



Republic of the Philippines
PROVINCE OF PAMPANGA
Provincial Capitol, City of San Fernando, Pampanga
BIDS AND AWARDS COMMITTEE



BID BULLETIN 2025-01

P.R. #25-0382- 1 lot Custom Made Mobile Clinic Barge

This Bid Bulletin No. 01 is issued to modify or amend items in Bid Documents. This shall form an integral part of the Bid Documents, to wit:

	Particulars
Technical Specifications	Please see attached Revised Technical Specifications
Special Conditions of Contract	Please see attached Revised Special Conditions of Contract

For your guidance and information of all concerned.

10 February 2025.

FRANCIS V. MASLOG
BAC-Chairman

Technical Specification
PR No. 25 - 0382
(REVISED)

Item No.	Quantity	Unit of Issue	Specification	Statement of Compliance*
1	1	lot	<p style="text-align: center;">CUSTOM MADE MOBILE CLINIC BARGE as Per Design Perspective (See attached Annex "A")</p> <ul style="list-style-type: none"> • Base Barge Specifications: At least 7.9m x 18m x 1.5m 10mm steel plates for bottom and side wall 6mm steel plates for divider 6mm non-skid steel plates for flooring 3mm x 3mm x 8mm Angular, 4mm x 4mm Ibeam GI Pipe (2") Schedule 40 for railing Sandblasted, powder coated, FRP lining, Epoxy Lining for rust protection and corrosion. * (See Annex "B" for attached drawing) Inclusive of: <ul style="list-style-type: none"> • Built-In Sewage Treatment System with Stainless Septic Tank Capacity - 10 - 20m³/hr a. Pumps Centrifugal Pump - Unrated water pump 2.0Hp Centrifugal Pump - Anoxic water pump 2.0Hp Centrifugal Pump - Disinfection water pump 2.0Hp Centrifugal Pump - Bag filter pump 2.0Hp Centrifugal Pump - Backwash water pump 2.0Hp Vertical Pump - Reverse osmosis water pump 5.0Hp b. Filtration System Complete set up filtration system from multimedia filter, fats oil and grease filter, bag filters to remove total suspended solids Multimedia Filter stage (500mm Ø x 870mm) Bag Filter (8" x 40") Reverse osmosis filter with membrane (8" x 40") c. Electrical System Complete installation of electrical system including PVC or EMT conduit and wiring for pump equipment, electric circuit breaker & control panel. d. Hydraulic Gauge & Meter Complete installation of pressure reading gauge and flow reading to maintain the proper pressure equipment and monitor the influent and effluent flow rate of waste water Pressure Gauge, Flow Meter (1") & Water Meter (1 1/2") e. Control Panel Complete set of control panel with inverter, VFD, timer and automatic and manual transfer switch with complete <u>wiring</u> inside for pump equipment, ozone generator & air pressure motor. f. Piping System Complete installation of piping system using PPR for influent and effluent flow of waste water, including PVC pipe sleeve, transfer pipe with clean out. g. Hanger & Supports Complete installation of of hangers and support using full treaded rod, loop hanger, brackets using angle bars, stainless bolts, solvent, epoxy primer, teflon and others. 	

Technical Specification

PR No. 25 - 0382

(REVISED)

Item No.	Quantity	Unit of Issue	Specification	Statement of Compliance*
			<p>h. Dosing Pump & Tank Complete installation of chemical dosing pump and tank for catalyst of waste water. Complete installation of chemical tank and base support support.</p> <p>i. Ultra Violet Lamp Complete set of ultra violet lamp to disinfect the effluent water prior for discharge.</p> <p>j. Stainless Tank at least 316L</p> <p>k. Ozone Generator (50g/hr) Complete set up of ozone generator with automatic timer to remove the contaminant, coliform,</p> <p>• Pre-Fabricated Container Total dimensions 6000mm x 1200mm x 2950mm including six (6) regular windows, two (2), regular doors, two (2) double swing glass door, PVC ceiling and fiber cement flooring, custom color canopy, external roofing, SPC flooring, painted steel angular aircon bracket and container connecting sealant.</p> <p>* (See Annex "C" for attached drawing) With two (2) rooms for X-ray & Ultrasound, three areas for Dental, Laboratory & Mess Hall: X-ray: with sandwich panel Lead sheet partition & sliding door Ultrasound: with sandwich panel partition Dental Area: with curtain partition & single stainless deep sink with faucet Laboratory: with curtain partition & single stainless deep sink with faucet Mess Hall: with sliding folding partition & single stainless deep sink with faucet.</p> <p>* (See Annex "D" for attached drawing) - With two (2) units of 1720mm x 1420mm x 2600mm toilet and bath including bowl, sink, shower and fiber glass flooring - Sandwich panel partition (50mm width) with steel door. - Acrylic signage as per perspective layout - Indoor electrical layout * (See Annex "E" for Attached Drawing - Electrical Plan) - Column - Zinc plated steel (160mm x 160mm x 2.5mm) - Top & Bottom Beam - Zinc plated steel (160mm x 160mm x 2.5mm) - Corner Joint -Zinc plated steel (160mm x 160mm x 4.5mm) - Floor & Ceiling Members - Tubular Sections (50mm x 50mm x 2.0mm) - Floor & Ceiling Members - Tubular Sections (50mm x 75mm x 2.0mm) - Floor & Ceiling Members - Tubular Sections (50mm x 100mm x 2.0mm) - Zinc plated folded sheets (170mm x 170mm x 1.5mm) (Steel Plating) - Wall Panels - Coloured steel styro sandwich panels (4' x 8' x 5cm) - Steel Door (950mm x 2000mm x 5cm) with lock - PVC Double-layered glass windows w/ PVC railings (925mm x 1200mm x 6mm) - Flooring - Fireproof fiberglass cement-mixed (4' x 8' x 1.8mm) - Roofing with Insulation - Weather proof galvanized iron sheets (50mm x 75mm x 0.426mm) - PVC Ceiling Panels (8' x 8' x 6mm) - PVC Ceiling Liston (1" x 1" x 8') - Stainless Curtain Railing</p>	

Technical Specification
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			<ul style="list-style-type: none"> • With Air-conditioning System <ul style="list-style-type: none"> - With 6 units 2.0HP Window Type Air-Conditioning Unit Inverter, 230V, Single phase, R410a Freon Cooling Seasonal Performance Factor: Atleast 2 * Brand of the air-conditioning unit must have been in the Philippine market for at least fifteen (15) years and must be of the latest model. - With 2 units 1.0HP Window Type Air-Conditioning Unit Inverter; 230V, Single phase, R410a Freon Cooling Seasonal Performance Factor: Atleast 2 * Brand of the air-conditioning unit must have been in the Philippine market for at least fifteen (15) years and must be of the latest model. • With Water Supply System <ul style="list-style-type: none"> - Installed Stainless Water Tank (Storage) at least 2000L with Booster Pump & Bladder Tank - Inclusive of pressure gauge, pressure switch, gate valves, check valves, ball float valve, piping & fittings. * Inclusive of: Installed 2 units 25kVA Silent Type Diesel Generator Capacity: At least 25kVA Prime power <ul style="list-style-type: none"> - Minimum fuel capacity for 8hrs continuous operation - 230V, Single Phase, 60Hz - Includes MDP, DB-ACU (with MTS), DB-LP (with MTS), wiring, PVC conduit, support or bracket and other accessories. * (See Annex "F" for attached Single Line Diagram) 1 unit Tugboat (at least 400Hp) Displacement: At least 16,000 cc Dimension: Approx. 9m x 3m x 1.5m Fuel Tank Capacity: Approx. 200L (Diesel Engine) Materials: Steel Plate Pulling Capacity: Approx. 40 to 60 tons 2 units Refurbished Service Bangka (at least 80Hp) Displacement: At least 2,600 cc Dimension: Approx. 14m x 1m x 0.76m Fuel Tank Capacity: Approx. 40L (Diesel Engine) Materials: Fiber Glass 15-20 seating capacity 	

SCHEDULE OF REQUIREMENT

(REVISED)

ITEM NO.	Item Description	Quantity	Delivery Date
	1 Lot CUSTOM MADE MOBILE CLINIC BARGE	1 lot (Please refer to Section VII. Technical Specifications for the quantity of items)	<i>Within 60 calendar days upon receipt of the Notice to Proceed (NTP)</i>

Additional Requirement/Condition:

1. The supplier shall complete the installation and provide all necessary equipment, hoisting tools, parts and labor including the roughing-ins such as conduits, clamps, supports, bolts, nuts and other materials required to achieve the performance and functionality of the customized Barge;
2. Any material or work that deemed to be necessary to make the Customized Barge functional is included in the package;
3. All electrical works shall be done in accordance with the latest edition of the Philippine Electrical Code;
4. Must have at least one (1) service facility in the Province of Pampanga with 24/7 on call technician for after sales service;
5. One (1) day training of maintenance personnel for the operation and basic maintenance of the generator and electrical panel testing and commissioning;
6. Secure Permit to Operate (PTO) from DENR in the name of the Provincial Government of Pampanga on Generator sets;
7. The prospective bidder shall submit detailed Technical Shop Drawings of the Customized Barge, Pre-fab Portable Container, Water Supply System & Sewage Treatment System signed and sealed by a duly licensed Professional Engineer and must submit structural analysis of the customize barge signed and sealed by a licensed Structural Engineer;
8. Printed document/material with the brand, model and specifications of the Genset and Aircon being offered must be attached together with the bid;
9. Factory Acceptance Test result/certificate from the manufacturer or load bank test of the generator;
10. Operation and Maintenance Manual (OMM) of the Generator Set – the Contractor must submit the OMM and other related documents to the procuring entity. One (1) day training of maintenance personnel for the operation and basic maintenance of the Genset, ACU, Water System, Sewage Treatment System, Tugboat and Bankas;
11. Manpower Requirements:
 - a. At least one (1) Professional Electrical Engineer (PEE)
 - b. At least one (1) TESDA Certified Electrician.
 - c. At least one (1) Structural Engineer/Civil Engineer
 - d. At least one (1) Mechanical/Sanitary Engineer



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BIDS AND AWARDS COMMITTEE



BID BULLETIN 2025-01

P.R. #23-5096- Supply and delivery of 1 set Global Navigation Satellite System: Real Time Kinetic (GNSS-RTK) Land Surveying Equipment

This Bid Bulletin No. 01 is issued to modify or amend items in Bid Documents. This shall form an integral part of the Bid Documents, to wit:

Particulars	
Technical Specifications	Please see attached Revised Technical Specifications
Special Conditions of Contract	Please see attached Revised Special Conditions of Contract

For your guidance and information of all concerned.

10 February 2025.

FRANCIS V. MASLOG
BAC-Chairman

Plus

Technical Specification
PR No. 23 - 5096
(REVISED)

Item No.	Quantity	Unit of Issue	Specification	Statement of Compliance*
1	1	set	<p style="text-align: center;">GLOBAL NAVIGATION SATELLITE SYSTEM: Real Time Kinetic (GNSS - RTK) Land Surveying Equipment with compatible Laptop and Printer</p> <p>Item Inclusions:</p> <ul style="list-style-type: none"> 2 pcs. - L1/L2 GNSS Receiver Single Kit with at least UHF 430 - 470 Mhz 2 pcs. - Battery Pack, Li-Ion, at least 2200mAh 2 pcs. - Dual Battery Charger with Power Supply 1 pc. - Handheld Data Collector (Octa-core, 64Bit Android, at least 6GB RAM, 64GB Flash, GPS) 1 pc. - Wall Charger Kit (includes regional plugs & USB-C to USB-C charge/sync cable) 1 pc. - Pole Clamp with Quick Release Socket 1 pc. - Device Bracket with Tapered Quick Release Pin 1 pc. - Rod - 2.0m Carbon Fiber Range Pole with Bipod 1 pc. - Tripod - Dual Clamp 1 pc. - Tribbranch - 3 pin with Optical Plummet 1 pc. - Adapter - Tribbranch to 5/8, with removable center <p>Performance Specifications</p> <p>A. Base and Rover Receivers</p> <ol style="list-style-type: none"> 1. RTK Base and Rover Operation (Interchangeable) 2. Position update range = up to 10Hz 3. Full utilization of signals from 6 GNSS Systems: GPS, GLONASS, Galileo, Beidou, QZSS and SBAS 4. HIGH PRECISION STATIC: <ul style="list-style-type: none"> a. Horizontal = (minimum of 3mm) + 0.1 ppm b. Vertical = (minimum of 3.5mm) + 0.4 ppm 5. POST-PROCESSED KINEMATIC (PPK) <ul style="list-style-type: none"> a. Horizontal = (minimum of 8mm) + 1 ppm b. Vertical = (minimum of 15 mm) + 1 ppm 6. REAL TIME KINEMATIC (RTK) POSITION <ul style="list-style-type: none"> a. Horizontal = (minimum of 8mm) + 1 ppm b. Vertical = (minimum of 15 mm) + 1 ppm 7. Support Satellite Correction Service 8. TEMPERATURE <ul style="list-style-type: none"> a. Operating = must operate from -40 °C to + 65 °C b. Storage = could operated from -40 °C to + 85 °C 9. IP Rating: IP67 10. Battery Life: 10 hrs (GNSS On, UHF Rx Off) and 8 hrs (GNSS On, UHF Rx On) 11. COMMUNICATIONS <ul style="list-style-type: none"> a. USB 2.0, USB OTG, RS-232 Serial Link, Bluetooth b. Data format: ATOM, CMR, CMR+ CMRx, RTCM 2.1, RTCM 3.0, RTCM 3.1, RTCM 3.2 c. Integrated UHF Kit: 410 - 470 MHz, 2W, TRx <p>B. Handheld Data Collector/GPS Controller with Field Software</p> <ol style="list-style-type: none"> 1. Environmental Specifications <ul style="list-style-type: none"> a. Operating Temperature = must operate from -20 °C to + 55 °C b. Humidity 30°C/60°C, 95 RH c. IP Rating: IP67 	

Technical Specification
PR No. 23 - 5096
(REVISED)

Item No.	Quantity	Unit of Issue	Specification	Statement of Compliance*
			<p>2. Electrical Specifications</p> <ul style="list-style-type: none"> a. Memory: minimum of 6GB RAM b. Storage: 64 GB Flash c. Battery Life: 9 hours of normal use with screen 100% d. Audio: Audio jack through USB-C, Bluetooth Audio e. Wireless: Bluetooth, WiFi <p>3. GNSS Satellites: GPS, GLONASS, Galileo, Beidou, QZSS, SBAS, L1 + L5</p> <p>4. Sensors: G-sensor (accelerometer), proximity + light sensor, e-compass, gyroscope</p> <p>5. Camera: Rear Camera 16MP autofocus with LED flash, front cam 5MP fixed focus</p> <p>6. Field Software:</p> <ul style="list-style-type: none"> a. Designed to support Topographic Surveys, Staking, Control b. Graphing Staking of Points, lines arcs and alignment from active maps <p>LAPTOP Specifications: Processor: at least 24M Cache, up to 4.80Ghz, up to 16 cores & 22 threads Memory (RAM): at least 32 GB Storage: at least 1TB SSD Graphics: at least 8 GB GDDR6 Display: at least 14" Operating System: at least Windows 11 Office: at least MS Office Home - compatible with GNSS- RTK data processing softwares.</p> <p>PRINTER Specifications: Print Method: Continuous Ink System Print Resolution: up to 1200 x 4800 dpi Scan Resolution: 600 x 1200 dpi Scanner Type: Flatbed Color Image Scanned Paper Size: A4, Letter, Legal, User Defined</p>	

*Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter, of the the equipment offered. Statement of "Comply" or "Not Comply" must be supported by evidence in a Bidder's Bid and cross-referenced to that evidence. Evidence shall be in the the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or Supplier liable for prosecution subject to the provisions of ITB Clause 3.1 (a) (ii) and/or GCC Clause 2.1 (a) (ii).

SCHEDULE OF REQUIREMENT

(REVISED)

ITEM NO.	Item Description	Quantity	Delivery Date
	Supply & Delivery of 1 set Global Navigation Satellite System: Real Time Kinetic (GNSS-RTK) Land Surveying Equipment	1 lot (Please refer to Section VII. Technical Specifications for the quantity of items)	<i>Delivery within 30 calendar days upon receipt of the Notice to Proceed (NTP)</i>

Additional Requirement/Condition:

1. Brand of the items being offered must be indicated in the bid and brochure or printed material/document of the items being offered must be attached in the bid;
2. With 16 hours (2 days) face to face ~~basic~~/advance training inclusive of meals (breakfast, Lunch & Snacks) for 15 individuals at a Hotel Venue within Pampanga; and
3. One (1) day actual field based demonstration.

I hereby certify/undertake to comply and deliver all the above requirements.

Name of Company/Bidder

Signature Over Printed Name of Representative

Date

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TECHNICAL SPECIFICATIONS
PR. No. 23 - 5096

Item no.	Quantity	Unit of Issue	Specifications	Statement of Compliance
1	1	set	<p>Global Navigation Satellite System - Real Time Kinematic (GNSS - RTK) Land Surveying Equipment with compatible Laptop and Printer</p> <p align="center">Specifications</p> <p>Item Inclusions</p> <ul style="list-style-type: none"> 2 pcs - L1/L2 GNSS Receiver Single Kit with at least UHF 430-470 Mhz 2 pcs - Battery Pack, Li-Ion, at least 2200mAh 2 pcs - Dual Battery Charger with Power Supply 1 pc - Handheld Data Collector (Octa-core, 64 bit, Android, at least 6GB RAM, 64GB Flash, GPS) 1 pc - Wall Charger Kit (includes regional plugs and USB-C to USB-C charge/sync cable) 1 pc - Pole Clamp with Quick Release Socket 1 pc - Device Bracket with Tapered Quick Release Pin 1 pc - Rod - 2.0m Carbon Fiber Range Pole with Bipod 1 pc - Tripod - Dual Clamp 1 pc - Tri-branch - 3 Pin with Optical Plummet 1 pc - Adapter - Tri-branch to 5/8, with Removable Center <p>Performance Specifications</p> <p>A. Base and Rover Receivers (Meets or Exceeds)</p> <ol style="list-style-type: none"> 1 RTK Base and Rover Operation (Interchangeable) 2 Position update rate range = Up to 10 Hz 3 Full utilization of signals from 6 GNSS Systems: GPS, GLONASS, Galileo, Beidou, QZSS and SBAS 4 HIGH PRECISION STATIC: <ol style="list-style-type: none"> a. Horizontal = (minimum of 3mm) + 0.1 ppm b. Vertical = (minimum of 3.5mm) + 0.4 ppm 5 POST-PROCESSED KINEMATIC (PPK) <ol style="list-style-type: none"> a. Horizontal = (minimum of 8mm) + 1 ppm b. Vertical = (minimum of 15 mm) +1 ppm 6 REAL TIME KINEMATIC (RTK) POSITION: <ol style="list-style-type: none"> a. Horizontal = (minimum of 8mm) + 1 ppm b. Vertical = (minimum of 15 mm) +1 ppm 7 Support Satellite Correction Service 8 TEMPERATURE <ol style="list-style-type: none"> a. Operating = must operate from -40 °C to + 65 °C b. Storage = could operate from -40 °C to + 85 °C 9 IP Rating: IP67 10 Battery Life: 10 hrs (GNSS On, UHF Rx Off) and 8 hrs (GNSS On, UHF Rx On) 11 COMMUNICATIONS <ol style="list-style-type: none"> a. USB 2.0, USB OTG, RS-232 Serial Link, Bluetooth b. Data Format: ATOM, CMR, CMR+, CMRx, RTCM 2.1, RTCM 3.0, c. Integrated UHF Kit: 410 - 470 MHz, 2W, TRx 	

B. Handheld Data Collector/GPS Controller with Field Software

- 1 Environmental specifications (Meets or exceed)
 - a. Operating temperature = must operate from -20 °C to +55 °C
 - b. Humidity 30°C/60°C, 95 RH
 - c. IP Rating: IP67
- 2 Electrical specifications (Meets or exceed).
 - a. Memory: minimum of 6 GB RAM
 - b. Storage: 64 GB Flash ✓
 - c. Battery life: 9 hours of normal use with screen 100% ✓
 - d. ✓
 - e. Audio: Audio jack through USB-C, Bluetooth audio ✓
 - f. Wireless: Bluetooth, Wi Fi ✓
- 3 GNSS Satellites: GPS, GLONASS, Galileo, Beidou, QZSS, SBAS, L1 + L5
- 4 Sensors: G-sensor (accelerometer), proximity+ light sensor, e-compass, gyroscope
- 5 Camera (meets or exceeds): Rear Camera 16MP autofocus with LED flash, front cam 5MP fixed focus
- 6 Field Software:
 - a. Designed to Support Topographic surveys, Staking, control ..
 - b. Graphical Staking of points, lines arcs and alignments from active maps

Laptop Specifications

- Processor: at least 24M Cache, up to 4.80 Ghz, up to 16 cores and 22 threads
- Memory (RAM): at least 32 GB
- Storage: at least 1 TB SSD
- Graphics: at least 8 GB GDDR6
- Display: at least 14"
- Operating System: at least Windows 11
- Office: at least MS Office Home
- compatible with GNSS- RTK data processing softwares.

Printer Specifications

- Print Method: Continuous Ink System
- Print Resolution: up to 1200 x 4800 dpi
- Scan Resolution: 600 x 1200 dpi
- Scanner Type: Flatbed colour image scanned
- Paper Size: A4, Letter, Legal, User Defined