

GOVERNMENT OF WEST BENGAL
Office of the District Magistrate & Collector
&

District Programme Coordinator,
North 24 Parganas, Barasat
Phone :2584-6258 e-mail:nrega24north@gmail.com



No.R-14011(12)/1/2011-MGNREGA-Part(1)/185039

Date : 10/03/2022

NOTICE INVITING TENDER

Sealed Tenders are invited from reputed agencies/dealers for supply of two(2) 5KV online UPS under buyback option against existing and some other items at the office of District Magistrate, District MGNREGA Cell, North 24 Parganas in accordance with the following terms & conditions.

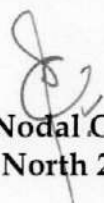
Terms & Conditions:-

1. The tentative technical specifications, quantity & price Tender proforma are given in the Annexure-A & B respectively. Vendors should follow the formats.
2. The Tenderers may submit their Tender against this NIT only if they have a record of supplying of similar items of Rs.2,00,000/- (Rs:- Two lakhs only) or more during last 3(Three) Financial years in a single work order to the public sector or reputed registered public sector offices. Therefore they shall furnish the necessary proof (copy of payment certificate or work order) along with the Tender.
3. The Tenderer must submit the attested photocopy of i) PAN card or latest Income Tax return, ii) Registration Certificate of Professional tax, iii) latest registration number / certificate in respect of GST along with the Tender.
4. The Non-refundable **Tender fee of Rs.1001/- (Rupees One Thousand and One only)** must be submitted along with the Tenderer in the form of Demand draft drawn **in favour of DNO, MGNREGA, North 24 Parganas and payable at SBI, Barasat.**
5. **Earnest Money Deposit(EMD):** The earnest money of **Rs.5000/- (Rupees Five thousand only)** should be enclosed along with the Bid in the form of Demand draft drawn **in favour of DNO, MGNREGA, North 24 Parganas and payable at SBI, Barasat.** The earnest money of unsuccessful Tenderer shall be refunded soon after final acceptance of Tender and of the successful Tenderer will be refunded after installation of the items. **No interest will be paid by the District MGNREGA Cell on the earnest money.**
6. On site comprehensive warranty at the office of District Magistrate, District MGNREGA Cell, North 24 Parganas for all items supplied by the vendor should be at least **3(Three) years** from the date of installation of the items at free of cost. During warranty the supplier should be attended to the calls of complaint from the purchaser **within 24 hours.** The

down time for every service would be **48 hours**. In that case supplier will ensure a standby is provided.

7. To ensure timely and satisfactory comprehensive maintenance of the items, successful Tenderer will have to execute and agreement with this office in the **N.J stamp paper Rs.10/- or above** confirming the terms & condition of the Tender notice.
8. All items supplied will be subject to an inspection by the office of District Magistrate, District MGNREGA Cell, North 24 Parganas. Materials which are not as per specification, are liable to be rejected and such rejected materials will have to be replaced by the vendor with proper quality and specification **within 10(Ten) days** of receipt of rejection report.
9. Tenderer should submit item wise and total rates. Rates must be quoted both in figure and in words. The rates should be quoted inclusive of all taxes and charges including delivery and installation with guaranty / warranty.
10. No advance payment will be made. Payment will be released after proper supply and successful installation of the items.
11. Tenders are to be addressed to the District Nodal Officer, MGNREGA, North 24 Parganas. Tenderer must sign each page of the Tender. The Tenderer must submit their Tender as per proforma mentioned in the annexure-A & B along with all relevant documents/ credentials, Tender fee and EMD in a sealed envelope and this must be super scribed in capital letter as "Tender for supply of 5KV online UPS". The name and address of the Tenderers must be indicated on the cover containing Tender.
12. The sealed Tenders must be drop in the Tender box to be kept in this purpose at the office of District Nodal Officer, MGNREGA, North 24 Parganas **from 11.03.2022 at 11:00 A.M** during the working days **on or before 3 P.M. on 22.03.2022** and same will be opened on the day **at 3.30 P.M.** at the same Venue. 1(One) representative of each vendor may present at the time of opening the Tender.
13. Supply and installation of the works of the item should be completed within 15(Fifteen) days from the issuance of the work order.
14. The undersigned reserves the right to accept or reject any or all of the Tenders without assigning any reason thereof.

15. In the event of any event of any dispute District Magistrate, North 24 Parganas will decide on appropriate majors in the interest of public service.

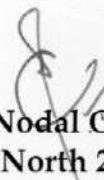

District Nodal Officer,
MGNREGA, North 24 Parganas

No.R-14011(12)/1/2011-MGNREGA-Part(1)/185039/1(4)

Date:10/03/2022

Copy forwarded for kind information:

1. CA to District Magistrate, North 24 Parganas
2. CA to Additional District Magistrate (P), North 24 Parganas.
3. NDC, North 24 Parganas is requested to display the Tender notice in the Notice Board.
4. DIO, NIC, North 24 Parganas is requested to publish the detailed Tender notice to the District website.


District Nodal Officer,
MGNREGA, North 24 Parganas

Specification of the Items installed at District MGNREGA Cell, North 24 Parganas

Ref. No.R-14011(12)/1/2011-MGNREGA-Part(1)/185039

Date: 10-03-2022

Name of the Bidder:

Sl. No.	Name of the Item with specification		Offering same (Y/N)?	Deviation, if any (Slight deviation in respect of higher only may be allowed)	Maker/Brand Name
Item Sl. No.	SI No.	Parameters	Specifications		
1	Online UPS				
1	Technology	Should be DSP controlled Double conversion On line VFI according to IEC 62040-3 specifications			
		Incoming AC power shall be converted to a regulated DC output voltage by an IGBT (insulated gate bipolar transistor) power factor correction (PFC) rectifier. The PFC rectifier shall provide high quality DC power to charge the batteries and power the inverter			
		Built in isolation transformer should be provided on the input side of UPS. (No external transformer is acceptable).			
2	Input				
	Rated Voltage	230 V, 50/60Hz single-phase, 1P + PE			
	Voltage range	-20% + 25% at full load or better			
	Frequency range	40 to 70 Hz			
	Power Factor	0.99 @ > 50% load or better			
	Input Current THD	≤ 5% at full load			
	Power Walk in	Programmable and adaptive walk-in duration of 5-30 sec			
3	Output				
	Active power	Nominal 5 kVA, Active 5 kW continuous			
	Number of Phases	One (1)			
	Rated Voltage	220 - 230 - 240 V, 50/60Hz, 1 PH, 3-wire 1P+PE			
	Power Factor	1			
	Voltage tolerance	±1% or better for 100% linear load.			
	Voltage setting	Via UPS control panel			
	VTHD	< 2% for full linear load & 5% for non linear or better			
	Crest factor	3:1 or better			
	Waveform	Pure Sine-wave			
	Frequency	50 hertz, ±0.1% (free running), +/-1 or 3 Hz Mains Sync			
	Transient response	The output voltage should return to within ±1% of the steady state value within 20ms.			
	Overload	105-110% continues operation with warning. 111% to 130% for 5 min 131% to 150% for 1 min			
	Overall efficiency at Full load.	>86% during normal operation 100% load. Up to 98% in ECO mode			
4	Batteries				
	Backup	Min 4hr (4 hours at 100% load) 5 KVA { 24000 VAH minimum}			
	Type	Sealed Maintenance Free - SMF battery			
		Make- Exide, Panasonic, Quanta,			
	Battery Housing	Cabinet / Rack must be provided by the vendor			
	Audible Alarm for				
	a) Battery Low	Should be provided			
	b) Mains Failure	Should be provided			
	c) UPS Failures	Should be provided			
	Battery re-charge time from fully discharged condition to 100% charged condition	Should not exceed 12 hours Charger Current should be 10% of battery rating.			
	Cabling	For the length of the cable between batteries and UPS, the supplier should provide a maximum cable length of 10 mtr without DC drop.			
	Battery offered	Battery Nos. and Make should be accurately specified by the bidder.			
	Recharge time	≤ 8 hrs @ 90 % DOD			
	D.C. Ripple	≤ 1% RMS			
Charge current	8A at Input voltage of 160-300				
Battery management	The UPS should have battery management system; where charging current setting should be possible.				
battery test	The UPS should be able to carry out battery tests. This option should be configurable via the control panel.				
Deep Discharge Protection	Battery Protection: The ups shall be provided with control circuits to limit the level of discharge on the battery system. These control circuits shall be capable of varying the shutdown level to accommodate any type of battery recommended for UPS application.				
Cold Start	If DC bus is already energized, UPS shall be able to start from battery power if no utility power is available at the UPS input.				

Specification of the Items installed at District MGNREGA Cell, North 24 Parganas

Ref. No.R-14011(12)/1/2011-MGNREGA-Part(1)/185039

Date: 10-03-2022

Name of the Bidder:

Sl. No.	Name of the Item with specification		Offering same (Y/N)?	Deviation, if any (Slight deviation in respect of higher only may be allowed)	Maker/Brand Name
Item Sl. No.	SI No.	Parameters	Specifications		
5	Bypass				
	Switch	Static, line synchronized. The static switch should consist of fully rated SCRs			
		The static bypass switch shall automatically transfer critical load to bypass input supply in either or the following circumstances:			
		1. Inverter overload beyond rating			
		2. Battery runtime expired and bypass available			
		3. Inverter failure			
		4. Fatal error in control system			
	Transfer time	Zero; no interruptions in power supply.			
	Manual mode	The static bypass switch should be equipped with a manual override.			
	Protection				
	Normal Protection against	1. Input/output over voltage			
		2. Input and battery - Under-voltage			
		3. Rectifier input			
	4. Output overload/short circuit.				
	5. Prolonged battery discharge with auto cutoff				
	6. Bypass through fuse or equivalent mechanism.				
	7. Overheating				
	8. Surge protection				
Inverter DC Protection	The inverter shall be protected by the following features that shall be adjustable for maximum system flexibility.				
	DC Over-voltage Trip.				
	DC Under-voltage Shutdown.				
	DC Under-voltage Disconnect annunciated by an internal visual alarm.				
Environmental and mechanical details:					
7	Operating temperature	0 to 400 C			
	Noise level	≤ 50 dB at 1m			
	Relative humidity	≤ 95% non-condensing			
	Ventilation	Forced air cooling (internal)			
	Cable entry point	Rear end			
Communicatio					
8	Ports	RS 232 & US + a compulsory SNMP port for network connections.			
	Compatibility	Across all standard operating systems and network environment, shutdown and monitoring software.			
Display and Indications					
9	LCD display	To measure line input and output parameters			
		Input – Voltage, Frequency			
		Bypass – Voltage, Frequency			
		Output – Voltage, Frequency, Load level			
		Battery – Voltage			
		Inner Temperature			
		MIMIC Information			
		Fault Code			
		Setting for ECO Mode, CVCF, O/P Voltage Adjustment, Bypass Voltage window, Frequency set.			
	LED indications	Mains Normal / Abnormal, Bypass normal, Parallel, ECO and Fault			
Buzzer	Buzzer for Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions				
Other key features					
10	Auto Restart/Recharge Facility	The UPS should Auto restart/recharge the batteries after an AC mains supply failure or after the batteries are fully drained.			
	Emergency Power Off	Required in the UPS			
	Parallel Operation	The system shall have the option to install N+4 units in parallel			
Input filter	Input harmonics filter should be provided				
11	Comprehensive Warranty	UPS should have onsite Repair / Replacement warranty for 3 years from the date of supply. Battery should have 3 years onsite replacement warranty from the date of supply.			
	12	AMC	2 years on-site comprehensive AMC after the expiry of Warranty.		
13	Brand	APC/Numeric/Microtek or any other reputed brand			

Specification of the Items installed at District MGNREGA Cell, North 24 Parganas

Ref. No. R-14011(12)/1/2011-MGNREGA-Part(1)/185039

Date: 10-03-2022

Name of the Bidder:

Sl. No.	Name of the Item with specification	Offering same (Y/N)?	Deviation, if any (Slight deviation in respect of higher only may be allowed)	Maker/Brand Name
2	Bluetooth head phone			
	Bluetooth wireless head phone			
	1. Headphones with Mic : In-Built Mic for Hands free calling with HD voice 2. Frequency Response (Bluetooth Communication) 20 Hz-20,000 Hz (44.1 kHz Sampling). 3. Battery Life : Up to 15 Hours of battery life			
	Replacement and Warranty			
	Seven(7) days replacement and standard onsite comprehensive warranty.			
	Brand			
	Sony/Boat			
3	External DVD writer			
	DVD Writer(external)			
	Standard			
	Warranty			
	standard onsite comprehensive warranty.			
	Brand			
	HP/Dell			
4	HDMI to HDMI cable			
	HDMI to HDMI cable			
	standard			
	Warranty			
	standard onsite comprehensive warranty.			
	Brand			
	Any reputed brand			
5	HDMI splitter			
	HDMI splitter			
	one(1) in four(4) out standard			
	Warranty			
	standard onsite comprehensive warranty.			
	Brand			
	any reputed brand			
6	LAN patch cable			
	LAN patch cable			
	type:RJ-45 to RJ-45 length: 1mt			
	Warranty			
	1 year onsite comprehensive warranty.			
	Brand			
	Any reputed brand			
7	USB Hub			
	USB Hub			
	type:USB 3.0 port: 4(high speed)			
	Warranty			
	1 year onsite comprehensive warranty.			
	Brand			
	Any reputed brand			

Specification of the Items installed at District MGNREGA Cell, North 24 Parganas

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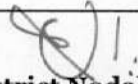
Name of the Bidder:

Sl. No.	Name of the Item with specification		Offering same (Y/N)?	Daviation, if any (Slight deviation in respect of higher only may be allowed)	Maker/Brand Name
8	Pen Drive (C- type OTG) 64 GB				
	OTG	high speed USB3.0 type: C type memory: 64GB			
	Warranty	standard onsite comprehensive warranty.			
	Brand	HP/sandisk			
9	External Hard Disc Drive (type portable) 2TB				
	External HDD	1. Capacity: 2TB 2. type:USB3.0 3. Speed: highspeed			
	Warranty	standard onsite comprehensive warranty with rescue service.			
	Brand	Seagate/WD			

Date:

(Seal)

(Name, Designation & Signature of authorised person)


District Nodal Officer
MGNREGA, North 24 Parganas

Supply of Items in the office of District MGNREGA, North 24 Parganas

Ref. No.R-14011(12)/1/2011-MGNREGA-Part(1)/185039

Date:10/03/2022

Financial Bid

Name of the Bidder: _____

Address : _____

GST No:

PAN No.:

Computer items to be procured:

Sl. No.	Name of the Item	Make/Brand Name	Series/Model/Version	Unit Price (Rs.) (inclusive of all charges except GST)	GST (Mention % and value in Rs.)	Total (5+6)	Quantity (nos.)	Grand Total (Rs.) (7x8)
(only as per prescribed specification and Make/Brand & Model must be same as quoted in Annexure-A)								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Online UPS						2	
	Batteries							
2	Bluetooth head phone						4	
3	External DVD writer						2	
4	HDMI to HDMI cable						3	
5	HDMI splitter						1	
6	LAN patch cable						20	
7	USB Hub						4	
8	Pen Drive (C- type OTG) 64 GB						4	
9	External Hard Disc Drive (type portable) 2TB						2	

A. Grand Total in figures (Rs.):

Total in words
(Rupees):

N.B. (i) No other cost in addition to the rates quoted above will be allowed whatsoever.

(ii) Make/Brand/Specification must be identical as given in the Annexure-A.

(iii) In case of any discrepancies between unit rates multiplied with quantity & total amount, then the amount calculated from unit rates multiplied with quantity would prevail.

(iv) Total shall be written in words & figures. There should not be errors and/or overwriting Correction if any, should be made clearly and initiated with dates.

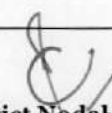
Date:

(Name & Designation of the authorised Person of the Bidder)

Place:

Signature:

Seal:



District Nodal Officer
MGNREGA, North 24 Parganas