

PACKAGE 32: OTHER EQUIPMENT

Total: 4,500,000.00

Purpose: Upgrading and equipping of selected health facilities chargeable against the Health Facilities Enhancement Program(HFEP)

#	Qty.	Unit	Item/ Description	Unit Cost	Total
1	1	unit	<p>Power Generating Set 10 KVA</p> <p>Capacity: 10 KVA; Voltage: 220 Volts Phase: Single Phase Frequency: 60 Hz General control panel: Display Analog or Digital Panel control with Voltmeter, Battery Voltmeter, Electric Start Engine: Gasoline Fuel tank: Fuel tank base mounted tank with a capacity of at least 2 hours operation full.</p> <p>General Requirements:</p> <p>Material and workmanship – All materials and parts of the electric generator set shall be brand new.</p> <p>Standard Requirements:</p> <ul style="list-style-type: none"> • Current and Valid Certificate of Manufacturer's compliance with ISO 13485 and/or CE Certificate or its equivalent <p>Standard Requirements:</p> <ul style="list-style-type: none"> • User's Manual in English Language; (a) Operations Manual 2 copies, atleast 1 original colored copy; (b) Service Manual 2 copies <p>Training requirements</p> <ul style="list-style-type: none"> • Training at least two (2) end-users <p>After Sales Service: Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period.</p> <p>Warranty Certificate: One (1) year Warranty Certificate for parts and two (2) years on the required service after delivery, inspection, testing, acceptance and after training of end user has been completed.</p> <ul style="list-style-type: none"> • Delivery: on site of the receiving facility within sixty (60) calendar days upon receipt of the Notice to Proceed (NTP). 	100,000.00	100,000.00
2	2	unit	<p>Power Generating Set 50 KVA</p> <p>Power Generating Set</p> <p>Capacity: 50 KVA; Voltage: 240 Volts; Phase: Single Phase; Frequency: 60 Hz General control panel; Display Analog or Digital Panel control with Voltmeter, Ammeter, Frequency meter, Starting (console) switch, Pilot lights and switches, Battery Voltmeter Engine: Diesel Engine; Four (4) stroke cycle compression ignition system; Water cooled Equipped with; Intake air filter, engine oil indicator gauge, cooler, fuel transfer pump, fuel priming pump and radiator, water pump Mounting: Unit shall mounted on a structural steel sub-base with suitable vibration isolators and base mounted fuel tank Engine Safety: Safety shut-off for engine high temperature</p>	600,000.00	1,200,000.00

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			Alternator: single bearing synchronous type brushless exciter, solid state regulator		
			Battery: Battery charging unit		
			Radiator: Tropical type radiator with integral fan		
			Fuel tank:Fuel tank (189 liters) base mounted tank with a capacity of 8 hours continuous operation		
			General Requirements: Material and workmanship – All materials and parts of the electric generator set shall be brand new.		
			Standard Requirements:		
			• Current and Valid Certificate of Manufacturer’s compliance with ISO and/or CE Certificate		
			• User’s Manual in English Language; (a) Operations Manual 2 copies, atleast 1 original colored copy; (b) Service Manual 2 copies		
			Training requirements		
			• Training at least two (2) end-users		
			After Sales Service: Bidder’s certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period.		
			Warranty Certificate		
			• Minimum of one (1) year on parts and two (2) years on service Warranty Certificate after delivery, inspection, testing, acceptance and after required training of end user has been completed.		
			• Delivery: on site of the receiving facility within sixty (60) calendar days upon receipt of the Notice to Proceed (NTP).		
3	1	unit	MODULAR WALK-IN CHILLER	3,200,000.00	3,200,000.00
			- 30 cubic meter; 2 units of condensing; 2 units of evaporator		
			- 1 unit temperature data logger; 2 units of racks/ shelves		
			- 1 unit Genset with ATS; 2 unit AVR		
			- inclusion: supply and installation		
			I. General Specifications		
			This scope of work shall be in single contract. To design and install the modular Walk-in Chiller Room and supply all labor, materials and equipment, controls and other necessary services. Must warrant all labor performed and materials installed at the above mention in accordance with the contract, drawings, specifications, alterations and additons thereto, for a period of (1) one year from date of installation/acceptance by the end-user.		
			• Dimension (internal):4000mm (L) x 3400mm (W) x 2300mm (H)/ or 30 CBM (LxWxH depends on the space available)		
			• Room temperature: 2°C to 8°C, display		
			• Ambient Temperature: +0° to 45°C		
			• Operating Voltage: 230V/60Hz		

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			• Insulation: Polyurethane (PU)		
			• Control Panel: Microprocessor, with LCD display, programmable		
			II. Technical Data		
			A. Refrigerator System -Split Type		
			• Condensing Unit: 2 units (1+1 alternating), auto-start in case of power outage, with AVR		
			• Evaporator: 2 units (1+1 alternating), 2 fans per unit		
			• Power Supply: 230V / 60Hz		
			• Refrigerant: CFC-free, (original R507/R404a/R410a)		
			• Controller: Digital on/off signal output with temperature sensor & controller - for temperature control of chiller room. Control of defrost, fans, alarm and light.		
			B. Enclosure		
			• Paneling Systems: color: Ivory White/ Off White		
			• Wall and Ceiling: 75mmthk Polyurethane PUR 40kgs/m ³ with camlock and corrugated skin 0.5mmthk PPGI white both sides with tongue and groove.		
			• Finished floor: <u>First layer</u> - Concrete flooring, minimum of 4-inch thickness, <u>Second layer</u> - Moisture barrier (to prevent air leaks and condensation), 75 mm thick Polyurethane PUR 40kgs/m ³ , <u>Final Topping</u> - concrete, 1-inch thickness with adhesive, top with Epoxy coating, coved sides/corners.		
			• Main Door - Swing door, 75mmthk polyurethane PUR 40kgs/m ³ , manually operated with complete accessories and with leak-proof gasket, door sweep PVC curtain 200mmWx3mmthk, plain and 100mm overlap. Door opening of (900mmWx200mmH).		
			C. Safety Features		
			• Biometric finger scan entry		
			• Safety release lock and key for the door		
			• Temperature Data Logger: Two K-Thermocouple Probes, Data lock, access protect, Audio/Visual alarms, fahrenheit or celsius		
			• Includes: One year (1) - 1 point National Institute of Standards and Technology (NIST) Traceable Calibration with available yearly calibration (pull-out of the unit is not allowed)		
			• Lighting: 2 units - 400 lux vapour LED light, auto-ON/OFF		
			D. Racks/Shelves		
			• 2 units Racks/Shelves - made of S/S 304, 3 layers shelf, stainless rectangular tube, 1.5 mm thick, mirror finish, Laser TIG weld, with smooth edges in all connections.		
			• Stand/Post: 50x50mm rectangular tube, S/S 304, 1.5mm thick 6 pcs per rack		

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			To submit drawing plan according to the dimension of the Chiller, taking into consideration the following:		
			• Dimension: (3800L) x 600mm (W) x 1800mm (H)/or Length depends on the dimension of the Chiller minus clearance of Evaporator and Servicing area.		
			• Distance between shelves: 50mm approx.		
			• Distance of lowest shelf from the floor: atleast 150mm		
			• Shelf flooring: 25x25mm square tube, S/S 304, 1.5 mm thick with approx. 25mm ± 1mm uniform distance in between, horizontal.		
			E. One (1) Unit Genset		
			Continuous running capacity in KVA to run the system during brown-out/electrical outage/automatic transfer switch(ATS)		
			F. Two (2) Units AVR		
			G. Other Requirements:		
			a. provision of wall enclosure, smooth finish, painted with PPGI roofing.		
			b. Provision of enclosed ante-room at least one (1.5) meter extended roof shed and one (1.5) meter concrete floor at the entrance door (preferably sliding door) as receiving/dispatch bay specifically for installation outside the existing building.		
			c. Supply of electrical tapping from Walk-in Chiller to MAIN PANEL of 10 meters.		
			d. To conduct in-house training of operation, maintenance and inspection of the equipment		
			e. To submit proof of training of company's technical person on refrigeration and/or other relevant training.		
			f. Three (3) copies of Operation and Service Manual of each equipment		
			g. Training for operation and maintenance (with Certificate)		
			h. One (1) year warranty on spare parts, troubleshooting and repair.		
			i. One (1) year preventive and corrective maintenance, inspection and clearing of all equipment every three (3) months.		

TOTAL APPROVED BUDGET FOR THE CONTRACT (OTHER EQUIPMENT) 4,500,000.00