

**BIDS AND AWARDS COMMITTEE  
SUPPLEMENTAL BID BULLETIN NO. 2**

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF  
UNINTERRUPTIBLE POWER SUPPLY (UPS) AND PRECISION AIR-  
CONDITIONING UNIT (PACU) FOR THE INSURANCE COMMISSION  
(Reference No. 15-08-019)**

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This Supplemental Bid Bulletin No. 2 dated 08 September 2015 is being issued to clarify, modify, or amend items in the Bidding Documents.

The following Items in the Bidding Documents for the ***Supply, Delivery, Installation and Commissioning of Uninterruptible Power Supply (UPS) and Precision Air-Conditioning Unit (PACU) for the Insurance Commission*** dated 27 August 2015 are hereby revised/amended:

1. Amendment of Section I. Invitation to Bid item no. 5 is hereby amended as follows:

**From:**

5. IC will hold a **Pre-Bid Conference** on **03 September 2015, 10:30 P.M.** at the IC Executive Lounge, Insurance Commission, 1071 United Nations Avenue, Ermita, Manila, which shall be open only to all interested parties who have purchased the Bidding Documents.

**To:**

5. IC will hold a **Pre-Bid Conference** on **03 September 2015, 10:30 A.M.** at the IC Executive Lounge, Insurance Commission, 1071 United Nations Avenue, Ermita, Manila, which shall be open only to all interested parties who have purchased the Bidding Documents.

2. Amendment of Section III. Bid Data Sheet Clauses 5.2, 9.1 and 24.1 is hereby amended as follows:

**From:**

5.2	None of the circumstances mentioned in the <u>IB</u> clause exists in this Project. Foreign bidders, except those falling under ITB Clause 5.1(b), may not participate in this Project.
9.1	The Procuring Entity will hold a pre-bid conference for this Project

	on <b>03 September 2015, 10:30 A.M.</b> at the <b><u>IC Function Room, Insurance Commission, 1071 United Nations Avenue, Ermita, Manila.</u></b>
24.1	The place of bid opening is: Executive Lounge, Insurance Commission, 1071 United Nations Avenue, Manila. The date and time of <b>bid opening</b> is on <b>15 September 2015 at 11:30 <u>PM.</u></b>

**To:**

5.2	None of the circumstances mentioned in the <b><u>ITB</u></b> clause exists in this Project. Foreign bidders, except those falling under ITB Clause 5.1(b), may not participate in this Project.
9.1	The Procuring Entity will hold a pre-bid conference for this Project on <b>03 September 2015, 10:30 A.M.</b> at the <b><u>Executive Lounge, Insurance Commission, 1071 United Nations Avenue, Ermita, Manila.</u></b>
24.1	The place of bid opening is: <b><u>IC Function Room,</u></b> Insurance Commission, 1071 United Nations Avenue, Manila. The date and time of <b>bid opening</b> is on <b>15 September 2015 at 11:30 <u>AM.</u></b>

3. Amendment of GCC Clause 6.2 of Section V. Special Conditions of Contract under Delivery and Documents is hereby amended as follows:

**From:**

6.2	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>For Goods Supplied from Abroad, state “The delivery terms applicable to the Contract are DDP delivered at 5th Floor Bankmer Building, 6756 Ayala Avenue, Makati. In accordance with INCOTERMS.”</p>
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**To:**

6.2	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><b><u>For Goods Supplied from Abroad, state “The delivery terms applicable to the Contract are DDP delivered at 1071 United Nations Avenue, Ermita, Manila. In accordance with INCOTERMS.”</u></b></p>
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4. Amendment of Section VI. Schedule of Requirements item no. 1 under **Delivered Weeks/Months** and IC Form No. 9 – Conformity with Section VI. (Schedule of Requirements) are hereby amended as follows:

**From:**

Supply and Delivery must be forty-five (45) days from receipt of Notice to Proceed (NTP) and installation and commissioning must be fifteen (15) days from delivery of the goods

**To:**

**Supply, delivery, installation and commissioning must be ninety (90) days from receipt of Notice to Proceed (NTP)**

5. Amendment of Section VI. Schedule of Requirements and IC Form No. 9 – Conformity with Section VI. (Schedule of Requirements) item no. 2 are hereby amended as follows:

**From:**

- a. Payment shall be made within thirty (30) days from acceptance of the items by the Insurance Commission, subject to submission of complete supporting documents.

**To:**

- a. **Terms of payment : Minimum of One Hundred Twenty (120) days after IC’s acceptance and inspection.**

6. Amendment of Section VII. Technical Specifications and IC Form No. 9 – Conformity with Section VII (Technical Specifications) under Description, item nos. 1.i of General, 1.a & b of Design Requirements, 2.a & e.i & ii of System Characteristics and 1.a of Accessories and Other Requirements are hereby amended as follows:

**From:**

<b>IC TECHNICAL SPECIFICATION</b>			
<b>UNINTERRUPTIBLE POWER SUPPLY (UPS)</b>			
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>U/M</b>
1	<b>2 x 32kVA/32kW, with 1x 32kVA/32kW FOR REDUNDANCY, UNINTERRUPTIBLE POWER SUPPLY (UPS)</b>	1	lot
	<b>I. General</b>		
	<b>1. General</b>		
	<p>i. This specification describes the operation and functionality of a continuous duty, three-phase, solid-state, static Uninterruptible Power System (UPS) hereafter referred to as the UPS. The UPS shall utilize rack-mounted redundant, scalable array architecture. The system power train shall be comprised of hot swappable/user replaceable 32kVA/32 kW power modules. Each 32kVA/32kW power module contains a full rated input rectifier/boost converter, full rated output inverter, and battery charging circuit. The system shall also comprise of a user-replaceable continuous duty hot swappable bypass static switch module, hot swappable/user replaceable battery modules, redundant control modules, redundant logic power supplies, and LCD interface display.</p>		
	<b>II. Products</b>		
	<b>1. Design Requirements</b>		
	a. The UPS shall be sized for 2 x 32kVA/32kW load with 1 32kVA/32kW for redundancy or n+1 configuration.		
	b. The UPS battery shall be sized for 20kVA at a Power Factor of 0.9 for 30 minutes		
	<b>2. System Characteristics</b>		

	a. System Capacity: 48kVA/48kW – three (3) power modules 32kVA/32kW for no fault tolerance.		
	e. Output:		
	i. Output of the UPS should have an option of a Modular Power Distribution Unit that shall be contained contained within the UPS frame. The PDU shall have sufficient number of pole positions available for the installation of modular output distribution breakers. Single or three pole 16A or 32A circuit breakers will provide the feeds to the server racks. The PDU shall have branch circuit monitoring that links to the management system interface.		
	ii. AC Output Nominal Output: 230V, 400V 3PH		
	IV. Accessories and Other Requirements		
	1. Power Cord Kit:	QTY	U/M
	a. C13 to C14, 10A, min. of 1.8 m and max. of 2.0 m (length)	20	pcs

**To:**

IC TECHNICAL SPECIFICATION			
UNINTERRUPTIBLE POWER SUPPLY (UPS)			
ITEM NO.	DESCRIPTION	QTY	U/M
1	<b><u>2 x 16kVA/16kW, with 1x 16kVA/16kW FOR REDUNDANCY, UNINTERRUPTIBLE POWER SUPPLY (UPS)</u></b>	1	lot
	<b>I. General</b>		
	<b>1. General</b>		
	i. This specification describes the operation and functionality of a continuous duty, three-phase, solid-state, static Uninterruptible Power System (UPS) hereafter referred to as the UPS. The UPS shall utilize rack-mounted redundant, scalable array architecture. <b><u>The system power train shall be comprised of hot swappable/user replaceable 16kVA/16kW power modules. Each 16kVA/16kW power module</u></b>		

	<b><u>contains a full rated input rectifier/boost converter,</u></b> full rated output inverter, and battery charging circuit. The system shall also comprise of a user-replaceable continuous duty hot swappable bypass static switch module, hot swappable/user replaceable battery modules, redundant control modules, redundant logic power supplies, and LCD interface display.		
	II. Products		
	1. Design Requirements		
	a. The UPS shall be sized for <b><u>2 x 16kVA/16kW load with 1 16kVA/16kW</u></b> for redundancy or n+1 configuration.		
	b. The UPS battery shall be sized for 20kVA at a Power Factor of <b><u>1.0 for 15 minutes</u></b>		
	2. System Characteristics		
	a. System Capacity: 48kVA/48kW – <b><u>can be configured with up to three (3) power modules 16kVA/16kW</u></b> for no fault tolerance.		
	e. Output:		
	i. Output of the UPS should have an option of a Modular Power Distribution Unit that shall be <b><u>contained</u></b> within the UPS frame. The PDU shall have sufficient number of pole positions available for the installation of modular output distribution breakers. Single or three pole <b><u>16A</u></b> circuit breakers will provide the feeds to the server racks. The PDU shall have branch circuit monitoring that links to the management system interface.		
	ii. AC Output Nominal <b>Voltage</b> : 230V, 400V 3PH		
	IV. Accessories and Other Requirements		
	1. Power Cord Kit:	<b>QTY</b>	<b>U/M</b>
	a. C13 to C14, 10A, min. of 1.8 m and max. of <b><u>2.5 m</u></b> (length)	20	pcs

7. Amendment of Section VII. Technical Specifications and IC Form No. 9 – Conformity with Schedule VII (Technical Specifications) under Scope of Work, item no. 6.a.vi. of Documentation are hereby amended as follows:

**From:**

6	<b>DOCUMENTATION</b>
	vi. as-built documentation for UPS and PACU.

**To:**

6	<b>DOCUMENTATION</b>
	vi. as-built documentation for UPS and PACU <b><u>must be signed by PEE and PME</u></b>

8. Amendment of Section VII. Technical Specifications and IC Form 9 – Conformity with Schedule VII (Technical Specifications) - Precision Air-Conditioning Unit (PACU) are hereby amended as follows:

**From:**

<b>PRECISION AIR-CONDITIONING UNIT (PACU)</b>			
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>U/M</b>
1	<b>Provide materials, labor and equipment and services necessary to supply, install, and commission Upflow Cooling system for data center with the following specifications:</b>	1	set
	<b>I. Minimum cooling capacity of 5.0TR includes</b>		
	a. Fun Type		EC Backward-curved centrifugal motor fan
	b. Power Supply		400V/3 Phase/50Hz
	c. Fans		Two (2)
	d. Airflow		4500 m3/h
	e. Gross Total Cooling Capacity		(1) – 16kW (2) - 9 kW
	f. Dimension		
	i. Height		1740 mm
	ii. Length		1200 mm

	iii. Depth	450 mm
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To:

PRECISION AIR-CONDITIONING UNIT (PACU)			
ITEM NO.	DESCRIPTION	QTY	U/M
1	Provide materials, labor and equipment and services necessary to supply, install, and commission Upflow Cooling system for data center with the following specifications:	1	set
	I. Minimum cooling capacity of 5.0TR includes		
	a. Fun Type	EC Backward-curved centrifugal motor fan	
	b. Power Supply	<b><u>230V/3 Phase/60Hz</u></b>	
	<b>c. <u>No. of Fans</u></b>	Two (2)	
	d. Airflow	4500 m3/h	
	e. Gross Total Cooling Capacity	(1) – 16kW (2) - 9 kW	
	<b>f. <u>Refrigerant Type</u></b>	<b><u>R410A</u></b>	
	<b>g. <u>Dimension</u></b>		
	<b><u>Airconditioning Unit</u></b>		
	<b>i. <u>Height</u></b>	<b><u>1740 mm</u></b>	
	<b>ii. <u>Length</u></b>	<b><u>1200 mm</u></b>	
	<b>iii. <u>Depth</u></b>	<b><u>450 mm</u></b>	
	<b><u>Condenser (without legs)</u></b>		
	<b>i. <u>Height</u></b>	<b><u>720 mm</u></b>	
	<b>ii. <u>Length</u></b>	<b><u>1277 mm</u></b>	
	<b>iii. <u>Depth</u></b>	<b><u>520 mm</u></b>	



This Supplemental Bid Bulletin No. 2 shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For the information and guidance of all concerned.

Issued this **08 of September 2015** in the City of Manila.

(Sgd.) **EDWIN CORNELIUS A. LAUZ**  
Vice Chairman  
Bids and Awards Committee

Supplemental Bid Bulletin No. 2 for the ***Supply, Delivery, Installation and Commissioning of Uninterruptible Power Supply (UPS) and Precision Air-Conditioning Unit (PACU) for the Insurance Commission (Project Reference No. 15-08-019)*** dated 08 September 2015 consisting of nine (9) pages.

Received by:

Name of the Bidder/Company: \_\_\_\_\_

Name of Authorized Representative/s: \_\_\_\_\_

Signature/s: \_\_\_\_\_

Date: \_\_\_\_\_