Dinars)

The method of payment shall be cash.

A Pre-Bid meeting will not take Place. A site visit will be organized as follows:

- Date: Tuesday, September 17th, 2024
- Time: 10:00 AM (local time)
- Point of Assembly: Naur Municipality

Bids must be delivered to the address indicated in clause ITB 22.1 of the bidding documents on or before *12:00 noon local time, 30, October 2024*. Late bids will be rejected. Bids will be publicly opened in the presence of the bidders' designated representatives.

All bids must be accompanied by a Bid Security in the amount of:

- For one (1) lot: JOD (150,000) One Hundred Fifty Thousand Jordanian dinars.
- For two (2) lots: JOD (300,000) Three Hundred Thousand Jordanian dinars.
- For three (3) lots: JOD (450,000) Four Hundred Fifty Thousand Jordanian dinars.

Bids not accompanied by bid securities will be rejected as non-responsive.