

Brief Scope of Work

Tender: T/2428429/2021

Design, Supply, Construction, Installation, Testing and Commissioning of Sewage Treatment Plant at AL Jazer with capacity 600m³/day.

1. **Overview:**

The Works Design, Supply, Construction, Installation, Testing and Commission of sewage treatment plant at AL Jazer with max. design capacity 600m³/day and all required Materials, Equipment and Works, necessary for putting the STP into operation using Reed Bed (option 1) or MBBR (option 2) technology.

The scope of work includes design and execution of civil, mechanical electrical and ICA works as specified in this Tender Documents.

The structure of this Scope of Work is bound to confirm that the Contractor shall adhere to the Haya Water policies, Health, Safety and Environmental commitments, and to ensure that the undertakings shall be safe and to carry out according to the specified standard quality.

The Contractor shall obtain all necessary permits, permissions and approvals related to the final engineering design and construction of the Works. The Contractor shall also be responsible for the renewal of permits which are required to be renewed by the relevant authorities.

Bidder is responsible for data collection required for the completion of the project.

The Contractor shall assign adequate staff to perform design and construction work. All will be subject to the Engineer's approval.

DETAILED SCOPE OF WORK:

Option-1: Reed Bed Sewage Treatment Plants.

1. This Scope of Work is for complete detailed Design, supply, construction, installation, testing and commissioning of new Reed Bed Sewage Treatment Plant at Wilayat AL Jazer of maximum design capacity 600m³/day. All shall be in accordance with Haya Water design manual, specification, standard details, procedure and requirements.

Option-2: Package Type Sewage Treatment Plants (MBBR Type)

1. Scope of Work

This Scope of Work is for complete detailed Design, Supply, Construction, Installation, Testing and Commissioning of Sewage Treatment Plant at AL Jazer with capacity 600m³/day.

Packaged STP (MBBR Type) shall preferably be installed above ground or can be below ground depending on the proposed design. Installation below ground shall need proper lighting and ventilation. Structural tanks shall be protected against surface water. Generally, packaged plant can be of prefabricated MS with proper epoxy coating and mostly below ground will be of RCC structure with required lining. All shall be in accordance with Haya Water design manual, specification, standard details, procedure and requirements.