

**BIDS AND AWARDS COMMITTEE**  
**Supplemental Bid Bulletin No.36-2022**

**December 7, 2022**

**SUPPLY OF SERVICE FOR THE OPERATION & PREVENTIVE MAINTENANCE OF  
THE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION (MEPF)  
SYSTEMS OF THE AYUNTAMIENTO BUILDING, AND AIR HANDLING UNITS,  
COOLING TOWERS, AND POWER DISTRIBUTION SYSTEMS OF BTR OFFICES AT  
PALACIO DEL GOBERNADOR FOR FY 2023  
(ITB-14-2023-G EPA)**

This Supplemental Bid Bulletin No. 36-2022 is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Bid Documents.

REFERENCE	AMENDMENTS/CHANGES/ CLARIFICATIONS
Submission and receipt of Bids/ Date and time of Opening of Bids/Bid Data Sheet/Bid Form  December 14, 2022, 8:00 am (submission) December 13, 2022, 3:00 pm (opening)	Submission and receipt of Bids/ Date and time of Opening of Bids/Bid Data Sheet/Bid Form  <b>December 19, 2022, 8:00 am (submission)</b> <b>December 19, 2022, 3:00 pm (opening)</b>
Approved Budget for the Contract, Invitation to Bid, Section VII. Technical Specifications  APPROVED BUDGET FOR THE CONTRACT (ABC):  <del>TWELVE MILLION THREE HUNDRED NINETY THOUSAND PESOS ONLY (Php12,390,000.00)</del>	Approved Budget for the Contract, Invitation to Bid, Section VII. Technical Specification Section VII. Technical Specification <b>APPROVED BUDGET FOR THE CONTRACT (ABC):</b> <b>TWELVE MILLION TWO HUNDRED THIRTY-FIVE THOUSAND PESOS ONLY (Php 12,235,000.00)</b>
Page 41 Section VII. Technical Specification 1.5. Electrical System 1.5.1. Generator Set <u>Inclusion:</u> <del>Contractor must have MTU System Software and DSE System Software</del>	Page 41 Section VII. Technical Specification 1.5. Electrical System 1.5.1. Generator Set <u>Inclusion:</u> ▪ <b>The Contractor shall submit a Notarized Affidavit stating that they have accessibility to MTU System Software and DSE System Software</b>
Page 42 Section VII. Technical Specification 1.5. Electrical System 1.5.2. <u>Low Voltage Switchgear (LVSG), Synchronizing Panel, ATS, and ECB</u> <u>Inclusion:</u>	Page 42 Section VII. Technical Specification 1.5. Electrical System 1.5.2. <u>Low Voltage Switchgear (LVSG), Synchronizing Panel, ATS, and ECB</u> <u>Inclusion:</u>

<p><del>▪ Contractor must have a Certificate from the dealer or manufacturer that it is authorized to repair or perform maintenance work for subject equipment – EMERSON</del></p>	<p>▪ Contractor must have a Certificate from the dealer or manufacturer that it is authorized to perform technical services for subject equipment - <b>SCHNIEDER</b></p>
<p>Page 43 Section VII. Technical Specification 1.5. Electrical System 1.5.3. <u>Uninterrupted Power Supply</u> <u>Inclusion:</u> <del>▪ Contractor must have GE UPS System Software</del></p>	<p>Page 43 Section VII. Technical Specification 1.5. Electrical System 1.5.3. <u>Uninterrupted Power Supply</u> <u>Inclusion:</u> ▪ The Contractor shall submit a Notarized Affidavit stating that they have accessibility to GE UPS System Software</p>
<p>Page 48 Section VII. Technical Specification 2.4. Fourteen (14) Units Air Handling Unit (AHU) <u>Inclusion:</u></p>	<p>Page 43 Section VII. Technical Specification 2.4. Fourteen (14) Units Air Handling Unit (AHU) <u>Inclusion:</u> ▪ The Contractor shall submit a Certification that they have undertaken a training on the “<i>Implementation of the Montreal Protocol on Substances Depleting the Ozone Layer and Handling of Refrigerants</i>” from the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB) Philippine Ozone Desk</p>
<p>Page 48 Section VII. Technical Specification 2.5. Fourteen (14) Units Cooling Tower 2.5.1. Scope of Work 2.5.1.1. Weekly calibration of flow sensor and Variable Frequency Drive Controller including parameter adjustments and setting. 2.5.1.2. <del>Supply of chemicals to be used for chemical treatment</del> <del>30 pails of 5100 Protonate</del> <del>30 ails of 5200 Protonate</del> <del>30 ails of 5300 Protonate</del> 2.5.1.3. <del>Contractor shall submit dosing plan and schedule that includes concentration, frequency, and total chemical volume.</del></p>	<p>Page 48 Section VII. Technical Specification 2.5. Fourteen (14) Units Cooling Tower 2.5.1. Scope of Work 2.5.1.1. Weekly calibration of flow sensor and Variable Frequency Drive Controller including parameter adjustments and setting. 2.5.1.2. Monthly cleaning of tower fills and basin of each cooling tower using high pressure washer. 2.5.1.3. <b>Dismantle and clean wye strainer sprinkler system and sprinkler head once a month</b> 2.5.1.4. <b>Daily monitoring of vertical motor fan and hub performance</b></p>

<p>2.5.1.4. Monthly cleaning of tower fills and basin of each cooling tower using high pressure washer.</p> <p>2.5.1.5. <del>Monthly water analysis with monitored key control parameters, including pH level analysis, total dissolved solids analysis, alkalinity test, Cl and Silica analysis. A monthly report on water analysis shall be submitted as part of the billing.</del></p>	<p><b>2.5.1.5. Weekly monitoring, quarterly cleaning of circulating pump to prevent cavitation</b></p> <p><b>2.5.1.6. The contractor may assign as many personnel as possible to be led by a supervisor to ensure proper performance and accomplishment of works</b></p> <p><b>Note: The winning contractor shall coordinate with the PDG Building Administrator and the contractor of the water treatment of cooling tower during the implementation of the project</b></p>
<p>Page 51 Section VII. Technical Specification 3.0 CERTIFICATIONS REQUIREMENTS 3.1. Certificate of Dealership from: 3.1.1. DELTA Variable Frequency Drives 3.1.2. Tsurumi Pumps 3.1.3. Mitsubishi Electric 3.1.4. Carlyle/ Carrier Compressor 3.1.5. NOTIFIER 3.1.6. Schneider Electric <del>3.1.7. Emerson Electric</del> 3.1.8. Southern Cross Sovereign</p>	<p>Page 51 Section VII. Technical Specification 3.0. CERTIFICATIONS REQUIREMENTS 3.1. Certificate of Dealership from: 3.1.1. DELTA Variable Frequency Drives 3.1.2. Tsurumi Pumps 3.1.3. Mitsubishi Electric 3.1.4. Carlyle/ Carrier Compressor 3.1.5. NOTIFIER 3.1.6. Schneider Electric 3.1.7. Southern Cross Sovereign</p>

For guidance and information of all concerned.

**ATTY. GISELA F. LOOD (Sgd.)**

Deputy Treasurer of the Philippines and  
Chairperson, Bids and Awards Committee