



Publication Ref.: BMZ ID 2013 66 087 / EU-Ref ENPI/2013/331-912

Title: Wastewater Management Nablus East

Donor: Kreditanstalt für Wiederaufbau (KfW), Germany and the European Union (EU)

Employer: Nablus Municipality

KfW procurement number: 500245

Reference to Proc. Guidelines: "The Tender Process is subject to the „Guidelines for the Procurement of Goods, Works and Associated Services in Financial Cooperation with Partner Countries". See <https://www.kfw-entwicklungsbank.de/International-financing/KfW-Development-Bank/Publications-Videos/Publication-series/Guidelines-and-contracts/>

Scope: Bau von Kanalisationsnetzen / Abwassersammler sowie Neubau einer Abwasserbehandlungsanlage

Pre-qualification procedure for Tender T1 – WWTP Nablus-East and Nablus East Sewerage Network

Construction of Sewerage Networks/ Transmission Mains and Design-Build Construction Nablus East Wastewater Treatment Plant.

The general objective of the project is to implement wastewater collection, treatment and disposal systems in Nablus East including the surrounding villages. The scope of work is sub-divided into two construction lots and contains:

Lot I Transmission Mains / Sewerage Network (based on Employer's Design)

Currently the collected wastewater from Nablus East is discharged by several outlets into the Wadi Sajour. The aim of this construction lot is to abandon the existent sewage discharge points, and to transport the communal and industrial wastewater collected in the catchment areas Nablus East, Al Mazaken, Azmout, Deir Al Hatab, Salem and Beit Furik to the WWTP location. For this purpose, various transmission mains, main and secondary collectors, special manholes and compact pump stations shall be implemented. The final section of the MCS Main Collector South has to be constructed by micro tunnelling. In a nutshell, the planned investment sub-measures under Lot I comprise:

Connection Catchment Area Al Masaken

- ALM secondary sewerage system Al Masaken and NAC secondary sewerage system New Askar Camp ND 200 – ND 500, L = 1,165 m
- PS AL1, PS AL2 and PS AL3 compact pump station / pressure pipe
- PS NAC compact pump station / pressure pipe, connection Al Maali and New Askar Camp
- MCN Main Collector North ND 800, L = 2,950 m
(N.B.: the MCN is designed as main sewer to be laid in open trench excavation. Alternatively, the tenderer may propose to construct the deeper sections of the MCN by pipe jacking / micro tunnelling)

Connection Catchment Area Nablus-East / Rujeeb / Kafr Qalil

- SLH secondary sewerage system slaughterhouse ND 300- ND 400, L = 300 m
- ZOY secondary sewerage system ND 600 – ND 800, L = 100 m
- MCS1.0 and MCS 1.0-045 special manholes, central connection chambers south
- MCS Main Collector South ND 1250, L = 550 m (partially micro tunnelling)

Connection Industrial Area

- PS IND compact pump station / pressure pipe

Connection Catchment Areas Deir Al Hatab / Salem / Beit Furik

- EV Main Collector between manhole MM T1.0 and PS EV (Pumping Station Eastern Villages) ND 600, L = 35 m

Lot II Wastewater Treatment Plant Nablus East (plant and design-build according FIDIC Yellow Book)

The treatment plant Nablus East will be tendered as a functional design-build system. With regard to the process technology, an activated sludge plant for carbon and nitrogen removal shall be implemented. In the first implementation stage Nablus East WWTP will have a design capacity of 115,000 PE (design horizon 2030).

According to the tender outline design, the arrangement of Nablus WWTP comprises the following process units:

Wastewater Treatment Plant:

- Inlet Pumping Station PS EV to connect the eastern villages Azmout, Deir Al Hatab, Salem and Beit Furik. Pressure Pipeline OD 450, L = 750 m
- Primary Treatment (Septage Receiving Stations, Stormwater Overflow, Stone Trap, Coarse and Fine Screens, Grit Chamber, Primary Sedimentation Tanks)
- Secondary Treatment: (Aeration Tanks, Final Sedimentation Tanks, Return and Excess Sludge Pumping Station, Effluent Metering and Service Booster Station)
- Sludge Treatment: (PS Gravity Thickener, Biofilter, Mechanical Thickening Unit for Excess Sludge, Anaerobic Digester, Sludge Storage Tanks, Mechanical Sludge Dewatering, Sludge Storage Area)
- Gas Treatment: (Gas Holding Tank, Gas Treatment, CHP Units)
- Buildings: (Administration Building, Power Supply Building and Work Shops)

The tentative completion periods for the works under Lot II are:

- | | |
|---|-----------|
| ▪ Design Period: | 4 months |
| ▪ Construction period: | 24 months |
| ▪ Commissioning / Performance Testing prior to Taking Over: | 5 months |
| ▪ Defects liability period: | 24 months |
| ▪ Operational Assistance: | 24 months |

Prequalification Procedure:

The intention of the prequalification contest is to invite interested eligible International Main Contractors or International Joint Ventures (the so-called "Tenderer") in cooperation with Local Palestinian Sub-Contractors to submit their prequalification documents.

Only bidders with an average turnover of at least 30 million Euro per year (over the last 5 years) and with ≥ 2 satisfactory completed wastewater treatment plant Design-Build Contracts with contract costs > 10 Mio Euro (within the last 10 years) shall apply for these PQ documents.

The complete PQ documents in English language can be requested from the Employer.

The PQ documents will be available from 11.03.2020 to 25.03.2020.

PQ Submission Date is **14.04.2020**

Contact:

The complete pre-qualification documents for Tender 1 - Wastewater Treatment Plant Nablus-East and Nablus East Sewerage Network can be obtained from:

Nablus Municipality- Mayor of Nablus- P.O Box 2018- Faisal Street- Nablus - Palestine

c/o Mr. Suleiman Abu Ghosh (Senior Project Manager)

Tel.: (00972) 9 239 0000 ext. 1821

Fax.: (00972) 9 237 4690

Email: ssabugosh@nablus.org

Eng. Sameeh R. Tubaila
Mayor of Nablus

