



PHILIPPINE ECONOMIC ZONE AUTHORITY

PEZA BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BID BULLETIN No. 2022-02

PROJECT: Procurement of Design and Build of 300CMD Sewage Treatment Plant (STP) for Pampanga Economic Zone (PEZ) (PEZA-HO-2022-02)

This Supplemental Bid Bulletin No. 2022-02 is being issued to address queries/clarifications in the Bidding Documents sent thru email and raised by bidders during the pre-bid conference conducted on 02 March 2022.

Queries/Clarifications	Response/Resolution
1. CMD	<ul style="list-style-type: none">• 300CMD
2. Additional 45 days	<ul style="list-style-type: none">• After the issuance of the Notice to Award (NOA), the winning bidder will be given 45 days for the preparation/securing of permits and clearances including ECC
3. Delivery Period	<ul style="list-style-type: none">• 180 days – Construction and Turnover• Day 1 start upon issuance of NTP
4. Specifications/TOR: a) Secondary Treatment - Dynamic SBR System	<ul style="list-style-type: none">• TORa) For reference, the Dynamic SBR incorporates two (2) hydraulic cycle control features that allow you to operate the system in two (2) basic process modes: Nitrification and De-nitrification. The simple cycle provides half the cycle for aeration and treatment of the sewage and total of two (2) hours for settle and decant. The cycles are staggered so one (1) blower can provide air to a pair of basins while ensuring that only one (1) basin is aerated at any time. If nutrient removal is required, the cycle time is extended to provide time for anoxic periods to allow de-nitrification and Biochemical Oxygen Demand (BOD) removal. The continual feed provides BOD at all times to provide good de-nitrification rates at all points in the cycles and optimize nitrogen removal.

<p>b) Sludge Handling (Anaerobic digestion)</p> <p>c) Odor Control Process</p>	<p>This process requires the use of (1) SBR Air Motorized Valve, (2) SBR Turbo Air Blower, (3) SBR Waste Sludge Non-Clog Submersible Pump, (4) SBR Fine Bubble Diffusers, (5) Floating Decanter wi motorized valve, (6) Decanter Motorized Valve, (7) Decanter Air Solenoid Valve and (8) Dissolve Oxygen (DO) Meter. (Source DPWH Department Order No. 41 Series of 2018)</p> <p>As for the proposed use of Aquarator, this may be allowed provided that the specifications meet the minimum requirements set in the TOR.</p> <p>b) To clarify please see specifications in the TOR does not specify an anaerobic digester instead it indicates the use of an aerobic sludge digester (ASD) please refer to the caption below:</p> <ol style="list-style-type: none"> 1. Sludge Handling <ol style="list-style-type: none"> a. An aerobic sludge digester (ASD) tank shall be provided for the waste activated sludge (WAS) generated in the aeration tanks. This tank shall have air mixing and a minimum retention time of five (5) days under the full design capacity to stabilize the biomass. <p>c) Please refer to the below caption, the TOR does not specify a particular method of odor management, instead it specifies the minimum standard requirement for the management of odor.</p> <ol style="list-style-type: none"> b. The anticipated odor management will comply with government regulations. The facility will comply with ISO (international) and DIN (German) standards acceptable to even areas in close proximity to residential areas. Principles of odor management are. <ol style="list-style-type: none"> i. No odor is emitted from operations with natural ventilation; ii. Malodorous sewage is encapsulated in airtight operations; iii. Reliable equipment and back up are provided.
<p>5. Sub-Contracting</p>	<ul style="list-style-type: none"> • Sub-contracting is not allowed. Bidder may disclose JV provided both are compliant with the requirements of the law

6. Power Supply	<ul style="list-style-type: none">• TOR IX, No.3 Contractor shall be responsible for application and cost of both temporary and permanent connection for utilities.
7. Site Ocular Inspection	<ul style="list-style-type: none">• Required – to enable bidder to make the appropriate bid offer• Ocular inspection can be requested after purchase of the bidding documents• Coordinate with the BAC Secretariat for proper endorsement to the Zone Administrator

ALL REQUIREMENTS/SPECIFICATIONS PROVIDED IN THE BIDDING DOCUMENTS, NOT OTHERWISE REVISED OR AMENDED BY THE ABOVE, SHALL REMAIN IN FORCE AND IN EFFECT.

This BID Bulletin is issued this **07th day of March 2022** for the information and guidance of all concerned.


DDG TERESO O. PANGA
BAC Chairperson