

Diplomacy, coordinated management stressed to protect Pakistan's water security

By our correspondent

ISLAMABAD: Pakistan must continue sustained diplomatic engagement to defend its rights under the Indus Waters Treaty (IWT) with stronger domestic water management to address its growing water security challenges, said experts in a seminar here Thursday.

The experts emphasised that safeguarding the country's water interests required action beyond legal proceedings, including international advocacy, diplomatic engagement, reduced water wastage and improved coordination among relevant institutions.

The seminar, titled "Beyond The Hague: Securing

Pakistan's Water Rights and Water Security", was organised by the Institute of Policy Studies where vice chairman Ambassador Abrar Hussain highlighted the IWT's strategic, environmental and socio-economic significance.

He underscored the need to examine the treaty through historical, diplomatic and policy perspectives.

IPS chairman Khalid Rahman said the challenge of the IWT in absence of the Pabligam addressed in isolation, independent of political goodwill from India. He stressed that Pakistan should pursue both immediate measures and a broader long-term vision for securing its water interests.

Former deputy executive

director of UN Environment Programme Shafiqul Kabir described the IWT as the most comprehensive water-distribution agreement of its kind and a gold standard for Pakistan.

He argued that India had sought to revise the treaty and had not cooperated with its established mechanisms well before announcing its decision to hold it in abeyance in April 2025. According to him, India's notice, issued within 10 days of the Pabligam attack, reflected a position that had been developing for some time.

Emphasising the need for a measured response, Kakabir urged Pakistan to continue pursuing cooperation and diplomacy while

avoiding provocations.

He also said the US and the World Bank, as parties involved in establishing the treaty framework, should play an active role in facilitating its resumption.

Assistant professor at the NUST Centre for International Peace and Stability Dr. Afshar Qazi said India's refusal to heed the Permanent Court of Arbitration's decision would not, in itself, absolve it of its responsibilities.

She highlighted the potential of soft diplomacy to generate indirect pressure for compliance, suggesting that diplomatic engagement and international attention could complement formal legal proceedings. She also

underscored the importance of addressing Pakistan's internal water-management challenges, stressing that while external efforts to secure its water rights remain essential, the country must also reduce water wastage and improve the management of its available resources.

Member of the UNESCO Chair on Knowledge Systems for Integrated Water Resources Management, COMSATS, Dr. Sumaira Khan emphasised that strengthening coordination among relevant institutions is important for ensuring that knowledge and evidence inform practical measures to address Pakistan's water-security challenges.

MoU inked to strengthen cybersecurity in higher education

By Myra Imran

ISLAMABAD: The Higher Education Commission (HEC), Pakistan and The National Cyber Emergency Response Team (National CERT) of Pakistan have signed a Memorandum of Understanding (MoU) to enhance cybersecurity cooperation, coordination, and resilience across Pakistan's higher education sector.

The MoU marks a significant step towards strengthening the sector's capacity to prevent, detect, and respond to emerging cyber threats.

A key outcome of the collaboration is the establishment of the Pakistan Education & Research Network (PERN)/Higher Education Sector Cyber Emergency Response Team (EduCERT).

The initiative will provide a

dedicated cybersecurity coordination mechanism for universities and higher education institutions across Pakistan, enabling coordinated efforts to strengthen cyber preparedness, information sharing, and response to emerging threats.

The MoU was signed by Dr. Zia Ull Haq, Executive Director, HEC, and Dr. Mehreen Afzal, Director General, Risk and Compliance (GRC), National CERT, in the presence of Chairman HEC Prof. Dr. Niaz Ahmad Adhar, Director General National CERT Dr. Haider Abbas, Advisor IT Engr. Nazeer Hussain, Engr. Nazeem Ahmed Adhar, and senior representatives of both organisations.

Chairman HEC Prof. Dr. Niaz Ahmad Adhar said that strengthening cybersecurity across higher education institutions is essential to safeguarding digital infrastructure, academic systems, and institutional data. He emphasised the importance of coordinated efforts, timely information sharing, and enhanced institutional capacity to effectively address evolving cyber threats, adding that EduCERT will provide a structured mechanism for universities to collaborate and strengthen their cybersecurity preparedness. EduCERT through PERN will facilitate a coordinated cybersecurity platform for Pakistan's higher education sector, supporting cyber threat monitoring, incident coordination, information sharing, security awareness, and institutional cyber resilience. It will facilitate collaboration among universities by enabling the exchange of threat intelligence, cybersecurity knowledge, and best practices, thereby contributing to a stronger and more coordinated national cybersecurity framework.



Government of Pakistan
National Council for Homoeopathy

Fazal Town (Phase-I), Airport Link Road, Rawalpindi
Website: www.nchpakistan.gov.pk
Email: nchpakistan.govt@gmail.com
Phone: 051-5409003

TENDER NOTICE

Ref. No. NCH/F. 1-2 (Gen. Tender)/2026**Dated: 30th September, 2026**

National Council for Homoeopathy is a Body Corporate established under Section 3 of the Unani, Ayurvedic & Homoeopathic Practitioners Act, (II of 1965) and working under the administrative control of Ministry of National Health Services, Regulations & Coordination Islamabad Invites **Electronic Bids Single Stage (Technical/Financial)** from the original manufacturers, authorized distributors registered with Federal Board of Revenue (FBR) for Income Tax and Sales Tax for supply of the following up-graded IT equipment's and consumable stationery items:-

(1) Desktop Computer				
S. No.	Parameter	Specification	Quantity (In No's)	
1	Processor	Intel Core i5-14500, 14 th Generation	08 No's	
2	Ram	16 GB DDR5		
3	Storage	512 GB PCIe NVMe SSD		
4	Wi-Fi 6	PCIe Wi-Fi 6 adapters		
4	Network	1 GB Ethernet		
5	Graphics	Integrated Intel Graphics		
6	TPM	2.0		
7	OS	Windows 11 Pro 64-bit		
8	Monitor	24" Full HD IPS Monitor/LED		
9	Keyboard/Mouse	OEM wired		
(3) LAPTOP				
S. No.	Parameter	Specification	Quantity (In No's)	
1	CPU	Intel Core Ultra 5 120U	02 No's	
2	Ram	16 GB DDR5		
3	Storage	512 GB PCIe NVMe SSD		
4	Display	14" WUXGA IPS, 1920 X 1200		
5	Graphics	Integrated Intel Graphics		
6	OS	Windows 11 Pro		
7	Wi-Fi 6E	5x8		
8	Ethernet	Preferably RJ-45		
9	Bluetooth	5.x		
10	Camera	1080p Preferred	02 No's	
11	Keyboard	Backlit		
12	Security	TPM 2.0 + Fingerprint Preferred		
13	Weight	Around 1.4 -1.5 Kg	02 No's	
(5) PVC CARD PRINTER				
S. No.	Parameter	Specification	Quantity (In No's)	
1	Print Method	Dye Sublimation	02 No's	
2	Resolution	300 DPI (Color & Mono)		
3	Dual Side Printing	Yes		
4	Card Feeding	Automatic		
5	Card Size & Thickness	ISO CR80 / 0.38mm to 1.0 mm		
6	Card Type	PVC, PET, Composite PVC		
7	Printing Speed	YMCKO single sided 212 to 225 cards per hour		
8	Hopper Capacity	Input 1000 Cards		
9	Display & Control Panel	2 Line LCD / 2 LED Buttons		
10	Supported Platforms	Microsoft Windows 7/8/10, Mac OS, Linux		
11	Communication	USB		
12	Consumables	YMCKO 225 Approx. Images Per Ribbon Qty-50		
13	PVC Cards	PVC Cards CR-80 Best Quality (Quantity 8000)		
14	Warranty	01 Year Manufacturer warranty		
(7) MULTIFUNCTION PRINTER / COPIER (Heavy Duty)				
S. No.	Parameter	Specification	Quantity (In No's)	
1	Main Functions	Copy, Print, Scan, Print Speed (A4 Singleplex) 40 pages per minute (ppm)	01 No's	
2	First Page Out Time	Copy: 3.6 seconds Print: 4.2 seconds or better		
3	Core Processor (CPU)	ARM A53 1.6GHz or higher		
4	System Memory	Standard 4GB RAM or better		
5	Storage Capacity	Standard 32 GB SSD, Optional 1 TB HDD Support		
6	Warm Up Time	18 seconds or less from power on		
7	Standard Paper Input	1100 Sheets		
8	Maximum Paper Input	1100 sheets, support or better		
9	Supported Paper Weights	Cassette: 60-163 g/m ² , MPT 45-256 g/m ²		
10	Duplex Printing	Size: A3R-A3, Weight: 60-163 g/m ²		
11	Standard Output Capacity	250 sheets, 50 sheets with inner job separator		
12	Scan Resolution	600-300-300 DPI		
13	Scan Speed	Simplex: 100 ipm Duplex: 200 ipm (Mono & Color at 300 DPI)		
14	File Formats	TIF, JPEG, XPS, Open xps		
15	Display Control Panel	10.1 inch Color Touch Screen Panel or better		
16	Duty Life	600,000 pages or above		
17	Toner Life	6% coverage 35,000 pages or above		
18	Warranty	01 Year manufacturer warranty		
(9) Networking Hardware Requirements				
S.No.	Item	Qty.	Minimum / Required Specification	Preferred Model / Equivalent
1.	Firewall / Router	1	Business-class gateway firewall, Gigabit WAN/LAN, VLAN 802.1Q, DHCP, NAT, Firewall ACL, VPN support, multi-WAN preferred, centralized console management.	TP-Link Omada ER6056 or current equivalent
2.	Onada Controller	1	Hardware controller for centralized management, device monitoring, topology, configuration, firmware management, alerts, remote cloud management.	TP-Link Omada 9200 V3
3.	Main Core Switch	1	Managed Gigabit switch, minimum 24 + 10 100/1000 RJ45, 802.1Q VLAN, QoS, STP/RSTP, LACP, ACL, RSPAN, Onada management, SFP/SFP+ uplinks preferred.	TP-Link Omada 9200 V3
4.	Port Switch - Ground	1	Managed Gigabit switch, minimum 24 + 10 100/1000 RJ45, 802.1Q VLAN, QoS, STP/RSTP, LACP, ACL, RSPAN, Onada management, SFP/SFP+ uplinks preferred.	TP-Link Omada 9200 V3 or higher-port equivalent
5.	Port Switch - Uplink	1	VLAN QoS SFP, Onada managed, SFP uplink preferred. Same minimum specification as ground floor Port switch, dedicated to upper floor APs and future network devices.	TP-Link Omada 9200 V3 or higher-port equivalent
6.	Wi-Fi 6 Access Point	6*	Business-grade Wi-Fi 6, AX3000 class, dual-band 2.4/5 GHz, Gigabit Ethernet, 802.3at PoE+, ceiling mounting, WPA3, VLAN, multiple SSIDs, seamless roaming, centralized Onada management.	TP-Link EAP650
7.	Rack	1	19-inch standard rack, lockable, ventilated, front rear access, suitable depth for switches, patch panels and UPS, cable management.	15U-18U minimums, reusable brand
8.	Patch Panel	1-2	19-inch Cat6 patch panel, minimum 24 ports, labeled/unlabeled, compatible with solid-core Cat6 structured cabling.	24-port Cat6
9.	Patch Cords	As required	Fiber-optic terminated Cat6 RJ45 patch cables, pure copper, suitable lengths for rack and equipment connections.	Cat6 UTP
10.	Surge Protection / PDU	1	Branch rack-mounted PDU, multiple outlets, over-voltage protection, proper earthing, suitable for network equipment.	APC / Eaton / reputable equivalent
11.	Cat6 Cable	2 rolls	Pure bare copper Cat6 UTP, solid conductor, 23/24 AWG, 250 MHz, E/SHZ preferred, CCA prohibited.	Belden / CommScope / Panduit / D-Link or reputable equivalent
12.	UPS	1-2	Online or high-quality line-interactive, pure sine wave preferred, used for server/network load, adequate runtime, USB/network, shutdown support preferred.	APC / Eaton / reputable equivalent

(2) Desktop Computer (As a server)				
S. No.	Component	Required Specification	Quantity (In No's)	
1	Server	Enterprise Rack Server, 1U/2U, 24/7 operation	01 No's	
2	Processor	Intel Xeon E-2488		
3	Memory	64 GB ECC Server RAM, expandable		
4	Primary Storage	2 x 1 TB Enterprise SSD, RAID 1		
5	RAID Controller	Hardware RAID Controller with RAID 1, battery /Bash-backed cache preferred		
6	Network	Minimum 2 1GbE, 10GbE; upgrade capability preferred		
7	Remote Management	Enterprise remote management (iDRAC, iLO, XClarity or equivalent)		
8	Power Supply	Redundant Power Supply, hot-swappable preferred		
9	Cooling	Enterprise redundant cooling		
10	Operating System	Microsoft Windows Server 2022		
11	Backup HDD	4 TB External USB 3 x HDD		
12	Backup Software	Automated server backup, incremental + full backup, multiple recovery points, file & full-system recovery		
13	UPS	Online-Line-Interactive UPS, suitably sized for server + network equipment		
14	Installation	Server setup, RAID configuration, OS installation and backup configuration		
15	Warranty	Minimum 3-year server warranty, HDD/UPS warranty to be specified		
(4) FLATBED SCANNER				
S. No.	Components/Features	Description	Quantity (In No's)	
1	Optical Resolution	2400 x 2400 DPI	02 No's	
2	Scan Speed (A4, 300 DPI, Colour)	Approx. 10 seconds		
3	Scan Speed (A4, 600 DPI, Colour)	Approx. 5 seconds		
4	Preview Speed	Approx. 9 seconds		
5	Maximum Document Size	A4 Letter (216 X 297 mm)		
6	Light Source	3-colour RGB LED		
7	Dimensions	250 x 365 x 42 mm (approx. 9.9 x 14.5 x 1.7 inches)		
8	Weight:	1.7 Kg (3.6 lbs)		
9	Interface:	USB 2.0 Hi-Speed Mini-B		
10	Power Supply	Supplied via USB port (no external adapter required)		
11	Power Consumption	Approx. 4.5 W (maximum in operation), approx. 0.3 W (standby)		
12	Special Features	4 EZ-Scan buttons (PDF, Auto Scan, Copy, Send) and an Advanced 2-Id that elevates up to 21 mm for thick books or magazines.		
13	Warranty	01 Year Warranty		
(6) Color Printer				
S. No.	Parameter	Specification		Quantity (In No's)
1	Printing Method	Inkjet	02 No's	
2	Nozzle Configuration	309 Nozzles, each color (CMYK)		
3	Resolution	5760 x 1440 DPI		
4	Min. Ink Drop Volume	1.5pl		
5	Speed A4 1 Draft Text	77 fpm		
6	Speed ISO 247 A4	5 fpm		
7	Paper Capacity	120 Sheets A4 75 gram		
8	Output Capacity	50 Sheets A4 75 gram		
9	Paper Size	A4 upto Legal		
10	USB	Hi Speed USB 2.0		
11	Operating Systems	Windows XP / 7 / 8 / 10 Mac OS X 10.6.8 or later		
(8) CONSUMABLE STATIONERY ITEMS:-				
S/No	DESCRIPTION	Quantity (In No's)		
1	Toner HP LaserJet M402d (26A)	24		
2	Toner HP LaserJet M4003dn	06		
3	Printer Ribbon LQ-2180	12		
4	Blank off white plain paper (A-4 Size 220 Gram, Cream Color)	12		
5	Paper Rim A-4 Size 80 GSM (Imported)	80		
6	Paper Rim Legal Size 80 GSM (Imported)	25		

2. E-bidding documents as per regulations, containing detailed terms and conditions, and requirements etc.: are available at www.eprocure.gov.pk.

3. The electronic bids must be submitted by using EPADS on or before **20th October 2026 (Tuesday)** at **11:00 am**. Manual bids shall not be accepted. Electronic Bids will be opened on the **same day at 11:30 am**. The bidder shall furnish a fixed amount of bid security not exceeding 5% five percent of the estimated value of procurement determined by the procuring agency. The Competent Authority reserves the right to accept or reject the tender as a whole or partially, as per Rule 33 of Public Procurement Regulatory Authority Rules, 2004.

4. Only the vendors/interested bidders would be entertained who applied through EPADS otherwise their bidding documents will not be accepted at any cost.

Terms & Conditions

1. **Earnest Money/Bid Security:** The bidders shall furnish 5% bid security of the estimated value of procurement determined by the procuring agency. The bid security shall be in the form of a Bank Draft / Pay Order in favor of Registrar National Council for Homoeopathy Rawalpindi. The Bid Security of unsuccessful bidders will be returned back.

2. **Deadline for Submission of Offers:** The electronic bids must be submitted by using EPADS on or before **20th October-2026 (Tuesday)** at **11:00 AM** and will be opened on same day at **11:30 AM**.

3. **Details of Clients & proven record of after sale and service is required.**

4. **Bidding Procedure:**

a) Single-stage two envelopes i.e. Technical and Financial. b) Technical Proposal submitted by the bidder shall be opened first. c) The Financial Proposal would be opened for those bidders which found technically qualified.

5. **Documents Comprising the Bid:** The Proposal comprises two envelopes, be submitted simultaneously on EPADS, one containing Technical Proposal and other Financial Proposal.

6. **The Technical Proposal shall contain the following:-**

(i) Schedule of Major Items of Equipment's / Instruments. (ii) Copy of Bid Security.

(iii) Technical Details / Brochures of quoted items.

b) The Financial Proposal shall contain the following:-

(i) Price Proposal / Quotations. (ii) Bid Security (Original). (iii) Schedule of Prices:

6. Incomplete or late received Bid/Offers will not be entertained. Only the vendors/interested bidders would be entertained who applied through EPADS otherwise their bidding documents will not be accepted at any cost.

7. The Buyer shall have the right to increase or decrease the quantity. 8. Submission of any false statement /document including concealing of information will likely to disqualify the bidder. 9. Any Bid in deviation violation without Earnest Money would liable to be rejected.

Registrar: (Aamir Nadeem Ramay), National Council for Homoeopathy

Phone No. 051/5409003

PID (1) 301822

IT EQUIPMENTS

(2) Desktop Computer (As a server)

S. No.	COMPONENT	REQUIRED SPECIFICATION	Quantity (In No's)
1	Server	Enterprise Rack Server, 1U/2U, 24.7 operation	01 No's
2	Processor	Intel Xeon E-2488	
3	Memory	64 GB ECC Server RAM, expandable	
4	Primary Storage	2 x 1 TB Enterprise SSD, RAID 1	
5	RAID Controller	Hardware RAID Controller with RAID 1, battery/Bash-backed cache preferred	
6	Network	Minimum 2 x 10GbE, 10GbE/ upgrade capability preferred	
7	Remote Management	Enterprise remote management (iDRAC / iLO / NC/lanity or equivalent)	
8	Power Supply	Redundant Power Supply, hot-swappable preferred	
9	Cooling	Enterprise redundant cooling	
10	Operating System	Microsoft Windows Server 2022	
11	Backup HDD	4 TB External USB 3.x HDD	
12	Backup Software	Automated server backup, incremental + full backup, multiple recovery points, file & full-sector recovery	
13	UPS	Online Line-Interactive UPS, suitably sized for server + network equipment	
14	Installation	Server setup, RAID configuration, OS installation and backup configuration	01 No's
15	Warranty	Minimum 3-year server warranty, HDD-UPS warranty to be specified	

(4) FLATBED SCANNER

S. No.	Component/Features	Description	Quantity (In No's)
1	Optical Resolution	2400 x 2400 DPI	02 No's
2	Scan Speed (A4, 300 DPI, Colour)	Approx. 10 seconds	
3	Scan Speed (A4, 300 DPI, Colour)	Approx. 5 seconds	
4	Preview Speed	Approx. 9 seconds	
5	Maximum Document Size	A1+ (approx. C16 x 297 mm)	
6	Light Source	3-colour RGB LED	
7	Dimensions	250 x 367 x 42 mm (approx. 9.9 x 14.5 x 1.7 inches)	
8	Weight	1.7 kg (3.6 lbs)	
9	Interface	USB 2.0 Hi-Speed Mini-B	
10	Power Supply	Supplied via USB port (no external adapter required)	
11	Power Consumption	Approx. 4.5 W (maximum in operation), approx. 0.3 W (standby)	
12	Special Features	4 EZ-Scan buttons (PDF, Auto Scan, Copy, Send) and an Advanced 2-in-1 that elevates up to 21 mm for thick books or magazines.	
13	Warranty	01 Year Warranty	

(6) Color Printer

S. No.	Parameter	Specification	Quantity (In No's)
1	Printing Method	Inkjet	02 No's
2	Nozzle Configuration	99 Nozzles each color (CMYK)	
3	Resolution	5760 x 1440 DPI	
4	Min. Ink Drop Volume	1.5 pl	
5	Speed-A4 Draft Text	37 PPM	
6	Speed ISO 24734	5 PPM	
7	Paper Capacity	120 Sheets A-4 75 gram	
8	Output Capacity	50 Sheets A-4 75 gram	
9	Paper Size	A-4 upto Legal	
10	USB	Hi-Speed USB 2.0	
11	Operating Systems	Windows XP / 7 / 8 / 10 Mac OS X 10.6.8 or later	

(8) CONSUMABLE STATIONERY ITEMS:-

S/No	DESCRIPTION	Quantity (In No's)
1	Toner HP Laserjet M402d (26A)	24
2	Toner HP Laserjet M4003dn	06
3	Printer Ribbon LQ-2180	12
4	Blank off white plain cards (A-4 Size 220 Gram, Cream Color)	12,000
5	Paper Rim A-4 Size 80 GSM (Imported)	80
6	Paper Rim Legal Size 80 GSM (Imported)	25

2. E-bidding documents as per regulations, containing detailed terms and conditions, and requirements etc., are available at www.eprocure.gov.pk.

3. The electronic bids must be submitted by using EPADS on or before **20th October 2026 (Tuesday)** at 11:00 am. Manual bids shall not be accepted. Electronic Bids will be opened on the same day at 11:30 am. The bidder shall furnish a fixed amount of bid security not exceeding 5% five percent of the estimated value of procurement determined by the procuring agency. The Competent Authority reserves the right to accept or reject the tender as a whole or partially, as per Rule 33 of Public Procurement Regulatory Authority Rules, 2004.

4. Only the vendors/interested bidders would be entertained who applied through EPADS otherwise their bidding documents will not be accepted at any cost.

Terms & Conditions

1. **Earnest Money/Bid Security:** The bidders shall furnish 5% bid security of the estimated value of procurement determined by the procuring agency. The bid security shall be in the form of a Bank Draft / Pay Order in favor of Registrar National Council for Homoeopathy Rawalpindi. The Bid Security of unsuccessful bidders will be returned back.

2. **Deadline for Submission of Offers:** The electronic bids must be submitted by using EPADS on or before **20th October-2026 (Tuesday)** at 11:00 am and will be opened on same day at 11:30 am.

3. **Details of Clients & proven record of after sale and service is required.**

4. Bidding Procedure:

a) Single-stage two envelopes i.e. Technical and Financial. b) Technical Proposal submitted by the bidder shall be opened first. c) The Financial Proposal would be opened for those bidders which found technically qualified.

5. **Documents Comprising the Bid:** The Proposal comprises two envelopes, to be submitted simultaneously on EPADS, one containing Technical Proposal and other Financial proposal.

a) The Technical Proposal shall contain the following:-

(i) Schedule of Major Items of Equipment's / Instruments. (ii) Copy of Bid Security.

(iii) Technical details / Brochures of quoted items.

b) The Financial Proposal shall contain the following:-

(i) Price Proposal / Quotations. (ii) Bid Security (Original). (iii) Schedule of Prices:

6. Incomplete or late received Bid/offer will not be entertained. Only the vendors/interested bidders would be entertained who applied through EPADS otherwise their bidding documents will not be accepted at any cost.

7. The Buyer shall have the right to increase or decrease the quantity. 8. Submission of any false statement / document including concealing of information will likely to disqualify the bidder. 9. Any Bid found in deviation / violation without Earnest Money would be liable to be rejected.

Registrar: (Aamir Nadeem Ramay), National Council for Homoeopathy

Phone No. 051/5409003

PID (I) 3018/26

