

# उत्तर बिहार ग्रामीण बैंक

प्रधान कार्यालय, कलमबाग चौक,  
मुजफ्फरपुर, बिहार, 842 001



## Uttar Bihar Gramin Bank

HEAD OFFICE, KALAMBAGH CHOWK,  
MUZAFFARPUR, BIHAR, 842 001

(Sponsored By :: Central Bank of India)

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Head Office

Tender No. GAD/12/2019-20/1799

Date :: 28.02.2019

Sub:: **03/05 KVA single phase on-line UPS System for Computer and equipment.**

**Sealed tenders** in two bid systems (**Technical Bid & Financial bid**) are invited from reputed vendors for UPS of 3KVA and UPS of 05 KVA single phase on-line UPS system of following specifications & Accessories. The tender should be submitted on plain paper or Letter Head in two separate sealed envelops containing **technical bid** and **financial bid**. These two sealed envelops should then be enclosed in a single envelope and sealed. Complete tender bids should reach by **25.03.2020 till 02.30 P.M.** The technical bid will be opened on **25.03.2020 at 3.30 P.M.** The financial bid of only those tenderers will be opened who comply with the technical specifications.

**Last date of Submission: 25.03.2020 till 02.30 P.M**

**Date of Opening of technical bid: 25.03.2020 at 3.30 P.M.** Intending bidders may present in opening of technical bids.

### TECHNICAL SPECIFICATION FOR ON-LINE UPS SYSTEM

SN	ITEM	SPECIFICATIONS
1	<b>CAPACITY</b>	03/05 KVA for two hours back up.
2	<b>MODEL / MAKE</b>	Should be Provided
3	<b>TECHNOLOGY</b>	DSP Design/Microprocessor/PWM With IGBT
4	<b>WAVE FORM</b>	Pure Sine Wave
5	<b>INPUT</b>	Isolation Transfer required.
	Input Voltage Range	160 V AC to 270 V, AC Single Phase
	Input Frequency Range	50 Hz +/- 4 %
6	<b>PROTECTION</b>	
	Input Over Voltage Protection	Should be Provided
	Input Under Voltage Protection	Should be Provided
	Over voltage cut off	Should be provided.
	Surge Protection	Should be provided.
	Short circuit protection	Should be provided
	Over Temperature	Should be provided
	Low Battery	Should be provided
	Battery over charge	Should be provided
7	<b>OUTPUT</b>	
	Output Voltage	220 V AC Single phase +/- 1
	Frequency	50 Hz, +/- 0.05 Hz (Free running)
	Over load capacity	120% for 1 minute, 150% for 1 Second
	Total Harmonic Distortion	Less than 3%
	Crest Factor	3:1
	Manual and Auto Bypass Switch	Should be provided

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**Digital meter shall be provided for monitoring the following parameters in UPS**

- 04. Input AC Voltage.
- 05. Output AC Voltage current and frequency
- 06. Battery Voltage and current

**8 INDICATORS**

Battery & Load level indicator	Should be Provided
On Line	Should be Provided
On Battery	Should be Provided
Replace battery	Should be Provided
Over Load	Should be Provided
Bypass	Should be Provided
Fault	Should be Provided

**9 MISCELLANEOUS**

Overall efficiency	> 85%
Inverter efficiency	> 90%

**10 BATTERY**

Battery Type	Sealed Maintenance Free VRLA
Each Battery Voltage	12V each.
Batteries Make	Bidder to specify
Total DC Bus Voltage nominal	Minimum 96 VDC
Back up time	120 Minutes
Minimum VAH	For 3KVA 9600 VAH & 5KVA 16000 VAH
Number of Battery Banks	Bidder to specify
Number of Battery	Bidder to specify
Ah rating of each Battery	Bidder to specify
Battery warrantee	Min. 03 years
Minimum Charger Capacity	Bidder to specify
Charger Capacity (External & Internal)	Bidder to specify
Battery Housing	Cabinet / Battery Rack
Cable Set	Should be Provided

**11 AUDIBLE ALARM**

On Battery	Should be Provided
Low Battery	Should be Provided
Over Load	Should be Provided
Fault	Should be Provided
Mains failure	Should be Provided

**12 ENVIRONMENTAL**

Operating Temperature	0- 40 C
Humidity	90% RH non-condensing.
Noise Level	< 55 dB at from 1 m distance

**14 SERVICE POLICY**

Service should be given immediately for achieving maximum uptime.

**15 COSTUMER CARE SERVICE**

Service centers should be established within our Bank's area (24x7 Call Centre)

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**Terms & Conditions:**

**Payment:** 90% against delivery and successful installation will be paid by Head Office 10% after six months after the date of installation on satisfactory performance.

**Warranty of UPS:** Minimum 03 years Warranty for UPS. No additional charges to Uttar Bihar Gramin Bank for replacement of any parts or labour charges.

**Warranty of Battery :** 03 years. No additional charge to Uttar Bihar Gramin Bank for replacement of battery within 03 years.

**AMC :** The quotation must include Annual Maintenance after expiry of 03 years warranty period.

**Dispute :** All disputes will be subject matter of the jurisdiction of the Court situated at Muzaffarpur ( Bihar ).

**Delivery :** Delivery of UPS is to be done at the installation site /location under Uttar Bihar Gramin Bank operational area provided by Bank without charging any extra cost.

**Certification :** The UPS Company should have ISO 9001&14001 certification & BIS Approved ( copy should be enclosed)

**Note:**

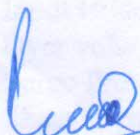
- The tender should accompany a compliance chart.
- The rate should be exclusive of all taxes.
- The rate of UPS should be quoted with battery and without battery also.
- The rate should be inclusive of all charges, transportation, installation, etc.
- The model number, make, and a printed literature of the product shall be submitted positively
- Number of installations with a list of customers (with proper documents) of such equipment in India in last five years.
- Authorized Dealership Certificate is must, in case principal manufacturing company is not quoting directly.
- The tender notice number and the name of the instrument should clearly be written on envelope.
- Technical support in Muzaffarpur be available with other Centre/districts of North Bihar.
- Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
- The Bank authority does not bind itself to accept the lowest tender /bid.
- The Bank reserves the right to reject any or all of the tenders received without assigning any reason thereof.
- Conditional/incomplete documentation shall be summarily rejected.



- Rate approved should be valid for one year and it will be binding on company to supply the product on contracted rates.
- The cost of tender is Rs.500/- ( Five hundred) only must accompany all tender in form of DD in favour of Uttar Bihar Gramin Bank, payable at Muzaffarpur.
- Earnest Money Deposit of Rs.50000/- only must accompany all tender offers as specified in the tender document. DD must be in favour of "Uttar Bihar Gramin Bank" payable at Muzaffarpur.
- The manufacturer /bidder should have support centres/infrastructure for providing services in all districts of North Bihar particularly in Uttar Bihar Gramin Bank operational area i.e. 18 districts.
- The tenderer should have executed one single order of minimum Rs.1.00 Crore or 02 orders of minimum Rs.50.00 lacs in the last three years to any Banks or Govt. Institutions across the country. (Proof of order should be attached). Certificate of supply should be also enclosed.
- The manufacturer/tenderer should not have been delisted by any Public Sector Banks /Govt. Institutions in last 05 years.
- Audited Balance sheet and P/L of last 03 years be attached.
- Tenderer should have been profit making in last 03 years.
- Tenderer should enclose copy of PAN and VAT and Company profile.
- Tenderer should enclose a letter of satisfaction for maintenance of UPS issued by Banks where the tenderer have supplied and installed the UPS in past 3 years.

Address ::

General Manager  
Uttar Bihar Gramin Bank  
Head Office, Sharma Complex,  
Kalamabgh Chowk,  
Muzaffarpur – 842 001 ( Bihar )

  
( **Rajesh Kumar** )  
**GENERAL MANAGER**