



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

SUPPLEMENTAL/BID BULLETIN
ADDENDUM NO. 01 - 24-0121
Series of 2024

This SUPPLEMENTAL BID BULLETIN is issued to clarify, modify, or amend items in the issued Bidding Documents for the below subject procurement in view of the Pre-Bid Conference last August 1, 2024, at the Board Room, 2nd Floor, ZCWD Bldg., Pilar Street, Zamboanga City and via Video Conferencing.

PR No.	Item Description	Issues/Amendments/Updates /Clarifications to the Bidding Documents
24-0121	Proposed Well Exploration, Testing and Development at Mercedes	<ol style="list-style-type: none"> 1. This is an infrastructure project; hence, advance payment, progress billing, imposing of liquidated damages, and suspension of work shall be in accordance with Annex "E" of the IRR of RA 9184. The basis for payment/progress billing shall only be the actual work accomplished in the bill of quantities. Unimplemented or unperformed items of work or quantity in the BOQ shall be subject to deduction. 2. The project duration/timeline shall be adjusted from 48 C.D. to 60 C.D. to give ample time for mobilizing the equipment and materials. <p>Although the project site is proven to have good water quality and yield due to the existing deep well constructed by the ZCWD, the Exploration & Testing Phase of this project shall have the water quality tests that passed the Physical, Chemical & Bacteriological Quality of the PNSDW 2017 to proceed with the Well Development Phase; otherwise, the Procuring Entity reserves the right to terminate the Well Development Phase depending on the magnitude of the adverse water quality results and cost to address the same to conform with the PNSDW 2017, subject further to deductive and only performed works shall be paid to the contractor. During well testing, every eight (8) hours, the Contractor shall get a water sample and have it tested at a DOH-accredited laboratory for water quality results at their expense. The result of the analysis shall be</p>

forwarded to the ZCWD. After the well development and prior commissioning and acceptance by ZCWD, the Contractor shall conduct Physical, Chemical, Bacteriological, and Radiological parameters tests per PNSDW 2017 standards at the Contractor's expense.

Further, the ZCWD's Procuring Entity reserves the right to stop the work based on the exploration and testing results, deduct the undelivered/unimplemented items of work, terminate the contract, and pay only the performed and delivered items of work.

Below are the phases based on the Bill of Quantities:

Well Exploration & Testing Phase:

- SPL-1 Mobilization/Demobilization;
- SPL-2 Construction Safety & Health Program;
- SPL-3 Construction of Project Billboards/Signages;
- SPL-4a Site Preparation, Construction of Temporary
- SPL-4b Drilling of Pilot Hole;
- SPL-4c Borehole Logging of Pilot Hole
- SPL-4d Reaming to 400mm Borehole
- SPL-4e Furnishing of 250mm Blank Casing
- SPL-4f Furnishing of 250mm Screen
- SPL-4g Furnishing/Fabrication of 250mm End Cap
- SPL-4h Installation of Blank Casing, Screen & End Cap
- SPL-4i Furnishing & installation of Casing Centralizers
- SPL-4j Furnishing & Installation of Gravel Packing at Annulus around casing & screens;
- SPL-4k De-flocculation of Drilling Mud with Polyphosphate Solution

Well Development Phase:

- SPL-4l Development by Water Jetting
- SPL-4m Development by Surging & Bailing
- SPL-4n Development by Airlifting
- SPL-4o Step Drawdown Pump Testing
- SPL-4p Well Testing (72 Hours Constant Rate Discharge Test)
- SPL-4q Cement Grouting of Annulus
- SPL-4r Well Disinfection and Cleaning
- SPL-4s Furnishing & Installation of 300mm Steel Pipe as Stick Up Pipe
- SPL-4t Supply, Installation, Testing & Commissioning of One (1) Unit 20HP Submersible Motor & Pump
- SPL-4u Well Completion, Furnishing & Installation of Gravel Fill Pipe 50mm w/ Screw Cap & Furnishing & Installation of Water Level 38mm Sounding Tube

3. Further, SPL—4b Pilot Drilling shall determine whether there is potential water. If a pilot hole does not contain potential water, all other remaining items of work in this project shall not be implemented, and only delivered and performed items of work shall be paid to the contractor.

4. The Contractor has a total depth of 77.40 meters to pilot drill under the item SPL-4b Drilling of Pilot Hole. However, during the drilling activity, the ZCWD Engineer shall monitor the potential water source through strata sampling and shall have the right to determine the well's final depth.

Also, this Addendum clarifies that the 15.27LPS, as mentioned in the Technical Specifications, shall not be a discharge or yield requirement for this project. The project discharge shall be determined by the items of work—well Testing and step Drawdown Pump Testing. All communications between the contractor and the ZCWD shall be in writing.

5. The contractor shall prepare the Final Well Design plan based on the result of the SPL-4c “Borehole Logging of Pilot Hole” conducted. The final well design plan shall be prepared by the Contractor’s Engineer & to be approved by ZCWD. The Final Well Design shall be approved before furnishing the material specified in SPL-4e & 4f - furnishing of 250mm Blank Casings & 250mm Screens.

6. All casings & screens shall be uPVC Pipe materials consistent with the Technical Specifications;

7. The contractor shall provide a 5Hp motor/pump rating with a genset/power supply to conduct the well testing.

8. The item SPL-4t includes the supply, installation, testing & commissioning of a 20HP Submersible Pump/Motor with complete accessories but not limited to the B.I. Pipe for the Rising Main Pipe and the power cable. The installation, testing & commissioning shall be subject to the well test & drawdown pump test result. If the well testing result requires a lesser pump/motor rating, a

variation order shall be executed pursuant to the updated revised IRR of RA 9184. Hence, the Submersible pump shall be supplied only after the well test & drawdown pump test.

9. The SPL-4t 20hp submersible pump with the following specifications shall only be installed after well development if the yield permitted as to be determined by the ZCWD engineer & it shall not be used in well testing.

20hp submersible pump specifications:

- 3" NPT Riser Pipe Connection
- Head 80m-89.9m
- Q (flow) = 35 - 37 cu.m./hr.
- Bowl, Impellers & Shafting all in stainless;
- Complete with cable guard,
- Suction strainer, Built-in check valve;
- 8 Stages w/ complete Stainless Steel Bolt w/ lock washer;
- 3,400-3500 rpm
- 3-Phase, 230VAC, 60Hz
- With Motor Controls

10. Item *SPL-4s Furnishing & Installation of 300mm Steel Pipe as Stick Up Pipe* would mean furnishing & installation of 300mm a Steel Spirally Welded Encasement with Cap with a length of not less than 1 m as shown in the detailed engineering plan.

11. The Contractor shall provide and maintain at least one temporary field office only at the project site dedicated to the Contractor's personnel and the ZCWD Field Engineer. The size of the temporary facility shall be at least as reflected in the detailed plan; however, the Contractor may opt to construct a larger facility without additional cost to the ZCWD. Further, the Contractor is not required to build another temporary field office for the ZCWD field engineer.

12. Permit and other documents required in this procurement:

- 12.1 Permit to drill from NWRB - The contractor shall process this permit once they have received the Notice to Proceed. Drilling activity shall not commence until the said permit is approved. Also, this shall be a

		requisite for the advance payment of 15%; 12.2 Other documents that may be required by existing laws and the Procuring Entity concerned in the bidding documents.
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This shall form an integral part of the Bid Documents.

For guidance and information of all concerned.


ATTY. VINCENT F. FERNANDEZ
Chairperson
Bids and Awards Committee

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Posted in the Phil-GEPS, ZCWD Website & Bid Bulletin