



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


SUPPLEMENTAL/BID BULLETIN


Purchase Requisition No.	Description	Approved Budget Cost (ABC)
19-0136	Design, Build, Testing & Commissioning of the 4,000 cu.m. per day Sewage-Septage Treatment Plant (SSTP)	P 161,200,000.00

ADDENDUM NO. 2019-009


This Addendum is issued to clarify, modify or amend items in the Bid Documents in view of the Pre-Bid Conference last June 6, 2019. This shall form an integral part of the Bid Documents.

ITEM	QUERY/PARTICULAR	ANSWER/CLARIFICATION
1	If preliminary design will be provided	The conceptual design is stipulated in Item 2.4 of the performance specification and the design requirements is stipulated in Item 3 of the performance specification.
2	Additional Requirements not included in the performance specifications	Bidders also need to submit the Process and Instrumentation Diagram as well as the Mass Balance for every process to determine the efficiency of removal per sector. TO BE INSERTED IN SEC. 2.3 OTHER TECHNICAL BIDDING REQUIREMENTS OF THE PERFORMANCE SPECIFICATIONS AND PARAMETERS AS NO. 5)
3	2016 DENR Compliant	PERFORMANCE SPECIFICATION 2.3.4 the bidder should provide end-user certification or performance data stating that a similar sewage/wastewater treatment system being offered in the bid has been satisfactorily operating continuously; except during plant shut-down for maintenance purposes or due to force majeure where the operation has to be stopped to prevent damage. It must show the compliance of the effluent discharged to the DENR standards all throughout its operation excluding the testing period. Failure to comply with this requirement is a ground for technical disqualification. 6.1.3 AND 6.1.4. OF SUBSECTION 6.1 TREATMENT PLANT PERFORMANCE AND EFFLUENT REQUIREMENTS 6.13 the effluent quality discharged from the STP shall comply with the provisions of DENR Administrative Order No. 2016-08, May 24, 2016 Water Quality Guidelines and General Effluent Standards of 2016 for Class C freshwater body. (see table 7) 6.1.4 notwithstanding the above requirements, this project will require the STP to produce better effluent quality such that the bod5 should be 30 mg/l, cod should be 60 mg/l, fecal coliform of 200 mpnb/100 ml and total coliforms shall be 3,000 mpn/100 ml or better.

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4	With regard to 90 days testing and commissioning, if the other one (1) year operational is included by the cost of 161 million	<p>2.5.1 of Subsection 2.5 Preparation of Bill of Quantities, Detailed Estimates and Payment</p> <p>2.5.1 In the preparation of the Bill of Quantities and Detailed Cost Estimates, which shall be categorized into major components, the detailed resources for each scope of work should be provided therein, to wit:</p> <ol style="list-style-type: none"> 1) NON-ENGINEERING WORKS – this shall include but not limited to the Mobilization and Demobilization, fees and permits, Construction Safety and Health Program, Construction of Temporary Facilities. 2) DESIGN AND CONSTRUCTION – includes all civil works, electrical works, mechanical works, instrumentations and automations. 3) TESTING & COMMISSIONING 4) PROCESS PROVING
5	Influent Quality	<p>3.1 General Provisions of the performance specifications</p> <p>The Contractor shall be responsible for obtaining all necessary information as to risks, contingencies and other circumstances which may affect the works and shall prepare and submit all necessary documents specified by the procuring entity to meet all regulatory approvals as specified in the contract documents.</p>
6	Turnover of equipment and office supplies	<p>5.6.6 & 5.6.7 of the performance specifications stipulates the laboratory equipment/ tools for turn –over and other laboratory equipments needed to analyze completely the required parameters. These equipments/ tools form part of the pay item, thus this must be brand new and compliant with the standards provided in 5.6.7. These equipment maybe used during the testing, commissioning and process proving period provided that it will still be in its good working condition upon turn-over .</p>
7	Down Payment	<p>As required in RA 9184 not more than fifteen percent (15%) mobilization fee is allowed.</p>
8	Mass Balance	<p>PROPOSED ITEM 4. SUB SECTION 2.3</p> <p>4. Bidders also need to submit the process and instrumentation diagram as well as the mass balance for every process to determine the efficiency of removal per sector.</p> 

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9	If Quality effluent can be achieved without primary treatment	2.4.1 of the performance specification stipulates that "The treatment process must include the primary, secondary and tertiary treatment of the wastewater."
10	Invert elevation and distance of the possible source of STP and distance of STP to discharge	<p>3.1 General Provisions (Design Requirements)</p> <p>The Contractor shall be responsible for obtaining all necessary information as to risks, contingencies and other circumstances which may affect the works and shall prepare and submit all necessary documents specified by the procuring entity to meet all regulatory approvals as specified in the contract documents.</p>
11	Factor 10.83 in Non-Performance Damages	<p>6.2.5 (Under subsection 6.2 Process Performance Test and Guarantee)</p> <p>The variance in the OPEX costs will serve as the basis for the computation of the NPD. The Non-Performance Damages(NPD) shall be calculated as follows:</p> $\text{NPD} = [\text{Actual OPEX} - \text{Guaranteed OPEX}] \times 10.83$ <p>These OPEX values represent figures taken during the 1-year proving period. <u>The 10.83 is the computed factor which represents the cost of money over the life of the project – in this case a discount of 9% and over 25 years life of project.</u></p>
12	Site Inspection	<p>You can request for scheduled site inspection. ZCWD personnel will be with the prospective bidder during the site inspection. Although, the certificate of site inspection is no longer required.</p> <p>INSPECTION WAS UNDERTAKEN THE SAME DAY WITH THE ZCWD GEODETIC ENGINEER.</p> 

ITEM	QUERY/PARTICULAR	ANSWER/CLARIFICATION
13	Reference Project	<p>GPPB NPM 069-2007</p> <p>Details</p> <p>1. If the bidder subject for post-qualification has no installation yet in the Philippines and that its present installation is located outside of the country, is it mandatory to conduct the verification/inspection where the present installation is located?</p> <p>[T]he objective of post-qualification under Section 34 of R.A. 9184 is to determine whether the bidder complies with and is responsive to all the requirements and conditions for eligibility and the bidding of the contract, as specified in the bidding documents. During the post qualification, the procuring entity verifies, validates and ascertains all statements made and the documents submitted by the bidder with the lowest calculated bid or highest rated bid, as the case may be, using non-discretionary criteria, as stated in the bidding documents.</p> <p>These criteria shall consider the legal, technical and financial requirements, such as, but not limited to, the bidder's stated competence and experience, the availability and commitment, and/or inspection and testing of the equipment units to be owned or leased by the bidder, the performance of the bidder in its ongoing government and private contracts, the good/product, after-sales and/or maintenance capabilities for the procurement of goods.</p> <p><i>Based on the foregoing, the procuring entity must conduct such verification/inspection where the present installation is located, which may be outside of the Philippines, if the same is a requirement and condition of eligibility and the bidding for the contract, as specified in the bidding documents.</i></p>
14	Exposure Training	<p>5.1.7 Prior to acceptance, the winning bidder must be able to expose the end user on the sewage/wastewater system being offered on actual site in any or all of its completed facilities. Expenses for at least five (5) personnel will be to the cost of the contractor.</p> <p>5.7.3 Commissioning shall not be completed until all training has been provided to ZCWD's satisfaction.</p>
15	Experience in Design and Build	<p>Annex "G" 9.2 (ii) (a) of RIRR of RA 9184</p> <p>ii. Eligibility Criteria</p> <p>a) The eligibility of design and build contractors shall be based on the legal, technical and financial requirements abovementioned.</p> <p>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.</p>

ITEM	QUERY/PARTICULAR	ANSWER/CLARIFICATION
15	Experience in Design and Build	<p>GPPB NPM 081-2013</p> <p>...XXX...</p> <p>Details</p> <p>Whether the experience requirement of a bidder for a design and build project to be awarded consist of a single contractor or separate contracts, i.e., one (1) contract for design and another contract for construction.</p> <p>Section 9.2(ii)(a) of the Guidelines for the Procurement and Implementation of Contracts for Design and Build Infrastructure Project states that:</p> <p>The eligibility of design and build contractors shall be based on the legal, technical and financial requirements abovementioned. 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 RA 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 BAC. (Emphasis ours)</p> <p>A design and build project is an infrastructure project awarded as a single contract for architectural design and construction. As such, it involves two (2) components, i.e., a design component, (architectural/engineering aspect of the project, and a construction component (infrastructure aspect of the project), both of which are to be carried out by the winning bidder. Consequently, the bidders are required to have experience both in the architectural/engineering and construction aspects of the project.</p> <p>The phrase both in design and construction, as mentioned above, should be interpreted to mean that the bidder participating in a bidding for an infrastructure project that will be implemented through a design and build scheme is required to submit, as technical requirement, either at least one (1) similar contract for design and build that is at least fifty percent (50%) of the cost of the Approved Budget for the Contract (ABC) for the project; or at least one (1) contract for design and at least one (1) contract for construction, each of which should be at least fifty percent (50%) of the cost of the ABC.</p> <p>Thus, in the event that the bidder does not have a similar largest completed contract for design and build, it should submit at least one (1) similar contract for design, which should be at least fifty percent (50%) of the ABC for the project, and at least one (1) similar contract for construction, which should also be at least fifty percent (50%) of the ABC for the project.</p> <p>...XXX...</p> 

For guidance and information of all concerned.



MICHAEL ANGELO M. CARBON
Chairperson
Bids and Awards Committee

Posting date: July 5, 2019

Posted in the ZCWD Website, PhilGEPS & Bid Bulletin

Supplemental/Bid Bulletin for Purchase Requisition No. 19-0136 – Design, Build, Testing & Commissioning of 4,000 cu.m. per day Sewage-Septage Treatment Plant **Addendum No. 2019-009**
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