

### **National Power Corporation**

#### SUPPLEMENTAL/BID BULLETIN NO. 2

#### to the Bid Documents for the:

#### SUPPLY, DELIVERY, INSTALLATION, CONFIGURATION AND TESTING OF SECURE ENTERPRISE WIRELESS NETWORK UNDER PR NO. HO-IST22-008/ REF. NO. PB220718-NA00269

#### 10 NOVEMBER 2022

All prospective bidders and authorized copy holders of the Bid Documents of the above mentioned project are hereby advised of the revisions on the provisions in the Bid Documents, to wit:

#### A. SCHEDULE OF BID SUBMISSION/OPENING

FROM	TO
Postponed until further notice.	21 NOVEMBER 2022
(Supplemental/Bid Bulletin No. 1 dated 15	<u>09:30 A.M.</u>
July 2022.)	Kanao Room

## **B. SECTION VI – TECHNICAL SPECIFICATIONS CLAUSE TS-8.0 GUARANTEE**

FROM	ТО
repair, and/or replacement within Sixty (60) Calendar Days, of the supplied wireless network equipment and accessories at his own expense against defects in design, workmanship, and	The Bidder shall guarantee to complete the repair, and/or replacement within Sixty (60) Calendar Days, of the supplied wireless network equipment and accessories at his own expense against defects in design, workmanship, and materials for <u>Three (3)</u> years after acceptance by NPC.

# C. SECTION VI – TECHNICAL SPECIFICATIONS PART I CLASUE TS-5.0 GENERAL TECHNICAL REQUIREMENTS

FROM	ТО
5.1 Two (2) units Wireless Controllers.	5.1. Two (2) units Wireless Controllers.
Specifications:	Specifications:
5.1.1. 802.11ax High-Efficiency Wireless 5.1.2. Deep Packet Inspection (DPI) capability	5.1.1. Wi-Fi 6, 802.11ax High-Efficiency- Wireless 5.1.2. Wi-Fi Protected Access 3
BIR Road corner Quezon Avenue, Diliman 1100 Quezon City, Philippines Tel. Nos. (632) 921-3541 to 79 • Fax No. (632) 921-2468 Website: <u>www.napocor.gov.ph</u>	
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·	CHOLK (K KO, 10-15122-000) KET, NO, FB2207 10-1450209	
	5.1.3. Support central, distributed, and mesh deployments	Capability
	5.1.4. Detect, locate, mitigate, and contain wired and wireless rogues and threats	5.1.4. To be configured for High Availability 5.1.5. At least 2 x 10GBase-X and 2 x dual
	5.1.5. Supports High Availability & Redundancy	media 1000Base-X or 1000Base-T
	5.1.6. At least 2 x 10Gb multi-gigabit copper	ports
	5.1.7. Type A 3.0 USB port used to perform	5.1.6. Supports Guest portal, AP
	software updates	provisioning wizard, automated RF
	5.1.8. Status LED for Service, Redundancy,	network optimization
	High Availability, Alarm	5.1.7. Shall support and control the
. •	5.1.9. Dedicated Service Port for Out-of-Band	Wireless Access Points (Item 5.2)
	Management	
	5.1.10. Shall support and control the Wireless	5.2. Forty-four (44) units Controller-Based
	Access Points	Wireless Access Points (40 units to be
	5.1.11. Built-in secure boot, image signing	installed and 4 units as spare WAPs)
	integrity verification and hardware	······································
	authenticity.	Specifications:
	5.1.12. Supports programmable API for	
	automation	5.2.1. Dual-band, 802.11ax, 4x4 MIMO,
		internal antennas
		5.2.2. At least 1x 5000BASE-T and 1x
	5.2 Thirty-nine (39) units Wireless Access	1000Base-T auto-sensing ports
	Points.	5.2.3. Supports packet capturing
		5.2.4. USB and RJ-45 console port
	Specifications:	5.2.5. 802.3at/bt Power Supply Injectors
		5.2.6. Multicolored LEDs for System and
	5.2.1. Dual-band, controller-based 802.11ax	Radio status
	5.2.2. At least 1 x 2500 Multi-gigabit	5.2.7. Installed Trusted Platform Module
	autosensing (RJ-45) port	(TPM)
	5.2.3. Management console port (RJ-45)	5.2.8. Shall be supported and controlled by
	5.2.4. 802.3 at Power Supply Injectors	the Wireless Controllers (Item 5.1)
	5.2.5. Mounting Brackets	
	5.2.6. Status LED indicates boot loader status,	5.3. Five (5) units Wireless Router
	association status, operating status,	
	boot loader warnings, and boot loader	Specifications:
	errors	
	5.2.7. IEEE 802.11ax - 4x4 downlink MU-	
	MIMO with four spatial streams	Gigabit Ethernet WAN port, 4 x
	5.2.8. Uplink/Downlink OFDMA	Gigabit Ethernet LAN ports
	5.2.9. At least 2048 MB DRAM and 1024mB	5.3.2. At least four (4) dual-band antennas
	Flash Memory	
	5.2.10. Shall be supported and controlled by the	5.4. Five (5) units Autonomous Wireless
	Wireless Controllers	Access Points
		Smarification
		Specifications:
		5.4.1. IEEE 802.11ax, IEEE 802.3at PoE
		5.4.2. 1 x RJ45 console port, 1 x Gigabit
		Ethernet port, (PoE) LAN
L		5.4.3. At least four (4) dual-band antennas

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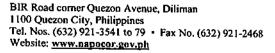
All other terms and conditions shall remain the same.

For the information and guidance of all authorized copy holders of the Bid Documents and prospective bidders.

For the Bids and Awards Committee:

)a RENE B. BARRUELA

Vice President, Corporate Affairs Group and Chairman, Bids and Awards Committee



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