Republic of the Philippines
ZAMBOANGA CITY WATER DISTRICT
Pilar Street, Zamboanga City

BAGONG PILIPINAS

ZCWD SBAC SSTP SUPPLEMENTAL BID BULLETIN NO. 2025-01

Subject: PR No. 25-0054 – Proposed Design, Build, Testing & Commissioning of 4,000 Cu. M. per Day Sewage & Septage Treatment Plant

This ZCWD SBAC SSTP SUPPLEMENTAL BID BULLETIN is issued to clarify, modify or amend items in the issued Bidding Documents for the above-subject procurement in view of the **Pre-Bid Conference** last March 27, 2025, at the Board Room,2nd Floor, ZCWD Bldg.,Pilar Street, Zamboanga City and via Zoom Video Conferencing.

This Supplemental is issued in line with Government Procurement Policy Board (GPPB) Circular 02-2018 (March 9, 2018), to "***minimize the occasions of bidders' disqualification due to non-compliance with bidding requirements***" particularly 4.2.2 which states, ***"The BAC shall likewise discuss the common reasons of bidders' disqualifications based on its experiences in previous procurement projects. Accordingly, the BAC shall present and explain the ways to prevent similar occasions of disqualification."***

Query	Answer
This query was raised during the Pre-bid conference regarding the request for an extension of the deadline for submission and opening bids.	**The BAC will adhere to the deadline for bid submissions as stated in the Invitation to Bid and outlined in the Philippine Bidding Document. The deadline is set for April 10, 2025, at 2 PM, as this is a priority project and time is crucial.**

Sections	Supplemental/Bid Bulletin from the previous bidding for integration with the approved Performance Specs (as approved thru Board Resolution No. 039 Series 2025)
3.4.5	The SSTP shall be capable of treating 15 cu.m./day of septage, and the Septage Treatment System of the SSTP project shall be tested to 15 cu.m./day only. However the proposed facility shall be able to allow the expansion of capacity to 30cu.m./day.
3.4.4	Two (2) sludge dewatering units shall be required for full operation. At least one (1) sludge dewatering unit, with sufficient capacity, is required in a complete system to perform the separation and the other unit is for standby/redundancy.
3.4.8	Dewatered sludge shall be discharged via enclosed discharge chutes into enclosed inclined screw conveyors. It shall be accurately discharged in a collector system that will convey directly to the hauling truck and shall be disposed of at ZCWD lot located at Lupong Road, Brgy. Cabatangan. Hence, no storage facility is required for dewatered sludge.
3.4.9	The STP must be provided with a facility for loading of dewatered sludge to 5 cu.m. bulk haul trucks. Only one (1) hopper is required for this project.
3.4.11	During testing, the Contractor shall first accumulate the wastewater to create a shock load of 4,000 cu.m./day to test the Plant to its maximum capacity.

2.2.1	Each presenting bidder will be given a maximum of two (2) hours for their oral presentation, 1 ½ hour of which will be allotted for the question and answer. The presence of the designer during the oral presentation is highly encouraged to be able to resolve any technical questions that may arise.
2.2.2	In order to achieve a more dynamic discussion, face-to-face presentation is highly encouraged but not required. Should the bidder opt for a face-to face presentation, please coordinate with the BAC Secretariat at email bac@zcwd.gov.ph. The bidder may opt to present their design via an online platform.
2.2.3	The presentation materials may include but are not limited to the following: company profile, design and specifications of the facility, construction approach and methods, facility features not specified in the Scope of Work, green and climate resiliency features of the facility design, and others that may enhance the merits of the technical proposals. Maps may be used if needed.
2.2.4	The presentation must focus on the process and the technology offered, particularly on the mass balance of the proposed treatment process and the structural and architectural layout. It should explain how the present system, with a capacity of 4,000 cu.m./day, will be expanded to 6,000 cu.m./day. The presentation shall be comprised the following: 1. Specify the range % of dry solid content in the sludge dewatering unit after dewatering; 2. Specify the sludge dewatering unit use; 3. Specify what are the flocculants aid use and consumption; 4. Specify the process involved per stage of treatment; 5. Provide the scheme/ process flow of the wastewater treatment process introduced; 6. Specify the raw wastewater data considered as influent in the initial design; 7. Specify the removal efficiency per stage of the process for Suspended solids, BOD5, Phosphorus, Nitrogen, Ammonia, and Coliform:
2.2.5	Bidders/presenters are requested to submit their presentation in PDF/PPT format to the BAC Secretariat at email bac@zcwd.gov.ph one (1) day before the scheduled oral presentation. The file must be password protected to ensure the integrity of the presentation and that the file may be opened only immediately before the time allotted for the bidder to present.
2.2.6	The presentation will use MS PowerPoint or PDF and should not exceed 30 minutes. An hour and a half (1 ½) will be allotted for questions and answers. The presenter-bidder is expected to provide the answers during this allotted time.
6.2.5	The variance in the OPEX costs will serve as the basis for the computation of the Non Performance Damages (NPD). The computation for Non-Performance Damages shall adopt the following factors; 25 years (useful life of SSTP), social discount rate of 10% based on the Investment Coordination Committee and annual inflation rate that is based on the Consumer Price Index issued by the Banko Sentral ng Pilipinas at the time the SSTP to be turned over to ZCWD.
12	The ZCWD provided the Wastewater Test Result as of March 2024 & May 2024 as a reference purpose only and it is the responsibility of the contractor to obtain updated/recent data specifically on the wastewater quality they will be using as basis of their design. See attachment.
2.1.9.1	GPPB Circular 04-2019 22 April 2019, Clarification on the acceptability of a Temporary PCAB License as a requirement in government procurement activities.

2.1.9.2	The submission of the Special PCAB license for JV bidders is required pursuant to Section 38 of R.A. 4566 and Section 3.5 of its associated IRR as part of the technical eligibility documents to be submitted, together with the bid proposal, on or before the deadline for submission and receipt of bids.
2.1.4	The bidder shall have a PCAB License size range of Medium B with License Category A as per PCAB Categorization - Classification Table of GB-2 (Sewerage or Sewage System), (PCAB Board Resolution No. 201, Series of 2017).
2.1.10	On the Eligibility Requirements for the Procurement of Goods and Infrastructure Projects of 2016 Revised IRR of R.A. 9184, Section 23, Class "B" Document, "For Infrastructure Projects, JV bidders shall submit a JVA in accordance with R.A. 4566 and its IRR". Each partner of the joint venture shall submit their respective PhilGEPS Certificates of Registration in accordance with Section 8.5.2 of this IRR. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: Provided, "That the partner responsible to submit the NFCC shall likewise submit the Statement of all of its ongoing contracts and Audited Financial Statements".
2.1	The statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid referred to under Sec. 23.1 v. of the IRR of the RA 9184, Annex "G", shall refer to **"Design and build of wastewater treatment facility."** In the Eligibility Criteria, the eligibility of design and build contractors shall be based on the legal, technical and financial requirements above mentioned. In the technical requirements, the design and build contractor (as solo or in joint venture/consortia) should be able to comply with the experience requirement under the IRR of R.A. 9184, where one of the parties (in a joint venture/consortia) should have at least one similar project, both in design and construction, with at least 50% of the cost of the ABC. Also, the requirements for SLCC are stated in the Invitation to Bid and Instruction to Bidders, and in this Performance Specifications.
2.1.8.4	Any errors, omissions, inconsistencies, inadequacies or failure submitted by the contractor that do not comply with the requirements shall be rectified, resubmitted and reviewed at the contractor's cost. If the Contractor wishes to modify any design or document which has been previously submitted, reviewed and approved, the contractor shall notify the procuring entity within a reasonable period of time and shall shoulder the cost of such changes.
2.1.8.5	As a rule, changes in design and construction requirements shall be limited only to those that have not been anticipated in the contract documents prior to contract signing and approval. The following guidelines shall govern approval for change or variation orders: i. Change Orders resulting from design errors, omissions or nonconformance with the performance specifications and parameters and the contract documents by the contractor shall be implemented by the contractor at no additional cost to the procuring entity. ii. Provided that the contractor suffers delay and/or incurs costs due to changes or errors in the procuring entity's performance specifications and parameters, he/she shall be entitled to either one of the following: a. an extension of time for any such delays under Section 10 of Annex "E"; or b. payment for such costs as specified in the contract documents, provided, that the cumulative amount of the variation order does not exceed ten percent (10%) of the original contract price.

6.1.3	The effluent quality discharged from the SSTP shall comply with the standards set by DENR Administrative Order (DAO) No. 2016-08, May 24, 2016 as amended by DAO 2021-19 for Class C Freshwater Body.

Parameters	Units	Effluent Limits
Ammonia as NH_3-N	Mg/l	4
BOD.	Mg/l	50
Nitrate as NO.-N	Mg/l	14
Phosphate	Mg/l	4
Surfactants	Mg/l	15
Oil and Grease	Mg/l	5
Fecal Coliforms	MPN/100 ml	400

Table 7 Significant Effluent Quality Parameters for Sewerage (Operation of Sewer Systems or Sewage Treatment Plant Facilities that Collect, Treat and Dispose of Sewage)

6.1.4	Notwithstanding the above requirements, this project will require the STP to produce better effluent quality such that the BOD5 shall be 30 mg/l, Fecal Coliform of 200 MPNB/100 ml and Total Coliforms shall be 3,000 MPN/ 100ml or better.
2.5.1	The preparation of the Bill of Quantities and Detailed Cost Estimates of the bidders shall follow the provisions of DPWH Department Order No. 197, Series of 2016.
6.2.4	The warranty period of the equipment installed in the SSTP shall be one (1) year after the acceptance by the Procuring Entity of the SSTP project.

	Special Conditions of Contract (part of Bidding Documents) Materials (Non-perishable) and equipment delivered on the site but not completely put in place shall be included for payment. The payment of materials-on-site shall be made in accordance with the following conditions which shall be partially adopted from the provisions of DPWH Department Order No. 12 Series of 1987 Re: Partial Payment of Materials-On-Site: 1. That the contractor should apply in writing for such partial payment using the standard request form as attached in DPWH DO 12 Series of 1987. 2. That the ZCWD Head of the Procuring Entity approves the above request following its review, inspection, valuation, and recommendation by the ZCWD Project Engineer concerned; 3. That partial payment to the contractor shall be up to a maximum of seventy percent (70%) of the invoiced cost of the materials or seventy percent (70%) of the cost of these materials as determined from the bid price of the work item to which they will be incorporated, whichever is lower. 4. That the quantities of these materials shall not exceed the requirements of the Project; 5. That the contractor shall remain principally responsible for the safekeeping of these materials and shall be solely responsible for any loss, damage, or injury to them for whatever cause; 6. That these materials shall pass the required quality test on construction materials; 7. The partial payment to the contractor shall be made by inclusion of the same in his/her regular progress billing by adding the authorized value of these materials as determined per item (3) above to the net amount of the regular billing; 8. That the partial payment given per item above shall be fully deducted from the contractor's next immediate monthly billing without prejudice to his/her submitting another request for payment upon submission/approval of another written request as described in item (1) above; and that subsequent payments and recoupments shall be as afore-described. Consistent with the Section 2.5.3 of the Performance Specifications, only materials for Civil Works delivered on site but not completely in place may be allowed for payment excluding the Mobile Treatment Facilities/Module, Electromechanical, Mechanical Works and SCADA that are integrated to the treatment process which shall not be billed unless the process performance requirements have been complied with. Any inconsistency with the Performance Specifications & Parameters with regards to the payment of materials delivered on site but not yet in place, the provisions stated herein shall prevail and not on the Performance Specification & Parameters.
GCC Clause 14	

Value Engineering	The **value engineering** analysis of design to be submitted during bid opening, as part of the Technical Proposal pursuant to Section 10.1 of Annex "G" of the IRR of RA 9184, shall contain an analysis of achieving the project objectives in order to delete or reduce non-essential features and lessen the life cost of the projects without sacrificing the quality and integrity of the structure, while maintaining its essential function, performance, and safety. The submitted **Value Engineering** shall contain discussions on the following but not limited to: 1. **Objective and scope of the Value Engineering Study** (i.e Specific components or phases of the WWTP project under analysis (e.g., treatment processes, structural design, piping layout). 2. **Design and Construction Method** (i.e: Description of the proposed design and construction approach, Cost estimates and timeline for baseline design, list of materials, equipment, and technologies proposed in the original design) 3. **Functional Analysis** (i.e. Identification of key functions of the WWTP (e.g., primary treatment, secondary treatment, sludge handling, disinfection), Analysis of how each design component contributes to these functions. 4. **Cost-Benefit Analysis** (Life cycle cost of the proposed design for 25 years including capital, operation, and maintenance costs and Initial investment). 5. **Risk Assessment** (Evaluation of potential risks associated with the proposed methods or designs, Impact on project schedule, quality, and performance. 6. **Environmental and Regulatory Compliance** (Assessment of compliance with environmental standards (e.g., DAO 2016-08 for effluent discharge), Consideration of sustainability and resource conservation.
2.3	2.3 Contract Implementation Requirement Upon issuance of Notice to Proceed and the final design of the SSTP, the winning bidder shall submit together with the detailed engineering requirements the following: 2.3.1.1. Projection of the Monthly Operating Expenses for the next twenty-five (25) years and the replacement cost for the next twenty-five years using the 10% discount rate over the life of the project for 25 years. 2.3.1.2. In relation to the Projected Monthly Operating Expense computed for the next 25 years, the following shall also be submitted as a functional guarantee.

b.1 Guaranteed Power Consumption

Power Usage	kW/m³ wastewater		kW/day	
	0- 1.99 MLD	2-4 MLD	0- 1.99 MLD	2-4 MLD
Base Power (not influenced by inlet flow)				
Main process (liquid stream)				
Sludge Treatment				

b.2 Guaranteed Chemical Consumption

Chemical Usage	L/m³ wastewater		L/day	
	0- 1.99 MLD	2-4 MLD	0-1.99 MLD	2-4 MLD
Main process (liquid stream)				
Sludge Treatment				

b.3 Guaranteed Sludge generation

Sludge generation	m³ sludge/m³ wastewater		m³ sludge/day	
	0- 1.99 MLD	2-4MLD	0- 1.99MLD	2-4 MLD
Sludge				

xxxxxx

2.3.1.6. Detailed Engineering Design (DED) Timeline (i.e Duration per specific task of DED);

2.3.1.7. Recent Influent sewage characteristic data and the testing result of the actual sample

Clarifications during the March 27, 2025 Prebid Conference:

SLCC	The statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid referred to under Sec. 23.1 v. of the IRR of the RA 9184 shall refer to "***Design and build of wastewater treatment facility***." Design and build of purely Septage Treatment Plant is acceptable for an SLCC requirement. Clarification: Rehabilitation, retrofitting, renovation of Wastewater Treatment Facility shall not be considered and shall be disqualified.
Project Duration & Abbreviation	The project duration shall be 610 Calendar Days (for the Design, Build, Testing & Commissioning Works) and 1- year proving period; "STP" and "SSTP" in the *Performance Specification & Parameters* shall mean the proposed Sewage & Septage Treatment Plant
Design Requirements	The facility may be constructed below or above the ground as along as the facility ensures a climate change resiliency based on a 20-year projection and met the design performance specifications and parameters.
Key Personnel	Key Personnel assigned in Design Phase may also be assigned in the Construction Phase
Financial Component Envelope	In addition to the documents required for infrastructure projects under Sec. 25.2 (b) of the IRR of RA 9184, the following documents shall also be included in accordance with 10.1 Annex "G", to wit: 1. Original of duly signed and accomplished Financial Bid Form; and 2. Lump sum bid prices which include the detailed engineering cost in the prescribed form (which shall be in **BOQ format,** see attachment); 3. Detailed estimate including a summary sheet indicating the unit prices of construction materials, labor rates and equipment rentals used in coming up with the bid (in **Detailed Unit Price Analysis** Format, see attachment); 4. Cash flow by the quarter and payment schedule
Project Implementation	After issuance of the Notice to Proceed (NTP) the winning contractor shall secure from the Local Government Unit (LGU)- Zamboanga City a Traffic Management Plan which shall be submitted to ZCWD after approval for record purposes.

These clarifications shall form an integral part of the Bidding Documents. All items, conditions and instruction to bidders specified in the Bidding Documents inconsistent with this Supplemental Bid Bulletin are hereby superseded and modified accordingly.

For guidance and information of all concerned.

ATTY. VINCENT F. FERNANDEZ
Chairperson
Bids and Awards Committee

Posting date: March 31, 2025
Posted in the Phil-GEPS, ZCWD Website & Bid Bulletin