

**GOVT. OF ASSAM
OFFICE OF THE CHIEF ENGINEER
WATER RESOURCES DEPARTMENT, ASSAM WATER CENTRE
BASISTHA, GUWAHATI-29**

NO. CE/CC/WR/NIQ/2021-22/1030/14

Dated : 09/06/2022

NOTICE INVITING QUOTATION

Sealed quotation affixing court fee stamp of Rs.8.25 (Rupees Eight and paise Twenty Five) only is hereby invited from OEM holder/ authorized dealer of IT equipment for fixation of rates for Hydro Informatics Unit (HIU) under AIRBMP as detailed in the schedule enclosed with Detailed Quotation Notice and will be received by the undersigned up to 2:00 pm of 21/06/2022 at his office. The quotation will be opened at 2:30 pm on the same date and place. If the last day of receiving of quotation happens to be an unscheduled holiday/ bandha, the next working day will be considered as the date of receiving quotation.

Detailed quotation papers may be obtained from the official website

<https://waterresources.assam.gov.in/>

The quotationers or their authorized agents may present at the time of opening of quotation, if they desire so.

Special terms and conditions are given below:

- 1) The quotation is invited for fixation of estimated rates only.
- 2) No work shall be allotted against this quotation.
- 3) Firms/ Agency submitting quotation should submit proof regarding incorporation of their organization.
- 4) Firms/ Agency should submit proof regarding OEM or Authorized dealership.
- 5) Rates should be quoted inclusive of all taxes as applicable.
- 6) Rates should be quoted for Guwahati.
- 7) Any correction of quoted rates should bear dated initial of the quotationer.
- 8) No quotation shall be received via e-mail.
- 9) Quotation may be submitted by speed post/Courier service, but it should reach the office of the undersigned within the stipulated date and time.
- 10) For any query Firms/ Agency may contact the undersigned via email id -

eoicewrd@gmail.com

Sd/-
Director Design
Water Resources Department
Assam Water Centre
Basistha, Cuwahati-29

Technical Specification

1. Workstation

Sl No	Parameter	Qualifying Minimum features
	Make & Model	
1	Processor	2 x Intel Xeon-Silver 4000 series (2.1GHz/8-core/16T/85W/11MB Cache)
2	Chipset	Intel C622 chipset or higher
3	RAM	64GB(4 x 16GB) ECC and expandable upto 758 GB, DDR4, 2666 MHz memory, Total 12 DIMM Slots with 2 CPU's
4	Hard Disk	2 x 1TB 7200 RPM HDD. Option for future expansion of additional Hard drives
	SSD	480 GB SATA Enterprise SSD
5	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10). Optional LSI SAS Controller
6	Optical Drive	9.5mm Slim SuperMulti DVD Writer
7	Graphics Card	Nvidia Quadro 8 GB Graphic card
8	Slots	2 x PCIe Gen3 x16 3 x PCI Express x4 1 x PCI Express Gen3 x8 All PCI Express slots should be open-ended.
9	Security	BIOS controlled electro-mechanical internal chassis lock for the system.
10	LAN	Intel Ethernet I210-T1 PCIe x1 Gb NIC
11	Ports	Front: 1 headset connector; 4 USB 3.1 (1 charging) Rear: 6 USB 3.1 Gen 1; 2 RJ-45 (1 GbE); 1 audio-in; 1 audio-out; 1 PS/2 mouse port; 1 PS/2 keyboard port; 1 serial
12	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
13	Audio	High Definition Integrated Audio with Internal speaker.
14	Monitor	Min 23.8" height adjustable IPS display with resolution of 1920x1080 with TCO certified. Monitor should have VGA, DP, HDMI port with USB 3.0 port. The monitor should be of the same make of OEM.
15	Power Supply	Minimum 1000W 90% Efficient Power supply EPEAT Gold certification for the system model.
16	Operating System	Windows 10 Pro/11 pro preloaded from OEM factory premises. OEM written confirmation that the OS will be preloaded from their factory premises to be part of the submission.
17	Chassis	Completely tool less chassis with handles in front and rear side. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be tower model.
18	Warranty	3 years onsite parts and labor warranty for system and monitor

2. Desktop

Sl No	Parameter	Qualifying Minimum features
	Make & Model	
1	Processor	Minimum Intel i9-12900 (16 cores, 1.8 GHz E-core base frequency, 2.4 GHz P-core base frequency, up to 3.8 GHz E-core Max Turbo frequency, 30 MB L3 cache), supports Intel vPro Technology) or higher
2	Chipset	Intel W 680 chipset or higher
3	RAM	64 GB ECC and expandable upto 128 GB DDR4, with minimum of 4 DIMM slots
4	Hard Disk	1 TB 7200 RPM SATA HDD, Option for future expansion of additional Hard drives
5	SSD	256GB M.2 Solid State Drive
6	Graphics Card	One Nvidia 4GB Graphic card
7	Slots	1 PCIe 3 x4 (x16 connector); 1 PCIe 3 x4 (x4 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 M.2 2230 PCIe 3 X1 for WLAN
8	Ports	Front: 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Rear: 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate
9	Communication	Integrated Wifi 802.11ac + Bluetooth
10	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
11	Audio	Integrated audio facility.
12	Monitor	Min 23.8” display with resolution of 1920x1080. The monitor should be of the same make of OEM.
13	Power Supply	Minimum 700 W 92% Efficient Power supply or higher
14	Operating System	Windows 10 Pro/11 pro preloaded from OEM factory premises. OEM written confirmation that the OS will be preloaded from their factory premises to be part of the submission.
15	Security	Chassis Intrusion switch/ Intrusion Sensor with chassis physical security cable lock slot
16	Warranty	3 years onsite parts and labor warranty for system and monitor

3. LAPTOP

PERFORMANCE	
Processor	Intel Core i7-10750H (6C/12T.2.6/5.0 GHz.12 MB)
Graphics	NVIDIA GeForce GTX 1650 4GB GDDR6
Chipset	Intel HM470
Memory	1 X 8GB SO-DIMM DDR4-2933
Memory Slots	2 SO-DIMM DDR4-2933 offering
Max Memory	upto 16 GB DDR4 2933 offering
Storage	512 GB SSD M22BOPCie 3.0*4NVMe
Storage Support	Upto two drivers 1*2.5''HDD + 1*M2 SSD <ul style="list-style-type: none"> • 2.5'' HDD up to 1TB • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB
Card Reader	None
Optical	None
Audio Chip	HD audio
Speaker	Stereo speaker, 1.5W x2, Dollby Audio
Camera	720p with privacy shutter
Microphone	2x array
Battery	Integrated 45WH
Max Battery Life	Mobile mark 2014: 9.7hr
Power Adapter	135W slim tip 3-pin
DESIGN	
Display	15.6'' FHD (1920x1080) IPS 250nits Antiglare 120Hz
Touch screen	None
Keyboard	Blue backlit, English
Case colour	Onyx black
Surface treatment	IMR (in mold decoration by roller)
Case material	PC + ABS {top}, PC + ABS {bottom}
Dimensions	359 x 249.6 x 24.9 mm (14.13*9.83*0.98 inches)
Weight	2.2 KG
SOFTWARE	
OS	Win 10 Home 64, English
Bundled S/W	Office trial
CONNECTIVITY	
Ethernet	100/1000M
WLAN+Bluetooth	Wi-Fi 6 11ax, 2x2 + BT5.0

Standard ports	2 x USB 3.2 Gen 1 1 x USB-C 3.2 Gen 1 (support data transfer only) 1 x HDMI 2.0 1 x Ethernet (RJ-45) 1 x Headphone / microphone combo jack (3.5mm) 1 x power connector
SECURITY AND PRIVACY	
Security chip	Firmware TPM 2.0
Fingerprint reader	None
Physical locks	No
Other security	Cam privacy shutter
SERVICE	
Base warranty	1 year Depot
Included upgrade	1Y onsite upgrade from 1Y depot/CCI delivery 5W50W84221
BUNDLED ACCESSORIES	Pre -loaded MS office

4. Printer

Functions / Multitasking Supported :Print, copy, scan, fax/ Yes

Print Speed: Black (ISO): Up to 22 ppm; Color (ISO): Up to 18 ppm First Page Out Black: As fast as 9 sec; First Page Out Color: As fast as 10 sec; Black (Draft): Up to 34 ppm; Color (Draft): Up to 34 ppm or better.

Print Resolution: Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 by 1200 optimized dpi on HP Advance Photo Paper 1200 by 1200 dpi input. or better.

Print Technology: Thermal Inkjet or better.

Print Cartridges: Number 4 (1 each black, cyan, magenta, yellow)

Borderless Printing: Yes (up to A3/11 x 17-in)

Scan Type / Technology: Flatbed, ADF/ Contact Image Sensor (CIS) or better.

Scan Resolution: Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi or better.

Scan File Format: Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)

Scan Input Modes: Front-panel scan, copy, fax, or from software

Scan Size Maximum: ADF: Two-sided (Duplex): 8.27 x 11.69 in; One-sided: 8.5 x 14 in; Flatbed: 11.69 x 17 in

Bit Depth / Grayscale levels: 24-bit/ 256 or better.

Digital Sending Standard Features: Scan to PC; Scan to Memory Device; Scan to email

Copy Speed: 1Black (ISO): Up to 18 cpm; Color (ISO): Up to 13 cpm; Black (Draft): Up to 33 cpm; Color (Draft): Up to 31 cpm or better.

Copy Resolution: Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi or better.

Maximum Number Of Copies: Up to 99 copies Copier Resize25 to 400% or better.

Copier Settings: Copies; Size; Quality; Tray Selection; Lighter/Darker; Paper size; Resize; Paper Type; Two-sided; ID Copy, Collate; binding Margin; Enhancement; Crop; Copy preview

Standard Connectivity: 1 USB 2.0 with compatibility with USB 3.0 devices; 1 Host USB; 1 Ethernet; 1 Wireless 802.11b/g/n; 2 RJ-11 modem ports or better.

Network Capabilities: None

Network Ready: Standard (built-in Ethernet, WiFi 802.11b/g/n) or better.

Wireless Capability: Yes, built-in WiFi 802.11 b/g/n or better.

Memory: Standard: 512 MB; Maximum: 512 MB or better.

Processor Speed: 1.2 GHz or better.

Duty Cycle: Monthly, letter: Up to 30,000 pages or better.

Recommended Monthly Page Volume: 250 to 1500 or better.

Media Types Supported: Plain; Legal; Government Legal; Executive; A3, A4, Statement; 3 x 5 in; 4 x 6 in; 5 x 7 in; 8 x 10 in; L; Photo 2L; Envelope (#10, Monarch); Card (3 x 5 in, 4 x 6 in, 5 x 8 in); Tabloid (11 x 17 in)

Paper Handling: 250-sheet input tray, 250-sheet plain paper tray,; 75-sheet output tray; Duplex Options: Automatic; Auto Document Feeder Capacity: Standard, 35 sheets; Envelope Feeder: No; Standard Paper Trays: 2; Input Capacities: Up to 250 sheets standard; Up to 30; Up to 50 sheets; Up to 50 sheets labels; Up to 250 sheets legal; Output Capacities: Up to 75 sheets standard; Up to 25 envelopes; Up to 35 cards; Up to 35 sheets labels; Up to 75 sheets legal or better.

Warranty Features: One-year limited hardware warranty

Control Panel: 2.65" (6.75 cm) touchscreen control panel with color graphic display; LED indicator light (WiFi indicator); or better.

Compatible Operating Systems: 4 Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) Compatible Network Operating Systems Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista (32-bit), Windows XP SP3 (32-bit); OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks or better.

Minimum System Requirements PC: Windows 11, 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows XP SP3 or higher (32-bit only): any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; MAC: OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks, 1 GB HD; Internet; USB

Power: Power Supply Type: Internal (Built-in) Universal Power Supply; Power Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz; Power Consumption: 37 watts maximum, 0.20 watts (Manual-Off), 6.5 watts (Standby), 1.47 watts (Sleep)

Name of Quotationer:

Address:

Sl. No.	Product	Brand/ Make	Rate (without Taxes)	Calculation of Taxes	Rate (With Taxes)
1	Workstation				
2	Desktop Computer				
3	Laptop				
4	Printer				

All products must fulfill the technical specification mentioned above.

I have carefully read all the technical specifications mentioned in this Notice Inviting Quotations, the products are as per the said technical specifications for which I am submitting the rates.

Signature of Quotationer/ Authorized representative

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Name of Quotationer// Authorized representative

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Name of Firm/ Agency

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