BAC RESOLUTION No. 138
Series of 2022

BIDS AND AWARDS COMMITTEE (BAC) RESOLUTION DECLARING 90 DEGREES NORTH, INC. AS HAVING THE SINGLE CALCULATED AND RESPONSIVE BID (SCRB) FOR THE ONE (1) LOT - SUPPLY AND DELIVERY OF INFORMATION SYSTEM STRATEGIC PLAN (ISSP) VARIOUS ICT EQUIPMENT AND ACCESSORIES (BID NO. 004-2022) AND RECOMMENDING TO THE APPROVING AUTHORITY THE APPROVAL THEREOF

WHEREAS, there is an approved Purchase Request (P.R.) Nos. **2022-06-0261 and 2022-06-0233** with an Approved Budget for the Contract (ABC) in the amount of ***Four Million Nine Hundred Fifty Thousand One Hundred Pesos (PhP 4,950,100.00)*** as listed hereunder;

Purchase Request No.	Items	Quantity	Unit Cost	Total
2022-06-0261 & 2022-06-0233	**Supply and Delivery of Information System Strategic Plan (ISSP) Various ICT Equipment and Accessories**	1 Lot	PhP 4,950,100.00	PhP 4,950,100.00
	BRAND NEW CLONE DESKTOP COMPUTER SYSTEM Specifications: 1. **Processor**: INTEL i5-12400 2.5GHz 6-core 12 Thread 18M Cache LGA1700 CPU 2. **Motherboard**: PRIME B660M-K D4 DDR4 LGA1700 m-ATX 3. **Memory**: KVR26N19S8/16 16GB DDR4 2666MHz Non-ECC CL19 DIMM 4. **Storage**: MZ-V7S500BW 500GB 970 EVO Plus NVME M.2 Solid State Drive 5. **Optical Drive**: DRW-24D5MT 24X BLK DVDRW 6. **Casing**: ATX Casing w/ Gamemax GM800 700Watts Power Supply 7. **Keyboard & Mouse**: USB Keyboard & USB Optical Mouse (Logitech) 8. **Monitor**: LS22F350FHEXXP TN | 22" | 16:9 | 1920 x 1080 | 5ms | 60Hz | 300 cd/m² | 1,000:1 | HDMI x 1 9. **Operating System**: FQC-10528 Win 11 Pro 64Bit Eng Intl 1pk DSP OEI DVD 10. **Warranty** One-year warranty on Parts and Labor	50 Units		
	UPS BVX650I-PH 650VA / 360 WATTS 4 NEMA CIRCUIT BREAKER 1. Warranty One-year warranty	50 Units		
	Scarlet Solo (3rd Gen) USB Audio Interface 1. Warranty One-year warranty	20 Units		
	BRAND NEW CLONE DESKTOP COMPUTER SYSTEM Specifications: 1. **Processor:** Intel i7-12700 2.1GHZ 12 Core 20Threads 25M CACHE LGA1700 Processor 2. **Motherboard:** PRIME H610M-K DDR4 LGA1700 m-ATX 3. **Memory:** KF432C16BB/16GB 16GB/3200Mhz Fury Beast Black 4. **Storage:** MZ-V7S1T0BW 970 EVO PLUS 1TB M.2 2280 PCIe Gen3 x4 NVMe 5. **Casing & Power Supply:** 5907 Casing with Gm -800 Power Supply	3 Units		

6. **Keyboard & Mouse:** Keyboard & Mouse (Logitech) 7. **Optical Drive:** DRW-24D5MT 24X BLK DVDRW 8. **Monitor:** LC24F390FHEXXP 24" Curve FHD, 1920 x 1080, VGA + HDMI, 250cd, 4 ms response time, VA Panel, simple stand, black, wallmountable 9. **Operating System:** FQC-10528 Win 11 Pro 64Bit Eng Intl 1pk DSP OEI DVD 10. **Warranty** One-year warranty on Parts and Labor		
UPS EATUPS0074 5L1200PH EATON 5L 1200VA USB 230V PH "1200/600" NEMA 5-15P (8) NEMA 5-15R 2 UPS | 2 BATTERY **Warranty One-year**	3 Units	
LASERJET ENTERPRISE MFP M430f (3PZ55A) **Specifications:** 1. **AIO functions Print, copy, scan, fax** 2. **Print** Print technology : Laser; Print resolution technology: 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200 3. **Scan** Scan type / Technology Type : Flatbed, ADF; Technology: Contact Image Sensor (CIS); Twain version: Version 2.1 4. **Fax** Fax speed Up to:33.6 kbps (maximum); 14.4 kbps (default) / Letter:3 sec per page 5. **Copy** Copy speed Letter : Up to 40 cpm Black; A4: Up to 38 cpm Black; First copy out Letter: As fast as 6.8 sec Black; First copy out A4: As fast as 7.2 sec Black; 2-sided Letter: Up to 33 cpm Black; 2-sided A4: Up to 31 cpm Black 6. **Connectivity** Standard connectivity 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Fax 7. **Network capabilities** Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking **Warranty One-year warranty**	2 Units	
SCANJET ENTERPRISE FLOW 5000 S5 (6FW09A0) Specifications: 1. **Resolution:** 600 x 600 dpi 2. **Control Panel:** 2-line 16 character per line LCD display, Simplex button, Duplex button, Cancel button, Power button with a LED, Up button, Down button and Tool button	1 Unit	

	3. **Bit depth:** 24-bit 4. **Maximum Document Scan Size:** 8.5 x 122 in 5. **Input Type:** Sheetfed 6. **Auto Document Feeder Standard:** 80 sheets 7. **Connectivity:** USB 3.0 8. **Warranty:** One-year warranty			
	VALUE DESKTOP PRINTER ZD23042-30PG00EZ Specifications: 1. **Resolution:** 203 dpi/8 dots per mm 2. **Memory:** 128 MB Flash; 128 MB SDRAM 3. **Maximum Print Width:** 4.09 in./104 mm for 203 dpi 4. **Programmable Print Speed:** 6 in./152 mm per second or 4 in./102 mm per second 5. **Firmware:** ZPL II; EPL 2; XML 6. **Warranty :** 2 Years Warranty	1 Unit		
	DS2278 Scanner (DS2278-SR7U2100PRW) **Specifications:** 1. **Barcode Dimension:** 1D, 2D 2. **Bluetooth:** Yes 3. **Connectivity Technology:** Wireless 4. **Host Interface:** USB 5. **Image Sensor:** Imager 6. **Product Family:** DS2200 7. **Product Type:** Handheld Barcode Scanner 8. **Warranty:** 3 Years Warranty	1 Unit		
	BRANDED 1U RACK SERVER Specification: 1. **Processor:** Intel Xeon E-2334 3.6GHz, 8M cache, 4C/8T, turbo (65W) 2. **Cache Memory:** 8M Cache 3. **Memory:** 16GB 3200MT/s ECC UDIMM 4. **Network Controller:** On-Board Broadcom 5720 Dual Port 1Gb LOM 5. **Storage Controller:** PERC H755 RAID Controller 6. **Hard Drive:** 600GB Hard Drive SAS 12Gbps 10K 512n 2.5in w/ 3.5in HYB CARR Hot-Plug (max 4HDD) 7. **Optical Drive:** DVD+/-RW, SATA, Internal for Hot Plug Chassis 8. **Power Supply:** Single, Hot-Plug, Power Supply (1+0), 600W 9. **Management:** iDRAC9, Express 15G 10. **Form Factor:** 1U Rack Server, Ready Rails Sliding Rails w/ Cable Management Arm 11. **Power Cord:** 1 x Power Cord, 1x Jumper Cord 12. **Warranty:** 3 Yrs Pro Support Next Business Day Onsite Service	2 Units		

	13. **Mouse:** Optical Mouse MS116 14. **Keyboard:** Multimedia Keyboard (English) KB216 Black 15. **Monitor:** E1920H 18.5" Widescreen Monitor with LED 16. **OS:** Windows Server 2019, Standard, ROK,16CORE			
	2TB 7.2K RPM NLSAS 12GBPS 512N 3.5IN HOT-PLUG HARD DRIVE, CK	2 Units		
	SERVER RACK - 24RU (FREE STANDING) Specifications: 1. H=600mm x D=1070mm 2. H=1198.5mm 3. 19" standard opening systems 4. framing & panelling gauge# 16 5. adjustable mounting railings 6. perforated front door w/ swinghandle lock (single door) 7. perforated back door w/ swinghandle lock (split type) 8. detachable side panels w/ pushlock & ventillation 9. w/ 2 pcs. monitor tray 10. w/ vertical powerstrip 8 outlets, 3 prong, 220v-20amp-fuse capacity w/ 1 meter power cord 11. w/ 4 pcs. exhaust fan @ the top panel 12. w/ vertical cable manager @ the back (ring type) 13. w/ 30 pcs. cagenuts & screws 14. w/ caster wheels & levelling feet 15. black (powder coated) 16. bolted type	1 Unit		
	5PX GEN2 UPS 5PX 2200I RT2U G2 2200/2200 Specification: 1. IEC C20 (16A Socket) 2. (8) IEC C13 (10A) 3. (2) IEC C19 (16A)" 3 UPS | 3 Battery 4. Warranty: 3 years on electronics, 2 year on battery	4 Units		
	BRAND NEW LAPTOP COMPUTER Specification: 1. **Processor:** 11th Generation Intel Core i5-11320H Processor (8MB Cache, up to 4.5GHz) 2. **Memory:** 2 x 8GB DDR4 3200MHz 3. **Storage:** 512GB M.2 PCIe NVMe Solid State Drive 4. **Graphics:** Intel(R) Iris(R) Xe Graphics with shared graphics memory 5. **Display:** 15.6-inch FHD (1920 x 1080) Anti-glare LED Backlight Non-Touch Narrow Border WVA Display 6. **O.S.:** Windows 11 Pro, English 7. **Color:** Titan Grey 8. **Keyboard:** Carbon Backlit Keyboard with Numeric Keypad, English US 9. Wireless Intel(R) Wi-Fi 6 2x2 (Gig+) and Bluetooth 10. **Anti-virus:** McAfee(R) 12 month subscription	1 Unit		

	11. **Warranty:** 3 YRS Pro Support and NBD Onsite Service		

	MAC Studio
	
	Specifications:
	1. **Chip**
	  - Apple MI Max Chip 10 Core CPU with 8 Performance cores and 2 efficiency cores
	    24-core GPU
	    16-core Neutral Engine
	    400GB/s memory bandwidth
	2. **Memory**
	  - 32GB
	    32GB unified memory
	3. **Storage**
	  - 512GB
	    512GB SSD
	4. **Video Support Simultaneously Supports up to five Displays**
	  - Support for up to four Pro Display XDRs (6k resolutions at 60Hz and over a billion colors) over USB-C and one 4K display (4K resolutions at 60Hz and over a billion colors) over HDMI
	    Thunderbolt 4 digital video output supports Native Display Port output over USB-C
	    Thunderbolt 2, DVI and VGA output supported using adapter (sold separately)
	    HDMI display video output
	    Support for one display with up to 4K resolutions at 60Hz
	    DVI output using HDMI to DVI adapter (sold separately)
	5. **Audio**
	  - Built-in speaker
	    3.5mm headphone jack with advanced support for hign-Impedance headphones
	    HDMI supports Multichannel audio output
	6. **Connections and Expansion**
	  - four thunderbolt 4 ports with support for Thunderbolt 4 (Up to 40Gbps)
	    Display Port
	    USB 4 (Up to 40Gbps)
	    USB 3.1 Gen 2 (Up to 10Gbps)
	    Two USB-A Ports (Up to 5Gbps)
	    HDMI Port
	    10Gb Ethernet
	    3.5mm headphone jack
	    On front (MI Max)
	    Two USB-C Ports (Up to 10Gbps)
	    SDXC card slot (UHS-II)
	    On front (MI Ultra)
	    Two Thunderbolt 4 ports (Up to 40Gbps)
	    SDXC card slot (UHS-JJ)
	7. **Communications**
	  - WI-FI
		1 Unit	

802.11ax Wi-Fi 6 Wireless Networking IEEI 802.11a/b/g/n/ac compatible Bluetooth Bluetooth 5.0 wireless technology Ethernet 10Gb Ethernet (Nbase-T Ethernet with support for 1Gb, 2.5Gb, 5Gb and 10Gb Ethernet using RJ-45 connector) 8. **Electrical and Operating Requirements** - Line Voltage: 100-240V AC Frequency: 50Hz to 60Hz single Phase Maximum Continuous Power: 370W 9. **Operating System** - MacOS		
ATEM 2 M/E Production Studio 4K Specifications: 1. **Connections** - Total Video Inputs 21 with 20 active Total Video Outputs 6 2. **HDMI Video Inputs** - 1 x HDMI type A, 20-bit SD/HD/Ultra HD 4K switchable 3. **Control Panel Connections** - Ethernet supports 10/100/1000 BaseT, Allows direct connection between panels and chassis of via network 4. **Computer Interface** - 1 x USB 2.0 Port 5. **Standards** - SD Video Stamdards 525i59.94 NTSC, 625i50 PAL HD video standards 720P50. 720P59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97 6. **Display** - Interface - Minimum monitor resolution of 1366 x 768 Built-in LCD Monitor for video and 42 LED buttons for AUX switching 7. **Software** - Control Panel included - ATEM Software Control Panel included free for Mac 10.12 Sierra, Mac 10.13 High Sierra or later and Windows 8.1 64-Bit or Windows 10 64-Bit	1 Unit	
MG12XU 12-Channel Mixer with USB and Effects Specifications: 1. 2-Channel Mixing Console 2. Max: 6 Mic/ 12 Line Inputs (4 mono stereo)	1 Unit	

WHEREAS, the BBS-BAC discussed the parameters of the post-qualification activity and the BBS-BAC shall create a composite group of BBS-BAC, TWG and Secretariat who will conduct the post-qualification stage to 90 DEGREES NORTH, INC.;

WHEREAS, the BAC Secretariat informed the representative of 90 DEGREES NORTH, INC., that a composite group of BAC, TWG & Secretariat will conduct a post-qualification stage at their office on **06 September 2022;**

WHEREAS, the composite group of selected BAC, TWG and Secretariat on **06 September 2022** at 10:00AM, proceeded to the office of 90 DEGREES NORTH, INC., and conducted the post qualification inspection of its Eligibility and Technical Components Documents and Post Qualification Documents and counterchecked the same with the presented original documents;

WHEREAS, on the same day, after all the eligibility and technical components documents and post-qualification documents were verified and validated and all were found to be true and correct and in accordance with the requirements and inspection activities. The BBS-BAC Post-Qualification Composite Group declared 90 DEGREES NORTH, INC., to have PASSED the post-qualification requirements and inspection activities;

WHEREAS, the composite group submitted to the BBS-BAC the accomplished Checklist of Post-Qualification Requirements, which were all been verified and validated and all were found to be true and correct. The financial document was likewise reviewed and found to be in order and in compliance with the provisions of the 2016 Revised Implementing Rules and Regulations of RA 9184;

NOW, THEREFORE, foregoing premises considered, we the members of the Bureau of Broadcast Services-Bids and Awards Committee (BBS-BAC), hereby **RESOLVE,** as it is hereby **RESOLVED,** to declare **90 DEGREES NORTH, INC.** as having the Single Calculated and Responsive Bid (SCRB) for the *One (1) Lot – Supply and Delivery of Information System Strategic Plan (ISSP) Various ICT Equipment and Accessories (Bid No. 004-2022);* and

RESOLVE FURTHER, that the Bureau of Broadcast Services-Bids and Awards Committee (BBS-BAC) recommends to the Approving Authority the approval of this resolution, the subsequent issuance of the Notice of Award, Notice to Proceed and Purchase Order with **90 DEGREES NORTH, INC.** for the *One (1) Lot – Supply and Delivery of Information System Strategic Plan (ISSP) Various ICT Equipment and Accessories (Bid No. 004-2022)* in the amount of *Four Million Nine Hundred Fifty Thousand Pesos (PhP 4,950,000.00)* in accordance with the provisions of the signed Purchase Order and the Guidelines under the Government Procurement Reform Act, as approved and adopted by the Government Procurement Policy Board (GPPB).

RESOLVED, at the PBS-BBS BAC Office, this 8th day of September 2022 at PBS-BBS 4th Floor PIA Media Center Building. Visayas Avenue, Quezon City.

TECHNICAL WORKING GROUP

ANDRECITO A. POBLETE
TWG-Head

HAZEL D. USITA
Member

JULIUS S. UNGAB
Member

MA. EILEEN V. ELIGADO
Member

EMMANUEL CEDRIC M. ONTONG
Member

VENER P. LAINEZ
Member

JESSIE D. FRANCISCO
Member

BIDS AND AWARDS COMMITTEE

ALAN L. ALLANIGUE
Chairman

ELIZABETH B. RAYMUNDO
Vice-Chairman

JUN P. ROMANA
Member

RODENTOR O. DOMINGO
Member

SALLY G. CUEVA
Member

NOEL V. GARCIA
BBSEO Representative

BIENVENIDO M. CANGCO
End-User

APPROVED / DISAPPROVED:

RIZAL GIOVANNI P. APORTADERA, JR.
Director IV

Attested by:

BENJAMIN REUEL R. ORTIGUERO, JR.
Head, Secretariat