



**PROCUREMENT AND SUPPLY
COMMONWEALTH HEALTHCARE CORPORATION
REQUEST FOR PROPOSAL (RFP)**

**PROCUREMENT OF UNINTERRUPTED POWER SUPPLY (UPS)
(Outright Purchase, Shipping, Delivery, Installation, Training, and Commissioning)
for CHC Hospital / Radiology Department**

RFP24-CHCC/ CAS-024

SUBMISSION DEADLINE: AUGUST 12th, 2024 TIME: 10:00AM (CHST)

INTERESTED PARTIES CAN DOWNLOAD THIS REQUEST FOR PROPOSAL FROM THE CHCC WEBSITE [WWW.CHCC.HEALTH]. ONCE AT THE SITE, NAVIGATE TO **REQUEST FOR PROPOSALS** TAB ON THE LEFT NAVIGATION BAR. CLICK ON THE URL FOR THIS RFP. YOU WILL BE REQUIRED TO ENTER DATA TO ALLOW US TO TRACK ALL REQUESTS FOR THIS OPPORTUNITY.

THE CHCC RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSAL AND TO WAIVE ANY IMPERFECTIONS IN ANY PROPOSAL, IF TO DO SO SHALL BE IN THE INTEREST OF THE CHCC. ALL PROPOSALS SHALL BECOME THE EXCLUSIVE PROPERTY OF THE COMMONWEALTH HEALTHCARE CORPORATION.

/S/ ESTHER L. MUNA
CHCC CHIEF EXECUTIVE OFFICER

/S/ CORA P. ADA
DIRECTOR OF PROCUREMENT & SUPPLY



Commonwealth Healthcare Corporation

Commonwealth of the Northern Mariana Islands

1178 Hinemlu' St. Garapan, Saipan, MP 96950



REQUEST FOR PROPOSAL

PROCUREMENT OF UNINTERRUPTED POWER SUPPLYS (UPS) (Outright Purchase, Shipping, Delivery, Installation, Training, and Commissioning) for CHC Hospital / Radiology Department

RFP24-CHCC/CAS-024

I. PURPOSE OF PROPOSAL:

The Commonwealth Healthcare Corporation (CHCC) Radiology Department, located in the Commonwealth of the Northern Mariana Islands is soliciting proposals to supply, install and installation of Uninterrupted Power Supply (UPS). This RFP package contains the necessary information and guidelines for interested vendors to develop and submit proposals.

II. BACKGROUND AND OVERVIEW OF CHCC:

The Commonwealth Healthcare Corporation (CHCC) oversees the Commonwealth Health Center (CHC) which is an 86 bed, Medicare certified hospital located on the island of Saipan, Commonwealth of the Northern Mariana Islands (CNMI). The two-level hospital opened in 1986. The hospital's scope of services includes an Emergency Department, Laboratory, Pharmacy, Radiology, Obstetrics, Neonatal Intensive Care Unit, ICU, Surgery, Pediatrics, Dialysis unit, Oncology Center, and various outpatient clinics.

III. LOCATION:

The property is located in Saipan at 1178 Hinemlu' St. Garapan.

IV. SCOPE OF WORK for Riello Master HP UL Uninterruptable Power Supply

CHCC determined that Riello Master HP UL guarantees total flexibility and safety and meets the most stringent standards and include products suitable for various power and safety needs.

- 1) Supply and ship 2 sets of 100 kVA Riello Master HP UL Uninterruptable Power Supply (UPS) and 2 sets of 125 kVA Riello Master HP UL Uninterruptable Power Supply (UPS).
- 2) Install and train staff on operation of Riello UPS
- 3) Test and Commission the Riello UPS

V. DETAILED SPECIFICATIONS:

SUPPLY, SHIPPING, INSTALLATION, TRAINING, TESTING AND COMMISSIONING:
(Please see detailed information – marked as **“Exhibit A”**)

**1). RIELLO Master HP UL Uninterruptable
Power Supply (UPS), MHT 100UL, 100kVA / 90kW QTY: 2 sets**

Each Set includes:

Valve-Regulated Lead Acid (VRLA) Batteries = 40 pcs
12 V / 100Ah
Battery Cabinet = 1 set
Battery (DC) Circuit Breaker = 1 unit
External Bypass Panel with 3 MCCB, in NEMA Panel = 1 set

**2). RIELLO Master HP UL Uninterruptable
Power Supply (UPS), MHT 125 UL, 125kVA / 112.5kW QTY: 2 sets**

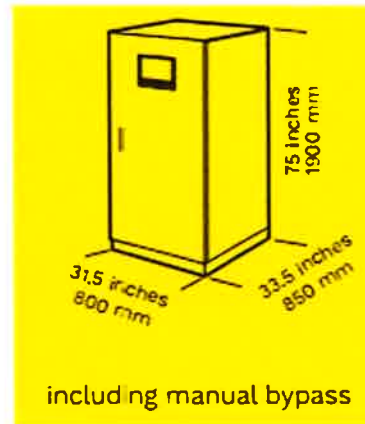
Each Set includes:

Valve-Regulated Lead Acid (VRLA) Batteries = 40 pcs.
12V / 120Ah
Battery Cabinet = 1 set
Battery (DC) Circuit Breaker = 1 unit
External Bypass Panel with 3 MCCB, in NEMA Panel = 1 set



DIMENSIONS

MHT 65 UL
MHT 80 UL
MHT 100 UL
MHT 125 UL



VI. INFORMATION AND FORMAT REQUIRED IN THE PROPOSAL

All proposals submitted by vendors must contain the following:

1. Brief history and description of the company (including the date the company was founded and date of operation in the CNMI if applicable)
2. Statement of company's capabilities and experience
3. Provide a minimum of three (3) references (arrange references from most recent project)
4. The name of authorized personnel to negotiate the bid and contract (should also be the contact person)
5. Provide a copy of a CNMI Business License (if applicable) and/or W-9 Form.
6. Proof of Insurance coverage for the contractor and property liability insurance of at least \$100,000.00.
7. Other information that may be helpful to the evaluator team.

VII. GENERAL AND ADMINISTRATIVE INFORMATION:

a. Posting of Proposal

Interested parties can download this Request for Proposal (RFP) from the CHCC Website [www.chcc.health]. Once at the site, navigate to the RFP tab on the left navigation bar. Click on the URL for this **RFP23-CHCC/CAS-024**. You will be required to enter the date to allow us to track all requests for this opportunity.

b. General Provision

Until the selection process is completed, the content of the bid will be held in strictest confidence and no details of any bid will be discussed outside the Evaluation Team created by the Corporation. This RFP does not constitute an offer and does not obligate the Corporation in any way. The Corporation reserves the right to reject any or all bids for any reason and waive any defect in said bids, negotiate with any qualified offers, or cancel in part or its entirety this RFP, if it is in the best interest of the Corporation.

CHCC will enter a contract with the successful vendor pursuant to the terms of the standard government independent contract. Additional terms and conditions will be attached as exhibits to the standard independent contract.

c. Place, Date, and Time of Submission

Proposers shall submit proposals and all supporting documents to **Corazon P. Ada, Director, CHCC Division of Procurement and Supply, at procurement@chcc.health no later than: 1000hrs (10am) Chamorro Standard Time on August 12th, 2024.**

Please note submission instructions:

- All submissions must include the **RFP24-CHCC/CAS-024** and Project Title in the email subject.
- All documents must be submitted in Adobe PDF Format.
- All pages of your proposal must include the RFP/ITB # and Project Title in the header, plus page number in the footer.

Proposers may opt to submit out (4) hard copies in addition to the original proposal (5 in total) to the CHCC Division of Procurement and Supply, CHCC Main Office, Saipan.

Failure to follow the instructions regarding the submission of RFP/ITB responses may result in the CHCC's choice to disqualify such proposals.

d. Cost of Preparation

All costs incurred by the vendor in preparing a response to this RFP and subsequent inquiries shall be borne by the vendor. All bids and accompanying documentation will become the property of CHCC and will not be returned. The Commonwealth Healthcare Corporation reserves the right to reject any or all bids for any reason and to waive any defects in said bid, if in its sole opinion, to do so would be in the best interest of CHCC.

e. Questions & Inquiries:

All questions or requests for clarification must be made in writing through email until close of business **August 7th, 2024.** No oral comment, response, answer, or direction from other CHCC Personnel is binding unless also furnished in writing to all prospective bidders.

All emails must contain the RFP # and Project Title in the email subject.

Email all inquiries to:

Jesse M. Tudela, EdD
Chief of Ancillary Services
Email: jesse.tudela@chcc.health
Tel: 670-234-8950 ext. 3101 Fax: 670-234-8930

Or

Cora P. Ada
Procurement Director
Email: Cora.ada@chcc.health
Tel. 670-234-8950 ext. 3561

VIII. EVALUATION CRITERIA

After the evaluation process, CHCC plans to make an award to the vendor whose proposal is most advantageous to the Corporation considering the evaluation factors set forth below:

a. Technical criteria

- i. 25% Qualifications and Experience in similar or related projects
- ii. 25% Technical approach to meet deliverables and meet timelines of the project.
Must be financially stable.
- iii. 25% Project Approach – demonstrate understanding and ability to meet the requirement.
- iii. 25% Cost Proposal


Total = 100%


b. Cost Criteria

Price is also a factor for consideration and price will be evaluated in comparison with the overall merit of the proposals. Technical merit is more important than price and the Corporation reserves the right to award the contract other than the lowest priced proposal. As proposals become more equal in technical merit, the importance of price will increase.

IX. SELECTION PROCESS

Proposals submitted will be evaluated and selection will be made based on the evaluation criteria mentioned in Section VIII. Upon selection, the successful Contractor will be advised to negotiate their fees with CHCC. Should the negotiation fail to result in an agreement, CHCC reserves the right to cancel the negotiation and select the next Contractor, which in CHCC's opinion, is the most qualified proposer and based upon the Evaluation Results. If the contract is not agreed to with any of the responsible Contractors, the RFP will be cancelled and re-advertised pursuant to §140-80.1-210 Competitive Sealed Proposals.

Approved By:  Date: 7/26/24
Esther L. Muna, PhD, FACHE, MHA
Chief Executive Officer

Approved By:  Date: 7/26/24
Cora Ada
Director of Procurement & Supply

riello ups



EMERGENCY



E-MEDICAL



INDUSTRY



DATACENTRE



TRANSPORT

Master HP UL



ONLINE



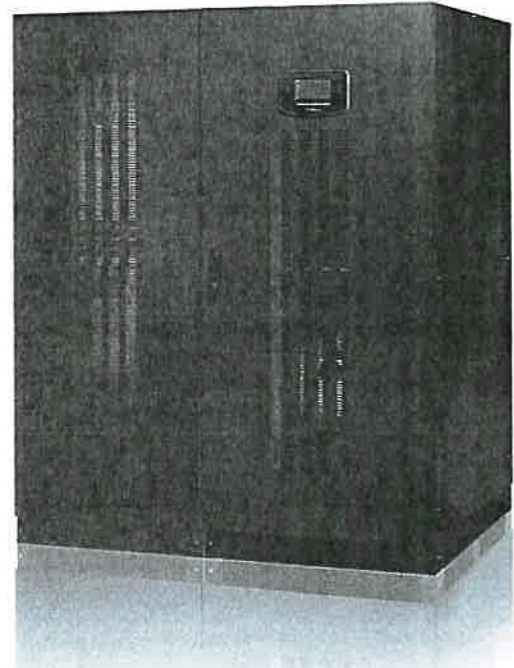
Tower



Service
1st start



SmartGrid
ready



3:3 65-500 kVA

HIGHLIGHTS

- **High efficiency**
- **IGBT-based rectifier technology**
- **Compact, reliable and robust**
- **Galvanic isolation**
- **High overload capacity**

The high levels of quality, reliability and energy savings offered by the Master HP range of UPS, has been extended to include a UL/CSA Listed, 480 V 60 Hz version with ratings from 65 kVA to 500 kVA. IT managers, facility managers, and CTCs are under increasing pressure to reduce downtime and assure that their critical loads are supplied with uninterrupted and high quality power. With this increasingly stringent requirement, Riello UPS has invested in power solutions that meet strict demands: a commitment resulting in the launch of the Master HP UL range. More than just an innovative and technologically-advanced UPS, it is a leap into the future of three-phase technology. With its double conversion ON LINE technology

based entirely on IGBT and digital signal processors (DSP), the Master HP UL range ensures maximum critical load protection, with VFI SS 111 classification (Voltage and Frequency Independent) in accordance with IEC EN 62040-3.

This range is designed using a new configuration that includes an IGBT sinusoidal input rectifier. Unique in its design, double conversion technology with galvanic isolated output guarantees a quality power supply that is completely protected from all electrical anomalies at the input.

COMPLETE GALVANIC SEPARATION

The Master HP UL UPS features an output isolation transformer on the inverter

as part of the inverter circuit inside the UPS cabinet, providing galvanic isolation between the load and the battery with improved versatility in system configuration, allowing:

- Complete UPS output galvanic isolation for critical infrastructures from the battery DC power source;
- Two truly separated supply inputs (utility and bypass), which can be taken from two different power sources (with different neutrals); this is particularly well suited for parallel systems in order to ensure selectivity between the two sources, improving the reliability of the entire installation;
- No neutral input connection is required at the UPS rectifier input stage; this method is particularly favorable in order to prevent the transmission of common neutral disturbances via the neutral conductor;
- No effects to the UPS output performance or reduced impact of the inverter power components while supplying specific loads; in addition the inverter transformer minimizes the impact of third harmonic disturbances, prevents the effects of energy back-feed into the inverter when supplying industrial load applications and can supply unbalanced loads;
- High inverter short circuit current to clear faults which occur between phase and neutral on load side (up to three times nominal current).

Output transformer housed within a cabinet which allows for a significant reduction in the footprint and provides space savings.

ZERO IMPACT SOURCE

The Master HP UL series features the added advantages of the Zero Impact Source formula offered by an IGBT-based rectifier assembly. This eliminates

problems connected with installation in networks with limited power capacity, where the UPS is supplied by a generator set or anywhere there are compatibility problems with loads that generate current harmonics. Master MHT UL series UPS have zero impact on the power supply source, whether it is a utility grid or generator set:

- Input current distortion <3%;
- Input power factor 0.99;
- Power walk-in function that ensures progressive rectifier start up;
- Start up delay function, to restart the rectifiers when mains power is restored if there are several UPS in the system.

This provides savings in installation costs via:

- A smaller electrical infrastructure;
- Smaller circuit protection devices;
- Less wiring.

FLEXIBILITY

Master HP UL is suitable for a wide range of applications including IT and the most demanding industrial environments and processes. With several operational configurations including ON LINE, ECO, SMART ACTIVE, STANDBY, Frequency Converter and Voltage Regulation. A broad range of accessories and options, complex configurations and system architectures can be achieved to guarantee maximum power availability and the option to add new UPS without interruption to site operations.

BATTERY CARE SYSTEM: MAXIMUM BATTERY CARE

Master HP UL series UPS include a range of features designed to prolong battery life and reduce usage by using different recharging methods: deep discharge protection, current limitation, and voltage compensation based on ambient temperature.

MAIN FEATURES

- Compact size: e.g.: only 2.330 square inches for the Master HP UL 500 kVA;
- Reduced weight for transformer based UPS;
- Double load protection, both electronic and galvanic, towards the battery.

The entire Master HP UL range is suitable for use in a wide range of applications. The Master HP can supply any type of load, e.g. servers, controls, lighting, capacitive, switch mode. Power supply reliability and availability are ensured for critical applications by distributed parallel configurations of up to 8 units, for redundant (N+1) or power parallel configurations.

ADVANCED SUPERVISION

The Master HP UPS has a front panel mounted graphic display providing UPS information, measurements, status updates and alarms in multiple languages, with waveform displays including voltage/current and providing a kWh reading that can be used to measure IT loads and calculate a Data Centre PUE (Power Usage Effectiveness) ratio.

OPTIONS

SOFTWARE

- PowerShield²
- PowerNetGuard

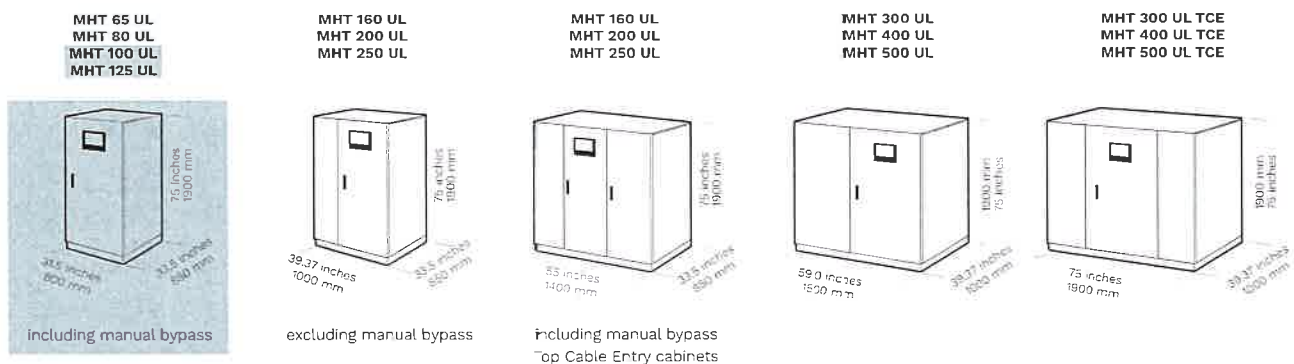
ACCESSORIES

- NETMAN 204 UL
- Multi I/O (Relay Alarm card and generator Interface)

PRODUCT ACCESSORIES

- Parallel configuration kit (Closed Loop)
- Fully configured battery systems with appropriate autonomy
- Maintenance Bypass Switchgear for all models
- Battery temperature sensor

DIMENSIONS



MODELS	MHT 65 UL	MHT 80 UL	MHT 100 UL	MHT 125 UL	MHT 160 UL
INPUT					
Rated voltage [V]	480 three-phase + N				
Frequency [Hz]	45 / 65				
Power factor	>0.99				
Harmonic current distortion	<3% THDi				
Soft start	0 - 100% in 12s (selectable)				
Frequency tolerance	±2% (selectable from ±1% to ±5% from front panel)				
Standard equipment provided	Back Feed protection; separable bypass line				
BATTERIES					
Type	VRLA, Wet Cell, NiCd				
Ripple current	Zero				
Recharge voltage compensation	-0.061% x V x °F, -0.11% x V x °C				
OUTPUT					
Nominal power [kVA]	65	80	100	125	160
Active power [kW]	58.5	72	90	112.5	144
Number of phases	3 + N				
Rated voltage [V]	480 three-phase + N				
Static stability	±1%				
Dynamic stability	from ±5% to ±1% in 20 msec.				
Voltage distortion	<1% with linear load / <3% with non-linear load				
Crest factor [Ipeak/Irms]	3:				
Frequency stability on battery	0.05%				
Frequency [Hz]	60				
Overload	110% for 60 min.; 125% for 10 min.; 150% for 1 min.				
INFO FOR INSTALLATION					
Weight [lbs/kg]	1500/680		1610/730		1851/840
Weight with TCE and maintenance bypass [lbs/kg]	-		-		2204/1000
Dimensions (WxDxH) [inches/mm]	31.5x33.5x75 / 800x850x1900				39x33.5x75 / 1000x850x1900
Dimensions with TCE and Maintenance bypass (WxDxH) [inches/mm]	-		-		55x33.5x75 / 1400x850x1900
Remote signals	dry contacts (configurable)				
Remote controls	ESD and bypass (configurable)				
Communications	Double RS232 + dry contacts - 2 slots for communications interface with SNMP, Modbus, and Bacnet Protocols				
Operating temperature	32 - 104 °F / 0 - 40 °C				
Relative humidity	<95% non-condensing				
Color	Black				
Noise level at 3.3 ft / 1 m (ECO Mode) [dBA]	65			68	
IP rating	IP20				
ECO Mode efficiency	up to 98.5%				
Standards	UL Standard 1778: 2 nd edition from 65 to 125 kVA, 5 th edition from 160 to 250 kVA; From 160 to 250 kVA: UL 60950-1 1: Information Technology Equipment - Safety - Part 1: General Requirements; National Electrical Code (NFPA-70); FCC Part 15 Subpart J class A - Radio Frequency; IEC 62040-3; UL 924 and OUST category - Emergency Lighting and power equipment				
Classification in accordance with IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111				
Transport	Pallet jack				

MODELS	MHT 200 UL	MHT 250 UL	MHT 300 UL	MHT 400 UL	MHT 500 UL
INPUT					
Rated voltage [V]	480 three-phase + N				
Frequency [Hz]	45 - 65				
Power factor	> 0.99				
Harmonic current distortion	<3% THDi				
Soft start	0 - 100% in 12E ¹ (selectable)				
Frequency tolerance	±2% (selectable from ±1% to ±5% from front panel)				
Standard equipment provided	Back Feed protection; separable bypass line				
BATTERIES					
Type	VRLA, Wet Cell, NiCd on Racks or Cabinet				
Ripple current	Zero				
Recharge voltage compensation	-0.061% x V x °F ; -0.11% x V x °C				
OUTPUT					
Nominal power [kVA]	200	250	300	400	500
Active power [kW]	180	225	300	400	450
Number of phases	3 + N				
Rated voltage [V]	480 three-phase + N				
Static stability	±1%				
Dynamic stability	from ±5% to ±1% in 20 msec.				
Voltage distortion	<1% with linear load / <3% with non-linear load				
Crest factor [I _{peak} /I _{rms}]	3:				
Frequency stability on battery	0.05%				
Frequency [Hz]	60				
Overload	110% for 60 min.; 125% for 10 min.; 150% for 1 min.				
INFO FOR INSTALLATION					
Weight [lbs/kg]	2138/970	2247/1110	4190/1900	4741/2150	4741/2150
Weight with TCE and maintenance bypass [lbs/kg]	2524/1145	2799/1270	4410/2000 ¹	4961/2250 ¹	4961/2250 ¹
Dimensions (WxDxH) [inches/mm]	39x33.5x75 / 1000x850x1900		59x39.5x75 / 1500x1000x1900		
Dimensions with TCE and manual bypass (WxDxH) [inches/mm]	55x33.5x75 / 1400x850x1900		75x39.5x75 / 1900x1000x1900 ¹		
Remote signals	dry contacts (configurable)				
Remote controls	ESD and bypass (configurable)				
Communications	Double RS232 + dry contacts + 2 slots for communications interface				
Operating temperature	32 ~ 104 °F / 0 ~ 40 °C				
Relative humidity	<95% non-condensing				
Color	Black				
Noise level at 3.3 ft / 1 m (ECO Mode) [dBA]	68		72		
IP rating	IP20				
ECO Mode efficiency	up to 98.5%				
Standards	UL Standard 1778: 5 th edition; UL 60950-1 1: Information Technology Equipment - Safety - Part 1: General Requirements; National Electrical Code (NFPA-70); FCC Part 15 Subpart J class A - Radio Frequency; IEC 62040-3; UL 924 and OUST category - Emergency Lighting and power equipment		UL Standard 1778: 5 th edition; National Electrical Code (NFPA-70); NEMA; CSA C22.2: ASME; FCC section 15 subsection J class A; IEC 62040-3;		
Classification in accordance with IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111				
Transport	Pallet rack				

¹ Maintenance Bypass Switch - on option.

The information in this document is subject to change without notice. Riello UPS assumes no responsibility for any errors that may appear in this document. DAT/1111/13/2019/REV



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