

All Empaneled Vendor with us

CGB/CO/Infra/02/2026-27

Date – 06/04/2026

Dear Sir/ Madam,

Invitation of Annual Rate Contract Proposal for Supply and Installation of Online UPS, online UPS with battery, Invertor with battery and stabilizer

We invite Annual Rate Contract proposals for supply, installation, commissioning and maintenance of Uninterruptible Power Supply (UPS) Systems and Batteries, Inverter and Battery for the branches/offices situated all over Chhattisgarh, terms & conditions (Annexure - II), and Specification of UPS and inverter is given in Annexure-III,IV and Financial Bid (Annexure-IVA to IVJ).

The Proposals/Bids shall be placed in sealed envelopes super scribed as:

**“Annual Rate Contract Proposal for Supply and Installation of Online UPS, online UPS with battery, Invertor with battery and stabilizer for CHHATTISGARH GRAMIN BANK”
(Private & Confidential)**

Should be submitted to the

**General Manager,
Chhattisgarh Gramin Bank
Corporate Office
Plot NO. 47, Sector -24, Atal Nagar,
Nava Raipur (C.G) 492018**

No Pre-Bid meeting will be conducted, however if any vendor having any query they can email their query to infra.ho@cgb.bank.in.

Please arrange to submit your best offer with complete Details/Brochure by **18/04/2026** by **3:00 pm** sharp. Received quotations will be opened at **1:00 pm** on **21/04/2026**.

Yours Faithfully

Senior Manager (Infra)



Annexure-I

To,

General Manager,
Chhattisgarh Gramin Bank
Corporate Office
Plot NO. 47, Sector -24, Atal Nagar,
Nava Raipur (C.G) 492018

Sir,

Quotation for Supply Supply and Installation of Online UPS, Online UPS with battery, Invertor with battery and stabilizer

With reference to your letter CGB/CO/Infra/41/2026-27 Dated -06/04/2026

We submit necessary information herewith

1. Name & address of the Company:
(With Mobile numbers)

2. Name of Head/Chief of the company:

3. Email Address:

4. Income Tax PAN

5. GSTIN

DECLARATION

1. I/We hereby declare that the terms and conditions of the offer stated herein and as may be modified/mutually agreed upon are acceptable and binding to me/us.

2. We assure to comply with specification. Parts will be original, no duplicate or old/used parts will be supplied.

3. We undertake that SMF batteries and Tubular batteries of brand Battery of Amara Raja Quanta / Panasonic / Exide will be provided.

4. We undertake to give a service commitment along with availability of spare parts for at least five years.



5. We undertake that UPS System and inverter will be installed at respective sites/branches. Proper service/support centre(s) will be provided by our qualified service engineers and wherever found necessary service/support will be set-up in close proximity to the branches.

6. In view of the critically at any time UPS Systems will be kept by vendor in efficient running condition. Immediate replacement of defective parts will be done with a view to ensuring at least 98% uptime of UPS.

7. Quarterly preventive maintenance (PM) will be carried out during the two year warranty vendor shall have to check batteries voltage, earthing and other required parameters. Branch-wise report of such PM will be sent quarterly to Regional Offices of CGB.

8. Complaints of repairing / fault will be resolved within 24 hours of receipt from branches/offices. This lead time for making the faulty UPS system operational will include travel time of service personnel.

For, -----

(Signature of authorized Signatory)

Name –

Designation –

Place –

Date

Company Stamp

Mobile No –

Email

List of Documents Attached –

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. Service Center Details (existing)



GENERAL TERMS AND CONDITIONS

1. No tenders shall be accepted after the stipulated date and time. Bank reserves the right to accept or reject the entire quotation, without assigning any reason thereof at any stage.
2. Necessary documents should be attached with offer.
3. Validity: Rates quoted shall be valid up to 6 months. The Bank, however, reserves the right to call for fresh quotations at any time during the period if considered necessary.
4. The "Financial Bid" should contain competitive prices of one UPS with number of batteries of AH mentioned in **Annexure-III** with suitable Rack to house Batteries.
5. Prices to be quoted must be inclusive of TWO years onsite warranty support, onsite installation, including transportation to respective locations. Prices shall be exclusive of GST. Please indicate the GST separately and it may be payable / applicable as per Govt norms.
6. Order will be placed in phased manner. Delivery of UPS Systems & installation thereof to be made at our different location of branches/offices as suggested by CGB. **Delivery shall be made within 10 days strictly from date of purchase order.** Any delay will be penalized @1% of the order value per week of delay or part thereof. Amount of penalty so calculated will be deducted at the time of making initial payment.
7. Product Brochures and technical literature should invariably be attached with technical bid.
8. The rates quoted once will be treated as final. No alteration either in rates or in term & conditions will be entertained.
9. The successful bidder(s) to whom the work is awarded will be under direct liaison of the representative of CGB, Corporate Office Nava Raipur and has to follow his instructions from time to time.
10. In case of any dispute, decision of CGB authority shall be final and abiding to the vendor.
11. Bank reserves the right to accept the offer of only one vendor in full or more than one vendor in part or reject any or all quotations, without assigning any reason therefore and irrespective of L1 criteria, at any stage
12. The bidder(s) will not be permitted to assign or give sub contract of the work awarded to him without prior permission from CGB authority. The decision of CGB authorities in this regard shall be final and binding to the vendors/bidders.
13. The vendor(s) must meet necessary statutory and legal compliances. CGB will not be responsible for any legal action arising out of non-compliance to statutory & other similar legal compliances.



14. No attempt shall be made by the vendor(s) or their staff deputed at CGB to unlawfully reveal, misuse or encroach upon the intellectual or private data/information to which they have access.

15. Any loss or damage caused to the CGB property by the personnel deputed by the vendor will be recovered from payment of bill to the vendor and the decision of CGB authority in this matter will be treated as final and abiding to the vendor.

16. Bank may change the procurement process in case through GEM. The Bank reserves the right to procure the goods through GEM portal as per Government of India procurement guidelines. The empaneled vendor/Bidders shall have no objection to procurement being carried out through GEM portal participation in this tender shall be deemed as acceptance of this condition

17. Payment Terms:

- a) No Advance Payment will be made for any Purchase Order released.
- b) After satisfactory installation of UPS's at respective sites 90% of Invoice amount will be paid. Rest 10% will be paid on expiry of Warranty period i.e. 2 year.
- c) No payment, however, will become due in case of any short supply of equipment, delay in carrying out onsite installation.
- d) The necessary TDS will be made as per Central Government norms.
- e) In case of failure on the part of the vendors to provide warranty / sustain repair or maintenance work to the satisfaction of the Branch/Office, CGB authority reserves the right to forfeit 10% deposit amount kept as security deposit and any of the dues due to the vendor, terminate the contract with immediate effect and will be at liberty to get the work executed through a separate vendor at the risk and cost of the defaulting vendor.
- f) Bills/Invoices should be detailed/annexed serial number, Part Number branch-wise separately mentioning GST no., although prices to be quoted inclusive of all taxes with breakup.
- g) Damage during supply/shipment will not be accepted and payment will not be released. Supplier must replace the damage goods with 15 days.

18. SERVICE SUPPORT INFRASTRUCTURE:

- a) The vendor should guarantee continued service in the form of Warranty for a period of at least 24 Months. The following matrix of SLA needs to be adhered with financial penalties.

Sl. No.	Description	Response (during office hours)	Penalty
1	Call response and ticket number generation	30 minutes	
2	Call resolution time including Part replacement	0-24 hours Above 24 hours	No penalty Rs. 500/-per hour

- b) The penalty amount will be subject to a maximum of 15% of the order value for the period of warranty.
- c) Vendor will have to give an undertaking that a proper service/support center will be set-up in close proximity to our branches



d) Guaranteed uptime of 98% and availability of services/support shall be ensured by vendor.

e) Complaints of repairing/fault will have to be solved within 24 hours of receipt. This lead-time for making the faulty system operational will include travel time of service personnel.

f) The Vendors have more local Service Centre at CG state with adequate Inventory of Spares will be preferred.

19. Bank has right to award the purchase order region specific to vendor having sound service network in the region or proportionate in vendors, if they match the L-1 prices.

20. All legal disputes between the parties shall be subject to the exclusive jurisdiction of the Courts situated at RAIPUR.

ACCEPTED THE ABOVE TERMS & CONDITIONS

(Signature of authorized Signatory)

Name –

Designation –

Place - Company Stamp



ANNEXURE-III

Technical Specification (A to Z) of UPS of 3KVA & 5KVA & 10 KVA

- A. **Technology:** Online Double Conversion, Insulated Gate Bipolar Transistors (IGBT) Digital Signal Processing (DSP) based design Inbuilt Isolation Transformer (copper wire winding). Input to Output Isolation. Having EMI & RFI filter Static by-pass arrangement may be connected in such a way that the input and output sides shall always remain galvanic-ally isolated.
- B. Charger Built in solid state float-cum-boost charger with automatic boost/trickle charge modes with current limiting features. The charger characteristics shall be such as to match the float/boost charging of the batteries as per battery characteristic, for enhancing the life of batteries. The charger should be designed for at least 15% of the total battery current.
- C. Overload capacity 110% for 10 minutes & 150% for 1 minute during the test, the load should not get transferred to mains through static switch.
- D. Input Voltage (Range -30% to +30%) Single Phase Input 230V
- E. Input Frequency Auto Sensing Frequency Range - 45 - 55Hz
- F. Output Voltage - (Regulation +/- 1% Static, 5% for Dynamic Loads) Single Phase Output Range 220 - 230VAC
- G. Output Frequency (Frequency Regulation +/- 0.1% synchronized to battery) Frequency Range - 50 Hz
- H. Remote Monitoring / Power Mgmt facility - Capability to add management cards Internal SNMP Card Slot (Provision) for monitoring thru web remotely (Optional).
- I. Interface - RS 232 / USB DOS/Unix/Netware with necessary H/W and S/W Power Management software to be compatible with Windows server/XP/VISTA /Seven
- J. Output Wave Form Pure Sinusoidal
- K. Crest Factor < 3:01
- L. Overload ratings 105% infinite.
- M. Transfer Time (with Full Load) < 0ms
- N. Protection -
- Isolation – Output shall be fully isolated from mains and Spike and Surge suppressors to be incorporated
 - Soft start on Inverter and charger arrangement
 - Over voltage / under voltage protection.



- All other protection systems required for safety of UPS system, such as over temperature protection etc.

O. Bypass -

- Thyristor (Semi-conductor) based Static (Auto) by-pass switch.
- Manual by-pass switch Bi-directional with change over time less than 10 milliseconds in free running mode and Instantaneous in synchronous mode from Inverter to by-pass and vice-versa should be provided

P. Noise Level < 45DB

Q. Efficiency Overall at Full Load - 92% Minimum

R. Input Power Factor 0.95 PF and above

S. Output Power Factor 0.8 PF

T. Indication – LCD Display Input Mains ON, System Overload, Battery Low, Mains Fail, Inverter Fault, Inverter Trip, Battery Trip, Load on Battery, Load on Bypass

U. Alarm - Battery Low, Inverter ON (Mains Fail) Inverter Fault

V. Digital Metering - Output Voltage, Output Current etc.

W. LED - On line, On battery, Overload, Fault, Replace battery and bypass operation

X. Battery Make must be Amara Raja Quanta / Exide (SMF 12V)/Panasonic.

Y. Warranty Two Year On-Site on UPS and Two Year Onsite on Batteries.

Z. No. of Batteries as per VHA given below with suitable Rack to house Batteries.

Sl. No.	UPS Capacity	VAH Required
1	3 KVA	9600 VAH
2	5KVA	19200 VAH
3	10KVA	24000 VAH



Technical Specification (A to Z) – Power Inverter with Battery – Various Types

A – AC Output

Rated Output Voltage: 220–240 V AC (India standard)

Output Frequency: 50 Hz $\pm 1\%$ (India)

Waveform Type: Square Wave

Modified Sine Wave

B – Battery

Battery Types Flat Plate Lead Acid, Tubular Lead Acid, SMF (Sealed Maintenance Free), Gel VRLA

Lithium-ion (Li-ion, LiFePO₄)

Battery Voltage 12 V (single battery) 24 V / 48 V (series connection)

Battery Capacity Range: 150 Ah to 200 Ah

Typical Backup: 2 to 12 hours

Installation wiring 1.5mm to 2 mm wire of Havells, KEI, Polycab

C – Charging System Charging Mode: Constant Current (CC) , Constant Voltage (CV)

Charging Voltage: Lead Acid: 13.5–14.4 V, Lithium: As per BMS limits

Charging Current: 10 A – 50 A (model dependent)

D – Display & Indicators LED / LCD display

Indicators for: Mains ON, Battery Charging, Battery Low, Overload, Fault status

E – Efficiency

Inverter Efficiency: Modified Sine Wave: 80–88%, Pure Sine Wave: 85–95%

Charger Efficiency: Up to 90%

F – Frequency Stability $\pm 1\%$ deviation, Crystal-controlled oscillator for pure sine wave

G – Grid / Mains Input Input Voltage Range: 140 V – 280 V AC

Input Frequency: 50 Hz $\pm 5\%$

H – Harmonic Distortion (THD) Modified Sine Wave: 20–30%, Pure Sine Wave: <3% (ideal for electronics)

I – Input DC Parameters DC Voltage: 12 V / 24 V / 48 V

Maximum Input Current: Depends on VA rating

J – Junction Temperature Protection: Thermal sensors , Automatic shutdown at high temperature

K – kVA / VA Rating , Common Ratings: 600 VA, 800 VA, 1 kVA, 1.5 kVA, 2 kVA, 5 kVA+

Power Factor Typically: 0.8

L – Load Capacity: Lights, Fans, Computers



M – Mounting Floor mounted, Wall mounted (small capacity), Rack-mounted (industrial)

N – Noise Level Fan noise: <45 dB (normal load)
Smart fan control for low noise

O – Overload Protection 110–130% overload for short duration
Automatic shutdown & restart

P – Protections Short Circuit Protection, Overload Protection, Over Voltage Protection, Under Voltage Protection, Reverse Polarity Protection, Battery Deep Discharge Protection

Q – Quality Standards ISO 9001, CE, BIS (India), IEC 62040, RoHS compliance

R – Recharge Time : 6–10 hours for lead acid, 2–4 hours for lithium battery

S – Switching Time Typical: 10–20 ms, Zero transfer time in premium UPS-inverters

T – Technology PWM based, MOSFET or IGBT based, Microcontroller controlled, DSP controlled (high-end)

U – Utilization Areas Offices, Data Centers

V – Ventilation, Forced air cooling, Heat sink assisted, Temperature-controlled fan

W – Wiring & Terminals, Copper terminals, Battery cable thickness: 16 mm² – 50 mm² (depends on VA)

X – Expandability Parallel operation (select models) External battery banks

Y – Yield (Back up time) : $\text{Battery Ah} \times \text{Battery Vol} \times \text{Efficiency} / \text{Load (W)}$ / min 4 hrs to 8 hrs as per load

Z – Warranty Inverter: 2–5 years, Lead Acid Battery: 2–5 years, Lithium Battery: 5–10 years

** Installation, testing, and commissioning of inverter system connected through existing Distribution Board (DB), including necessary modifications, ensuring no interference with existing wiring and equipment.

Scope includes:

- Connection of inverter through dedicated circuit in DB with proper segregation from mains.
- Provision of suitable **isolation (kill switch)** of required rating for complete disconnection.
- Wiring using **FRLS copper cables (min. 2 sq.mm or as per load requirement)** including proper earthing.
- Ensuring no back feeding or interference with existing electrical systems as per commercial/banking standards.
- Necessary labelling, testing, and commissioning.



Financial BID

3.0 KVA (Total VAH 9600) online UPS (Combined)System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1	3 KVA online UPS with inbuilt Copper Isolation Transformer 96 VDC with 2 years warranty (Numeric, Prostaram , BPE and equivalent)				
2	12 V 100 Ah SMF Batteries with 2 years warranty (Brand – Panasonic, Quanta or Exide) (8 Batteries for each unit)				
3	MS Rack for housing Batteries				
	Total Unit Cost with 2 years Warranty				

Note: - Final Price will be decided on total of amount quoted in Sl no. 1+2+3.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Financial BID

3.0 KVA online UPS System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1	3 KVA online UPS with inbuilt Copper Isolation Transformer 96 VDC with 2 years warranty (Numeric, Prostaram , BPE and equivalent)				

Note: - Final Price will be decided on total of amount quoted in SI no. 1

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Financial BID

5.0 KVA (Total VAH 19200) online UPS (Combined) System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1	5 KVA online UPS with inbuilt copper Isolation Transformer 192 VDC with 2 years warranty (Numeric, Prostaram , BPE and equivalent				
2	12 V 100 Ah SMF Batteries with 2 years warranty (Brand – Panasonic, Quanta or Exide) (16 Batteries for each unit)				
3	<u>MS Rack</u> for housing Batteries				
	Total Unit Cost with 2 years Warranty				

Note: - Final Price will be decided on total of amount quoted in SI no. 1+2+3.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Financial BID

5.0 KVA online UPS System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1	5 KVA online UPS with inbuilt copper Isolation Transformer 192 VDC with 2 years warranty (Numeric, Prostaram , BPE and equivalent)				

Note: - Final Price will be decided on total of amount quoted in SI no. 1.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Annexure – IV (E)

Financial BID

10.0 KVA (Total VAH 24000) online UPS (Combined) System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1	10 KVA online UPS with inbuilt Copper Isolation Transformer 192 VDC with 2 years warranty, Make - (Numeric, Prostaram, BPE and equivalent				
2	12 V 100 Ah SMF Batteries with 2 years warranty (Brand –Amara Raja Quanta or Exide) (20 Batteries for each unit)				
3	MS Rack for housing Batteries				
	Total Unit Cost with 2 years Warranty				

Note: - Final Price will be decided on total of amount quoted in SI no. 1+2+3.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Annexure – IV (F)

Financial BID

10.0 KVA (Total VAH 24000) online UPS (Combined) System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1.	<u>10 KVA online UPS</u> with inbuilt Copper Isolation Transformer 192 VDC with 2 years warranty, Make - (Numeric, Prostaram, BPE and equivalent) with 2 years warranty in UPS				
	Total Unit Cost to Bank with 2 yr Warranty				

Note: - Final Price will be decided on total of amount quoted in SI no. 1.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Annexure – IV (G)

5 KVA Stabilizer

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1.	5 KVA Servo Controlled Voltage Stabilizer Working Range (Input Range 140-270 V), Output Range 230VAC $\pm$ 2%) with High/Low Cut Off with in Display Ampere Meter (Copper) 1 Year Warranty, Air Cooled, Table/Floor Mounting, Single Phase, (Sarthak Servo and equivalent)				
	Total Unit Cost to Bank with 1 yr Warranty				

Note: - Final Price will be decided on total of amount quoted in SI no. 1.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Annexure – IV (H)

Financial BID

Inventor with Battery (Combined) System.

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1	Inverter Sine wave 1250 VA with 2 years warranty(Luminous ,Microtek ,V-Guard ,Exide Amaron and equivalent)				
2	12 V 150 Ah to 200 Ah Tubular Batteries with 2 years warranty (Brand –Amara Raja Quanta or Exide)				
	Total Unit Cost with 2 years Warranty				

Note: - Final Price will be decided on total of amount quoted in SI no. 1+2

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Annexure – IV (I)

Financial BID

10 Sets for each category

Sl. No.	Particular	Make & Model	Basic Price ₹	Tax (GST) ₹	Unit Price (Inclusive All Taxes) ₹
1.	12 V 100 Ah SMF Batteries with 2 years warranty (Brand –Amara Raja Quanta or Exide)				
2.	12 V 65 Ah SMF Batteries with 2 years warranty (Brand –Amara Raja Quanta or Exide)				
3.	12 V 150 Ah Tubular Batteries with 2 years warranty(Brand –Amara Raja Quanta or Exide)				

Note: - Final Price will be decided on Price quoted in SI no. 1 & 2 and 3 respectively - Buy Back Price.

The above prices are inclusive of all i.e. F.O.R. destination (any of our office in the state of CG) all Expenses, Levies, Transport, Transit Insurance, Loading-Unloading, contingent costs etc.

(Seal & Signature of authorized Signatory)



Financial BID

Buyback Price for old UPS / Battery

Sl. No.	Particular	Make & Model	Basic offer Price ₹	Tax (GST) ₹	Unit offer Price (Inclusive All Taxes) ₹
1	10 KVA Online UPS	Any make & Model			
2	5KVA Online UPS	Any make & Model			
3	3KVA Online UPS	Any make & Model			
4	2KVA Online UPS	Any make & Model			
5	12 V 100 AH Battery	Any make & Model			
6	12 V 65 AH Battery	Any make & Model			
7	12 V 42 AH Battery	Any make & Model			
8	12 V 150 AH Tubular Batteries	Any make & Model			
9	12 V 200 AH Tubular Batteries	Any make & Model			

(Seal & Signature of authorized Signatory)

