



Phone No: 0824-2407337
Website: <https://no1mangalore.kvs.ac.in/>
E-Mail: kv1mangaluru@gmail.com
principalkvno1_mng@rediffmail.com

ಕೇಂದ್ರೀಯ ವಿದ್ಯಾಲಯ ನಂ.೧. ಪಣಂಬೂರು ಮಂಗಳೂರು-೫೭೫ ೦೦೦

केंद्रीय विद्यालय क्रमांक १ मंगलूरु पणंबूरु -५७५ ०१०

KENDRIYA VIDYALAYA NO.1 PANAMBUR MANGALURU-10

F.1081-89/2020-21/KVM/

Dated 01/09/2020

FORM OF INVITING QUOTATIONS

(a) Quotation for 10KVA Online UPS System for Computer Lab Req.

1. Sealed quotations for the supply of the articles shown in the attached statement are invited by the undersigned on behalf of the KV No.1 Mangaluru Panambur up to 25/09/2020 at 2.10 P.M). Quotations should be sent under strong cover marked as 'Quotation for the '10KVA Online UPS System for Computer Lab' not by name. The quotations will be opened in the office of the undersigned at 2.10 PM on 26/09/2020. (Specification Attached in Page No.3&4)
2. The quotations shall be submitted according to the terms and conditions specified in paragraphs 3 to 15. Unless specified otherwise in the quotation, it shall be construed that the terms and conditions stipulated hereunder have been agreed to.
3. The rates should be F.O.R. and should include excise duty, sales tax, freight charges, any other taxes, rates or imposition whatever liable in respect of the supplies. The Kendriya Vidyalaya shall not be liable to pay any tax, freight etc. which has not been expressly stipulated in the quotation in the event of acceptance of the quotation.
4. There should not be any over writings or corrections in the quotation. If a figure is to be amended, it should be neatly scored out, the revised figure written above and the same attested with full signature and date. In the absence of the attested signature the quotation is liable to be rejected.
5. The undersigned does not bind himself to accept the lowest quotation and reserves the right to accept the quotation in whole or in part, i.e. with respect to all the articles mentioned in the attached statement or in respect of anyone or more than one article specified in the attached statement as he may decide.
6. On acceptance of the quotation it will become a contract and the contractor shall be bound by the terms and conditions of the quotation.

7. The person/persons whose quotation is accepted, hereinafter called the contractor, shall deposit an earnest money of Rs..NIL along with the quotation which shall be refunded in the event of rejection of the quotation. The earnest money will be forfeited in the event of failure to comply with the contract. In the event of the quotation, the earnest money will be adjusted towards Security Deposit which shall be payable at the rate mentioned below:

Security Deposit at NIL%

If the contractor is not agreeable to pay Security Deposit the reasons therefore should be specified and the undersigned reserves the right to accept or reject the request.

8. If the contractor fails to supply the articles within the time stipulated in the letter of acceptance by the undersigned, the undersigned shall be at liberty to purchase the articles from the market or get the rest of the contract completed by any other person or firm and the difference of price, if any, shall be deducted from the earnest money/security deposit and in case any amount in excess of the security deposit is paid by the undersigned the contractor shall be liable to pay this amount.

9. The quantity of articles indicated in the attached statement may be increased or decreased at the discretion of the undersigned without assigning any reason.

10. Prior to acceptance of the quotation, the undersigned reserves the right to call for samples or demonstration and the contractor shall be liable to supply the samples or give the demonstration free of cost.

11. In the event of acceptance of the quotation and placing of the order for purchase, the articles ordered for would be subjected to an inspection by the undersigned or his representative and are liable to be rejected if the articles supplied are not according to approved samples or do not conform to the specifications prescribed.

12. The rates quoted by the contractor shall hold good up to 31/03/2021. No amendment in the rate except increase in the rate of Sales Tax during the period of execution of the contract, will be accepted.

Station: KV No.1 Mangaluru

Date: 01/09/2020

Principal

Kendriya Vidyalaya No.1 Mangaluru



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Website: <https://no1mangalore.kvs.ac.in/>
E-Mail: kv1mangaluru@gmail.com
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ಕೇಂದ್ರೀಯ ವಿದ್ಯಾಲಯ ಸಂ.೧. ಪಣಂಬೂರು ಮಂಗಳೂರು-೫೭೫ ೦೧೦

ಕೇಂದ್ರೀಯ ವಿದ್ಯಾಲಯ ಕ್ರಮಾಂಕ ೧ ಮಂಗಲೂರು ಪಣಂಬೂರು - ೫೭೫ ೦೧೦

KENDRIYA VIDYALAYA NO.1 PANAMBUR MANGALURU-10

F.1081-89//2020-21/KVM/

Dated 01/09/2020

SPECIFICATION				
Sl No	Description	Qty	Unit Price (INR)	Total price (INR)
1.	Supply and installation of 10KVA Online UPS System using Advanced PWM IGBT Technology, isolation transformer single phase input and single phase output along with -20 Nos, of 12V / 75AH Quanta/Exide make Sealed Maintenance Free Batteries to providing battery back-up of 2 Hour with Suitable Open Rack for housing the batteries	1No		
				GST @18%
				Total

TERMS & CONDITIONS

- 1.Sales Tax : GST Number and percentage has to mention in quotation
2. Payment : 100% against Delivery, installation with report & submission of original bill to the office.
3. Training : Required from installation engineer
4. Delivery : Within 4 weeks from the date of confirmed PO. Delivery up to our school Premises.

TECHNICAL SPECIFICATION of 10 KVA Online UPS with 2 Hours Battery Back Up.

Phase:	Single Phase with Ground(L-N-G)
Voltage Range:	110 VAC-300VAC(Based on Load percentage)
Frequency Range:	45-55Hz / 55-65Hz (50/60 Hz Auto sensing)
Power Factor:	0.99 to unity(I/p 230V Full RCD Load)/ > 0.95 (above 25% Load)
Input Isolation Transformer:	Inbuilt Isolation transformer provided to protect earth & neutral leakage.
THDi :	< 5% with full Load. Source vTHD must be less than 2% with nominal input voltage
Bypass	
Voltage Range:	176~264V(Default) Can be adjusted to 176~276VAC
Frequency Range:	45-55Hz / 55-65Hz
Output	
Voltage :	200 VAC/208VAC/220 VAC / 230 VAC / 240 VAC (Derate to 90%with 200&208 VAC Output Voltage)
Voltage Regulation :	+ / - 1%
Frequency :	50/60 Hz +/- 0.1Hz (free Running Mode) 46-54Hz / 54-66Hz
Synchronization range :	(Output Frequency is synchronised with bypass source. If bypass failure output)
Harmonic Distortion (THDv):	<2% (linear load) <5% (non-linear load)
Line mode to battery mode:	0 ms
Inverter to bypass, ECO mode:	0 ms
Bypass to Inverter:	0 ms

ECO to Inverter mode:	<10ms when bypass voltage or frequency is out of range
Features	
ECO Mode:	Yes
Fan Speed Control:	Yes
EPO Function:	Yes
Frequency Converter Mode:	Yes (de rated to 60 % when the input source is 1phase) and bypass output is disabled
Parallel function :	Up to 4 units
General	
Operating Temperature:	0 to 45 Deg. C
Noise level:	<55 dB @ 1 meter
Status LED:	User Friendly Dot matrix LCD Display
Audible Alarm:	Input : Voltage & frequency Battery : Voltage & Level in % Internal DC Bus voltage & Internal temperature Output : Voltage , frequency, current, power and Load Level in % UPS Status : Operating Mode / Warning / Fault / codes (faults & warnings) UPS Setting : Output Voltage / Frequency / Bypass Enable / Disable / special function: (UPS / CVCF / ECO)
Status LED:	Normal Mode / Load on Bypass / System Fault
Audible Alarm:	Mains Failure alarm Low Battery Alarm UPS Warning ,Overload ,Fault & Bypass mode etc.. Advanced electronic protection for device safety backed with MCB's Fast acting fuses, High speed pulse blanking electronic overvoltage / undervoltage
Protections:	
Connections:	Terminal Block for Input/Bypass/Battery and Output
Bypass:	Static Bypass
Maintenance Bypass switch:	Available
Communication Interface	
Standard:	RS 232/USB port for software interface (any one can be used at a time)
Intelligent slot:	For SNMP (Optional) / For AS400 (Optional)

Place: KV No.1 Mangaluru
Date:01/09/2020

PRINCIPAL