

Tender No - T/245534/2023

Project Name: Engineering Design, Supply and commissioning of MBBR packed Wastewater Treatment Plants in wilayat Al-Suwaiq and Wilayat Al-Khaboorah in North Al Batina Governorate with capacities; 2,000m³/day & 2,000m³/day, with optional projects EPC or BOO or BOT

SUMMARY OF SCOPE FOR WORK:

1.1 Option 1. Engineering procurement and construction (EPC)

The contractor shall provide engineering design, procurement and construction for supply, installation and commissioning of MBBR package plant with capacity 2,000.00m³/day in Al Swaiq and 2,000.00m³/day in AL khaboura. The scope of work includes design, supply, execution of civil, mechanical electrical works as specified in this Tender Document.

1.1 Option 2. Build own and Operate (BOO)

The contractor shall Build own and operate of MBBR package plant with capacity 2,000.00m³/day in Al Swaiq and 2,000.00m³/day in AL Khaboura. The scope of work includes design, supply, execution of civil, mechanical electrical works as specified in this Tender Document. Operation optional 5 years or 10 years or 15 years as specified in this tender **BOO** bill of quantity.

1.2 Option 3. Build Operate and Transfer (BOT)

The contractor shall Build Operation and Transfer of MBBR package plant with capacity 2,000.00m³/day in Al Swaiq and 2,000.00m³/day in Al Khaboura. The scope of work includes design, supply, execution of civil, mechanical electrical works as specified in this Tender Document. Operation optional 5 years or 10 years or 15 years as specified in this tender BOT bill of quantity. The plants shall be transfer to the OWWSC after set period.

DESCRIPTION OF THE WORK for three optional projects EPC, BOO and BOT.

The work will be executed at Two locations: Al Khaboura and Al Swaiq. Packaged STP shall preferably be installed above ground. Generally, packaged plants can be of prefabricated MS with proper epoxy coating.

The Package STP shall comprise of Tanker discharge points, screening, Grit removal, equalization tank, odor control unit suitable sufficient streams of anoxic and biological aeration, settlement tanks Filter feed tanks dual media, pressure sand filtration, disinfection and TE storage facility tanks with all relevant electromechanical works and complete civil works as per OWWSC specification.