



**The Bhagirathi Co-operative Milk Producers' Union Limited**  
(A Govt. of West Bengal Project)

BU/MIS/ICT/0417

Date: 27.06.2026

**NOTICE INVITING QUOTATION**

The Bhagirathi Cooperative Milk Producers' Union Limited Invites Offline Quotations from authorized dealers, reputed suppliers, firms, companies or service providers for the Supply, Installation, testing and Commissioning of ICT Equipment for MIS Department. Therefore, you are requested to quote your lowest rate. The specifications, quantity and makes of items to be purchased are given below:

Sl. No.	ITEMS	QUANTITY	SPECIFICATIONS
1.	2KVA Online UPS	1 no(s)	As per Annexure-A
2.	Router (Load Balancing, Firewall based failover proof)	1 no(s)	
3.	24-port Gigabit Switch with 4 SFP Slots	1 no(s)	
4.	Android Smartphone	1 no(s)	

**Important Date and Time Schedule**

Sl. No.	PARTICULAR	DATE & TIME
1.	Date of Publication of NIQ	27.06.2026 at 1500 hours
2.	Quotation submission starts date & time	27.06.2026 at 1600 hours
3.	Last date & time of submission of Quotation	09.07.2026 at 1600 hours
4.	Date & Time of opening of Quotation in the office of the Managing Director BCMPUL in the presence of willing bidders.	10.07.2025 at 1630 hours

**General Terms & Conditions:**

1. The bidders are required to go through the Terms & Condition carefully, understand the requirement and then quote the most competitive rate in sealed envelope addressed to the Managing Director, The Bhagirathi Cooperative Milk Producers' Union Limited, Feeder Dairy, Panchanantala, Berhampore, Murshidabad, 742101 (WB).
2. Quotation shall only be accepted in sealed envelope subscribing the Quotation No. and Date. No quotations shall be accepted through mail incomplete quotations are liable to be rejected.
3. **Price:** Price quoted by the bidder should be inclusive of all taxes, levies, packing, forwarding, freight, delivery, installation, commissioning, and any other incidental charges, F.O.R. The Bhagirathi Co-operative Milk Producers' Union Limited, and in adherence to the payment terms and other general terms and conditions enshrined in this NIQ. No escalation in price will be considered after submission of bids.
4. **Validity of the Offer:** The offer once submitted will be valid for 60 days from the last date of submission as specified in this Notice.



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5. Participating bidders are required to provide the following documents along with the price bids:
- Copy of NIQ duly signed and Sealed as a token of acceptance of all terms and conditions in the NIQ.
  - GST Registration Certificate
  - Rate must be quoted by the bidder as per ANNEXURE-B

Failure to submit the above mandatory documents shall lead to rejection of the Quotation.

6. **Payment:** Payment shall be made in NEFT/RTGS within 45 days after successful delivery in good condition and installation of the equipments duly certified by the concerned official and approved by the Competent Authority.
7. **Time of Completion:** The materials must be delivered and installed within 07 days from the date of placement of the work order/award of contract.
8. **Inspection:** The Milk Union shall conduct qualitative and quantitative inspection. Bidding firm must provide technical literature of equipment supplied. The material received if found to be of substandard quality or having manufacturing defect must be replaced upon mutual inspection. In case material does not conform to the technical specification stipulated in the Notice the material shall not be accepted.
9. **Liquidated damages:** Liquidated damages @ 0.5% of the total cost of the contract per week shall be deducted from the contractor subjected to a maximum of 10% of the total cost if there is any delay in completion of the work attributed to the supplier. Any habitual delay beyond the specified time of completion of the job shall lead to the termination of contract and forfeiture of Security Deposit.
10. **Warranty & Support:** Warranty as stipulated in Annexure-A. Complaints must be addressed within 48 hours.
11. **Documentation:** Supplier must provide technical specifications, device literature, user manuals along with 3 copies of invoice.
12. In case of any dispute between the Milk Union and the bidder the decision of the Milk Union shall be final and binding.
13. The Managing Director reserves full right to accept/reject any or all quotations or cancel the process at any point of time without assigning reason.

**Sd/-**

Managing Director  
The Bhagirathi Cooperative  
Milk Producers' Union Limited



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**ANNEXURE-A**

**1. 2 KVA Online UPS**

<b>Parameter</b>	<b>Specification</b>
Make	Numeric Valura
UPS Type	True Online Double Conversion (VFI-SS-111)
Capacity	2 kVA / 1600 W
Input Phase	Single Phase
Output Phase	Single Phase
Input Voltage Range	110-280 VAC (depending on load) / up to 300 VAC for IBB model
Nominal Input Voltage	230 VAC
Input Frequency	40-70 Hz
Input Power Factor	$\geq 0.99$ (External Battery Model) / $\geq 0.90$ (IBB Model)
Input Current THD	$< 10\%$
Output Voltage	220/230/240 VAC selectable
Output Voltage Regulation	$\pm 1\%$
Output Frequency	50 Hz / 60 Hz selectable
Frequency Stability (Battery Mode)	$\pm 0.25$ Hz
Waveform	Pure Sine Wave
Output Power Factor	0.8 Leading to 0.8 Lagging
Crest Factor	3:1
Output Voltage THD	$< 2\%$ (Linear Load); $< 6\%$ (Non-linear Load)
Transfer Time	Zero (Online Mode)
Overload Capacity	105-110% for 10 min; 111-130% for 1-2 min; $> 130\%$ for 3-30 sec
Efficiency	$\geq 87\%$ (Online Mode), up to 97-98% (ECO Mode)
Battery Type	VRLA SMF / Tubular (External Battery Model) or In-built VRLA Batteries (IBB Model)
Battery Voltage	48 VDC (IBB) / 72-96 VDC depending on external battery configuration
Battery Recharge Time	$\leq 4$ hours to 90% capacity
Charging Method	Constant Current/Constant Voltage
Display	LCD Display
Communication Ports	USB, RS232
Optional Communication	SNMP, Modbus, Dry Contact
Protection	Input/Output Over Voltage, Under Voltage, Short Circuit, Overload, Battery Deep Discharge, Surge Protection
Audible Alarm	Battery Mode, Low Battery, Overload, Fault
Operating Temperature	0-40C
Relative Humidity	Up to 90% non-condensing
Enclosure Protection	IP20
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3
Certifications	PEP Certified
Compatibility	Generator Compatible, Solar Compatible
Additional Features	Auto Restart, ECO Mode, Battery Cold Start, Intelligent Battery Management, DSP Controller
Warranty	2 years



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### 2. Router (TP-Link TL-R605)

Parameter	Specification
Make & Model	TP-Link TL-R605 Gigabit Multi-WAN VPN Router
Product Type	Gigabit Multi-WAN VPN Router
WAN Ports	1 x Fixed Gigabit WAN Port
LAN Ports	1 x Fixed Gigabit LAN Port
Configurable Ports	3 x Gigabit WAN/LAN Ports
Total Ethernet Ports	5 x 10/100/1000 Mbps RJ45 Ports
Network Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x, IEEE 802.1Q
Routing Features	Multi-WAN Load Balancing, Link Backup, Policy Routing, Static Routing
WAN Connection Types	Static IP, Dynamic IP, PPPoE, PPTP, L2TP
VPN Support	IPsec, OpenVPN, L2TP, PPTP
VPN Capacity	Up to 20 IPsec, 16 OpenVPN, 16 L2TP, 16 PPTP VPN Tunnels
Firewall	SPI Firewall, DoS Protection, IP/MAC/URL Filtering, ACL
VLAN	IEEE 802.1Q VLAN Support
NAT Features	One-to-One NAT, Multi-Net NAT, Virtual Server, Port Forwarding, UPnP
DHCP	DHCP Server/Client, Address Reservation
Load Balancing	Intelligent Load Balancing with Automatic Failover
Concurrent Sessions	Up to 25,000
IPsec VPN Throughput	Up to 41.5 Mbps
Management	Standalone Web UI, Omada SDN Controller, Omada Cloud, Mobile App
Communication Protocols	HTTP, HTTPS, SNMP
LED Indicators	Power, System, WAN, LAN
Reset	Reset Button
Power Supply	External 9 V DC Adapter
Memory	128 MB DRAM, 16 MB Flash
Dimensions	158 x 101 x 25 mm
Operating Features	Centralized Cloud Management, Zero-Touch Provisioning (with Omada Controller), Remote Monitoring
Security Features	VPN Passthrough, Access Control Lists (ACL), Bandwidth Control, Session Limit, ARP Protection
Operating Temperature	0C to 40C
Standards	IEEE 802.3 Series, IEEE 802.1Q
Warranty	Minimum 3 Years Manufacturer Warranty

### 3. 24-port Gigabit Switch with 4 SFP Slots (TP-Link TL-SG3428/Equivalent)

Parameter	Specification
Make Model	TP-Link TL-SG3428/Equivalent
Switch Type	Layer 2+ Managed Gigabit Switch
Ethernet Ports	24 x 10/100/1000 Mbps RJ45 Ports
Uplink Ports	4 x Gigabit SFP Slots
Console Ports	1 x RJ45 Console, 1 x Micro-USB Console
Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
MAC Address Table	Minimum 16K Entries
Jumbo Frame	9 KB



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VLAN Support	IEEE 802.1Q VLAN, Voice VLAN, Private VLAN, QinQ
Layer 2 Features	STP/RSTP/MSTP, LACP, IGMP Snooping, Port Mirroring, Loop Detection, Storm Control
Layer 3 Features	Static Routing, DHCP Server, DHCP Relay, IPv4/IPv6 Interfaces
QoS	L2/L3/L4 QoS, 8 Priority Queues, DSCP, 802.1p, Bandwidth Control
Security	802.1X, ACL, IP-MAC-Port Binding, DHCP Snooping, DoS Protection, Port Security, Radius/TACACS+
IPv6 Support	Dual Stack IPv4/IPv6, IPv6 ACL, MLD Snooping, Static IPv6 Routing
Management	Web GUI, CLI (Console/Telnet/SSH), SNMP v1/v2c/v3, RMON
SDN Integration	Omada SDN Cloud Management Compatible
Cloud Management	Supported (via Omada Controller)
Link Aggregation	IEEE 802.3ad LACP
Flow Control	IEEE 802.3x
Power Supply	100-240 V AC, 50/60 Hz
Maximum Power Consumption	<=20 W
Mounting	19-inch Rack Mountable
Operating Temperature	0C to 45C
Operating Humidity	10-90% RH (Non-condensing)
Dimensions	440 x 180 x 44 mm (1U Rack Mount)
Certifications	CE, FCC, RoHS
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1Q, 802.1p, 802.1X, 802.3ad
Warranty	Minimum 3 Years Manufacturer Warranty

#### 4. Android Smartphone

Parameter	Minimum Technical Requirement
Operating System	Android 15 or later
Processor	Qualcomm Snapdragon / MediaTek Dimensity or equivalent Octa-core Processor
Processor Speed	Minimum 2.4 GHz Prime Core
RAM	Minimum 8 GB LPDDR4X/LPDDR5
Internal Storage	Minimum 256 GB UFS 2.2/UFS 3.1
Expandable Storage	Optional
Display Type	AMOLED / Super AMOLED / OLED
Display Size	Minimum 6.6 inches
Display Resolution	FHD+ (1080 x 2400) or higher
Refresh Rate	Minimum 120 Hz
Touch Sampling Rate	Minimum 240 Hz
Rear Camera	Minimum 50 MP with AI features
Front Camera	Minimum 16 MP
Battery Capacity	Minimum 6000 mAh
Fast Charging	45 W to 60 W wired fast charging
Network	Dual SIM, 5G/4G VoLTE/3G/2G
Connectivity	Wi-Fi 6 or higher, Bluetooth 5.2 or higher, NFC (preferred), USB Type-C
Security	In-display Fingerprint Sensor and Face Unlock



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Navigation	GPS, GLONASS, Galileo, NavIC
Audio	Stereo Speakers
Build Protection	Gorilla Glass or equivalent
IP Rating	IP 68
Warranty	Minimum 1 Year Manufacturer Warranty
Accessories	USB Type-C Cable, Fast Charger (45-60 W), SIM Ejector Tool, Protective Case (if supplied by OEM), User Manual

**Sd/-**  
Managing Director  
The Bhagirathi Cooperative  
Milk Producers' Union Limited



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**ANNEXURE-B**

**Commercial Offer**

The Managing Director  
The Bhagirathi Cooperative Milk Producers Union Limited  
Feeder Dairy Panchanantala  
Berhampore, Mursidabad  
Pin-742165

**Sub: Offer against NIQ: BU/MIS/ICT/0417 dated 27.06.2026**

Sir,

I have read the entire NIQ document understood the terms and conditions and thereby quote my best rate/offer as follows:

<b>SL. No.</b>	<b>Particulars</b>	<b>Make &amp; Model offered</b>	<b>Basic Price (Rs.)</b>	<b>GST</b>	<b>Total</b>
1	2KVA Online UPS	To be furnished by the bidder	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder
2	Router (TP-Link TL-R605)	To be furnished by the bidder	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder
3	24-port Gigabit Switch with 4 SFP Slots (TP-Link TL-SG3428)	To be furnished by the bidder	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder
4	Android Smartphone	To be furnished by the bidder	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder

I agree to abide by the terms and conditions of the Tender Notice.

**Signature of the bidder/authorized signatory with date**