



राष्ट्रीय कृषि और ग्रामीण विकास बैंक
NATIONAL BANK FOR AGRICULTURE
AND RURAL DEVELOPMENT

गुजरात*

नाबार्ड टावर
म्युनिसिपल गार्डन के सामने
उस्मानपुरा
अहमदाबाद-380 013
टेलीफोन : 27552257-58-59
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टेलीग्राम : अग्रिफिनांस
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GUJARAT*

NABARD Tower
Opp. : Municipal Garden
Usmanpura
Ahmedabad-380 013
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Ref.No.NB/AHM/10120/DIT-16(22)/2009-10

04 March 2010

Dear Sir

Supply and Installation of 2 KVA Online UPS

- (i) Sealed quotations are invited for purchase of 2 KVA Online UPS with the configuration and technical details mentioned in Annexure I. The configuration submitted with quotation must be as per format given in Annexure I for respective item.
- (ii) The other terms and conditions of this inquiry are given in Annexure-II.
- (iii) The supply order includes all taxes,VAT, transportation charges, other levies and the octroi charges on actual basis and on production of receipt.
- (iv) The details of quantity and delivery location are as under :

Sr. No.	Item	Quantity	Location of Delivery
1	2 KVA Online UPS	1	NABARD TOWER, Usmanpura, Ahmedabad
2	Battery with Rack (Sealed Maintenance Free Lead Acid Type) 12 V / 75AH (Backup Time : Minimum 04 Hours)	As required for 4 hours Backup	

- (v) The **sealed quotation** should be sent with superscription "**Quotations for supply of 2 KVA Online UPS**" to the following address :

Shri S G Siddhesh
Chief General Manager
NABARD, NABARD Tower, Opp. Municipal Garden, Usmanpura,
Ahmedabad - 380013

(vi) The quotations should reach us not later than **1700 hours on 09 March 2010.**

(vii) Neither this inquiry nor your offer of supply confer any right on you and the Bank reserves the right to reject one or all the quotations without assigning any reason.

(viii) The validity of the offers will be for a period of 90 days from the date of opening of quotations.

(ix) A letter of acceptance of the terms and conditions as indicated in Annexure-II may also be submitted along with the quotation.

(x) National Bank for Agriculture and Rural Development (NABARD) reserves the right to reject quotations which are incomplete or unclear and do not conform to the specifications of 2 KVA Online UPS as mentioned in the respective Annexures.

Yours faithfully

(P Balachandran)
Asstt. General Manager

Encl.: Annexure I : Configuration of 2 KVA Online UPS
Annexure II : Terms and conditions of Contract
Annexure III : Machine Installation Report
Annexure IV : Performance Bank Guarantee

Annexure I

Configuration of 2 KVA Online UPS

SN	Component	Minimum Specifications	Yes/No*
1	General		
a	Make & Model No.	Mention with technical literature	
b	Capacity	2 KVA Online	
2	Input		
a	Input Supply	1 Phase input - 1 Phase Output	
b	Input Voltage	220 VAC, Single phase with ground	
c	Input Voltage Range	170 - 280 VAC	
d	Input Frequency	50 Hz	
e	Input Frequency Range	45-55 Hz	
3	Output		
a	Output Voltage	230 VAC +/- 2%	
b	Output Frequency	50 Hz +/- 0.5%	
c	Output Wave form	Pure Sine Wave	
d	Total Harmonic Distortion	< 3%	
e	Crest Factor	3:1	
f	Peak Efficiency	>96%	
g	Transient Response	+/- 5%	
h	Overload Capacity	110% for 8 min., 150% for 15 secs., 200% for 2 secs., 300% for 1 sec.	
i	DC Operating Voltage	12V / 24 V / 36 V	
4	Battery with Rack		
a	Type	Sealed Maintenance Free Lead Acid Type	
b	Rating	12V / 65 AH	
c	Backup at Full Load	Minimum 30 minutes	
d	Battery Recharge Time	<= 6 Hours	
5	Indicators		
a	AC Normal	Required	
b	Backup	Required	
c	Battery Low	Required	
d	Charging	Required	
e	Communication Port	RS 232	
6	Alarms		
a	Battary Low	Required	
b	AC fail	Required	
7	Protections		
a	Overload on Mains	Required	
b	Overload on Backup	Required	
c	Battery Deep	Required	

	Discharge		
d	No Load Shutdown	Required	
e	Protection Class	IP 20	
f	Statutory Approvals/ Conformations	To be mentioned with certification	
g	Manual By-pass Switch for Protection	Required	
h	Monitoring Software	Monitoring Software with Windows Operating System	
8	Environmental		
a	Operating Temperature	0-47 Degree C	
b	Humidity	0-95% (Non - condensing)	
c	Noise Level	< 55 db at 1 metre from surface of unit	
9	Warranty	Minimum 2 years Onsite	

*** To be filled by vendor**

Technical details / pamphlets of the model quoted may be submitted alongwith quotation. Technical configuration must be submitted in the above format with all the details above.

Annexure II

Terms and Conditions of the Contract

1. The Online UPS to be supplied will be as per the specifications given in **Annexure I**. The rates quoted shall be inclusive of Excise duty, Sales tax, Transportation cost, other levies, VAT, etc.
2. **The delivery and installation will have to be completed within 2 weeks from the date of receipt of the final order and a machine installation report as per proforma (Annexure III) may be submitted.**
3. **Warranty** : The equipment will carry a minimum on-site comprehensive warranty against all manufacturing defect(s) and the offerer will give an undertaking to the effect that after-sale service facilities are available against any manufacturing defect(s) during the currency of warranty period and defective items will be replaced free of cost during the period .Quarterly preventive maintenance shall be done during the warranty period. Further, the suppliers / vendors will be asked to provide delivery and installation of UPS without any extra cost at Ahmedabad and also to provide comprehensive ON-SITE after-sales maintenance services at their cost during the warranty period.
4. **Inspection and Testing** : The equipment will be made available to the Bank's representative for inspection and the supplier will render all necessary assistance for the same. The supplier will also make all necessary arrangement for testing the material.
5. The offer will remain valid for a minimum period of **90 days** from the date of opening the quotations.
6. **The National Bank does not bind itself to accept the lowest or any other tender and reserves to itself the right to accept or reject any or all the tenders/quotations either in whole or in part without assigning any reason.**
7. The supplier will have to make good the damages, if any , caused to the bank's properties while attending to the captioned work, at no extra cost to the Bank.
8. **Payment terms:**
 - a. **For UPS & Batteries** : 90 % payment on successful installation and its satisfactory performance for a period of 15 days and 10 % on submission of Performance Bank Guarantee as per proforma enclosed in Annexure IV.

Certificate of Acceptance of Terms & Conditions :

The above Terms & Conditions have been read and understood fully and we agree to abide by the same.

Date:

Signature of the authorized
representative of the Firm with
Address and Seal

Place:

Annexure III

Machine Installation Report

Location :

Machine Serial Number	
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Date of Installation	
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SN	Component	Minimum Specifications
1	General	
a	Make & Model No.	
b	Capacity	
2	Input	
a	Input Supply	
b	Input Voltage	
c	Input Voltage Range	
d	Input Frequency	
e	Input Frequency Range	
3	Output	
a	Output Voltage	
b	Output Frequency	
c	Output Wave form	
d	Total Harmonic Distortion	
e	Crest Factor	
f	Peak Efficiency	
g	Transient Response	
h	Overload Capacity	
i	DC Operating Voltage	
4	Battery with Rack	
a	Type	
b	Rating	
c	Backup at Full Load	
d	Battery Recharge Time	
5	Indicators	
a	AC Normal	
b	Backup	
c	Battery Low	
d	Charging	
e	Communication Port	
6	Alarms	
a	Battery Low	
b	AC fail	
7	Protections	
a	Overload on Mains	
b	Overload on Backup	

c	Battery Deep Discharge	
d	No Load Shutdown	
e	Protection Class	
f	Statutory Approvals/ Conformations	
g	Manual By-pass Switch for Protection	
h	Monitoring Software	
8	Environmental	
a	Operating Temperature	
b	Humidity	
c	Noise Level	
9	Warranty	

Details of Monitoring Software

Sr. No	Software	Version Number	License Number	No. of CDs / Floppies	Pre-Loaded on PC (Y/N)	Remarks

Vendor's Engineer/ Representative		NABARD Rep
Name		Name
Signature		Signature
Date		Date

Annexure IV

Performance of Bank Guarantee Pro forma

National Bank for Agriculture and Rural Development
Regional Office
Ahmedabad

This deed of guarantee made on this _____ day of _____ by (Name of Bank giving guarantee) having its registered office at _____ and amongst all places a branch at (address of the bank branch giving guarantee)/ and wherever the context so requires includes its successors and assigns (hereinafter called the "Surety") for the favour of National Bank for Agriculture and Rural Development, Regional Office, NABARD Tower, Opp. Municipal Garden, Usmanpura, Ahmedabad 380 013 and wherever the context so requires includes its successors and assigns (hereinafter called the "Purchaser").

1. The Purchaser has placed an order No _____ (hereinafter called the "Said Order") with (Name of vendor) a Company having its registered office at (Address) and wherever the context so requires includes its successors and assigns (hereinafter called or referred to as "The Supplier").
2. Under the terms of the order, the supplier is required to furnish the purchaser at his own cost a Bank guarantee for an amount of Rs. _____ (Rupees _____) for fulfilling the conditions of technical delivery in the purchase order towards guarantee against all manufacturing defects for a period upto _____ in lieu of retention of an amount of 10 % of the value of the order towards satisfactory fulfillment of the order and for defects if any, noticed during the warranty period of one year from date of satisfactory installation.
3. The Surety at the request of the Supplier who are constituents of surety agreed to issue a Bank guarantee in terms of the said order on behalf of the supplier and the purchaser has agreed that the supplier shall repair or replace free of cost, equipment, machinery, its parts and components found defective on account of bad workmanship or defective materials or inferior manufacture as mentioned in the warranty and guarantee clause of the said order.
4. The Surety binds himself to pay to the purchaser to the extent of Rs. _____ (Rupees _____) in case of failure on the part of the supplier to perform this guarantee provided the purchaser informs the surety in writing to this effect. The surety binds himself to pay the amount immediately pursuant to the said demand notice notwithstanding any dispute that may exist or arise between the purchaser and the supplier or any other person.
5. Notwithstanding anything contained herein above, the liability of the surety in respect of this guarantee is restricted to Rs. _____ (Rupees _____); in case of failure on the part of the supplier to perform this guarantee provided, the purchaser informs the surety in writing to this effect.
6. This guarantee shall remain in force upto _____.
7. The guarantee shall not be discharged or released from the guarantee by any arrangement between the purchaser and the supplier with or without consent of the Surety or by any

alteration in the Obligations of the Parties or by any indulgence, forbearance whether as to payment, time, performance or otherwise.

8. This guarantee shall not be affected by any change in the constitution of the supplier by absorption with any other body or corporation or any other and this guarantee will be available to or enforceable by such body or corporation.
9. Unless a claim under this guarantee is made by the purchaser against the bank on or before _____ **(6 months after end of warranty period)** all the rights of the purchaser under this guarantee shall be forfeited and the bank shall be relieved and discharged from all liability under this guarantee.
10. And this bank guarantee after _____ shall cease to exist if there is no claim on or before _____ **(6 months after end of warranty period)**.

Notwithstanding anything contained herein above, the liability under this guarantee is restricted to an amount not exceeding Rs. _____ (Rupees _____) and the guarantee shall remain in full force and effect until _____. Unless action to enforce the claim is filed on or before _____ **(6 months after end of warranty period)** all rights under the said guarantee shall be forfeited and Bank shall be relieved and discharged from all liabilities thereunder.

DATED AT

THIS DAY OF