

- ii) Payment Certificate will not be treated as credential.
 - iii) Credential certificate issued by the competent authority of any State / Central Govt., State / Central Govt. Undertaking, Statutory / Autonomous bodies constituted under the Central / State statute, on the executed value of completed / running work will be taken as credential.
 - iv) All intending Bidders are required to produce current Tax return (for the assessment year as applicable) as submitted along with PAN, VAT Registration Certificate & Professional Tax receipt challan for the year as applicable, OEM authorization for bidder (to be documented through e-filing).
 - v) Registered Partnership deed should be furnished (for partnership firm only) along with Power of Attorney to sign on the tender documents. (if required) and the company shall furnish the Article of Association and Memorandum (to be documented through e-filing).
 - vi) All intending bidders of registered Engineers Co-operative / Labour Co-operative Society Ltd should follow the criteria as mentioned in Clause [2(i)] of this N.I.T.
 - vii) Declaration regarding structure and the organization to be documented through e-filing.
 - viii) Joint Venture will not be allowed.
 - ix) The prospective Bidder Shall have in their full time engagement experienced technical personnel. (Authenticated document in respect of qualification and engagement shall have to be documented through e-filing)
3. Bids will remain valid for a period not less than 120 days (One Hundred Twenty days) from last date of submission of Bid / Sealed bid. If the Bidder withdraws the Bid during the period of Bid validity, his Earnest Money Deposited will be forfeited.
 4. No Mobilization Advance / Secured Advance will be allowed.
 5. Prospective applicants note carefully the minimum qualification criteria as mentioned in instruction to bidders before tendering the bids.
 6. No Conditional Bid / Tender will be accepted under any circumstances.
 7. Before uploading tender document through e-filing each page of the tender documents are to be signed by the Bidder/ owner/ partner / authorized signatories having legal authority to do so, failing which the Bid will be treated as informal.
 8. The employer reserves the right to accept or reject any / all offer without assigning any reason whatsoever and is not liable for any cost that might have incurred by the Bidder at the stage of Bidding. The Bidders Net Worth for the last year calculated on the basis of capital, Profit and free reserve available to the firm should be positive.

9. IMPORTANT INFORMATION

A: DATE & TIME SCHEDULE

Sl. No.	PARTICULAR	DATE & TIME
i)	Date of uploading of N.I.T(online)	17.08.2016
ii)	Documents Sell / download start date (online)	18.08.2016 at 05.30 P.M.
iii)	Bid Submission Upload Start date (online)	18.08.2016 at 06.00 P.M.
iv)	Bid Submission Upload End date (online)	29.08.2016 upto 03.00 P.M.
v)	Pre-Bid Meeting	22.08.2016 at 1.00 P.M
vi)	Date & Place for Opening of Technical bid (online) for the Bidders	29.08.2016 at 04.00 P.M. At the Office of West Bengal Medical Services Corporation Limited

B: LOCATION OF CRITICAL EVENTS

Bid Opening: “West Bengal Medical Services Corporation Limited, Swasthya Sathi Building, GN-29, Sector -V, Saltlake, Kolkata-700091” Interested bidder may be presented at West Bengal Medical Services Corporation Limited, Swasthya Sathi Building, GN-29, Sector -V, Saltlake, Kolkata-700091 during opening of bid. Managing Director, West Bengal Medical Services Corporation Limited may call open bid /sealed bid after opening of the said bid to obtain the suitable rate further, if it is required. No objection in this respect will be entertained if raised by any bidder present or absent during opening of tender.

C: TECHNICAL SPECIFICATION

Technical Specification of 30 KVA Online UPS 3 phase input & 3 phase out put
Topology, IGBT BASED DSP CONTROLLED
Input Voltage: 415 VAC, 335 to 475 VAC
Input Frequency: 50 Hz, 47 to 53 Hz
Input PF: > 0.99
Output Voltage: 415 VAC +/- 1%
Output Frequency: 50 Hz +/- 0.1% in Free running & +/- 4% in Sync
Isolation Transformer: Inbuilt at input (delta/star)
Power Factor: 0.9 Lag to Unity
Crest Factor: 3:1
Waveform: Sinusoidal
THD: < 3% on linear load & < 5% on non-linear load
Overload: 110% for 10 minutes, 125% for 4 minutes, 150% for 60 msec
Transient Response : For 0 - 50% & 50% - 100% load change voltage remains within +/- 5%
Ripple: < 2%
Inverter Efficiency: > 93%
DC Bus : Minimum 384V or higher, 60 mim back up 12V,120 AH, 32 No's (46080 VAH) SMF Battery with battery stand and interlink cables Battery Make: Exide/Quanta

Protections: Input & Output Over / Under Voltage, Single Phasing/ DC - High / Under Voltage, Battery Charging Over Current, Output Overload / Short Circuit / Over Temp., UPS auto ON on Mains recovery
Audio Alarm, Mains Fail, Battery Low Pre-alarm, Inverter Trip
Metering: LCD display for Input & Output - Voltage, Current & Frequency, Battery - Voltage & Current
Indications: Mains - On / Fail / High / Low / Single Phasing DC - On / High, Battery - Low Pre-alarm / Low Trip Inverter - On / Trip / High / Low / Over Current
Switchgear: MCB / MCCB for Input, Battery, Output & Manual Bypass Switch
Termination: Input, Battery, Output & Bypass
Enclosure: IP 20
Operating Temp: 0 to 40 Deg C
Humidity: Upto 95% Rh (non-condensing)
Cooling: Forced Air
Noise: < 55 dB
Charging Current: 5 to 15 Amps. / 10 to 25 Amps.(Site Settable)
Cold Start : Provided
Communication: RS 232
Monitoring Software: UPS Monitoring Software on Windows XP Platform
Static Switch: Provided with changeover < 5 msec in sync & < 20msec in non-sync
Configuration: Parallel Redundant N + 1 feature should be present
Dimensions (mm) : W-600 x D-900 x H-1200 (approx)
Weight (Approx Kgs) : 160
Certification : ISO 20000-1:2011 & ISO 27000:2005
Certification : ISO 9001: 2008, ISO 14001: 2004, ISO 18001, RoHS and OHSAS 18001 Certified
IEC/EN 62040-1-1,IEC/EN50091-1,IEC/EN 60950 (Safety) IEC/EN 50091-2, IEC/EN 62040-2(EMC Emmission),IEC/EN 62040-3(performance & Design)IEC/EN 61000-4(EMC Immunity) & IEC/EN 60146 (Design & Manufacture)
Warranty: UPS: 3 (three) years on site, Battery: 2 (two) years on site

10. In case of any unscheduled holiday on the aforesaid dates [Sl. (v)], the next working day will be treated as schedule / prescribed date for the same purpose.
11. Earnest Money in the shape of Bank Draft or Pay order of any Nationalized Bank to be drawn in favour of West Bengal Medical Services Corporation Limited is to be documented through e-filing. The earnest money of the successful bidder (being converted to security deposit) deposited, will remain under the custody of the department till satisfactory completion of the work in full including extended quantity if ordered for. Besides this, necessary percentages shall be deducted from the progressive bids so as to make it 10% (Ten percent) of the value of work billed for.
12. The successful Bidder shall have to execute Formal Agreement with Managing Director, West Bengal Medical Services Corporation Limited within 7(Seven) days from the issuance of Provisional Work order.
13. Bank guarantee shall be accepted for the purpose of the security.
14. The Bidders has to visit and examine the site of works and its surroundings and obtained all information that may be necessary for preparing Bid and entering into an agreement for the work / works as mentioned in the NIT. The costs for visiting the working site shall be at the bidders own expense.

15. **Defect Liability Period of 1(one) Year** for the works from the date of successful completion of the work up to the entire satisfaction of the Engineer in Charge. If any defect / damage is detected during this period as mentioned above the contractor shall make the same good at his own expense to the satisfaction of the Engineer in Charge or in default the Engineer in Charge may cause the same to be made good by other agency and deduct the cost (of which the certificate of the Engineer in Charge shall be final) from his security deposit or any sums that may be then, or at any time thereafter become due to the contractor. Security Deposit shall become payable only after expiry of the **Defect Liability Period** after making necessary deduction if applicable.
16. If more than one Bidder quoted same rate and which are found lowest at the time of opening, such similar multiple rates will not be entertained / accepted. Lowest offer will be ascertained by sealed bid amongst the lowest bidder.
17. At any stage during scrutiny, if it is found that the credential or any other papers which the Bidder uploaded during Bidding process, found incorrect / manufactured / fabricated, that bid will be considered as non- responsive and outright rejected with forfeiture of Earnest Money and action will be taken as per stipulation of IT Rules in force.
18. List of “Technically Qualified Bidders” will be published in the web portal only. Financial Bid will be opened within a short period after such publication. Therefore, Bidders are requested to view the tender status on a regular basis. In case of there be any objection regarding Pre-qualification / list of “Technically Qualified Bidders”, that objection should be lodged to the Managing Director, WBMSCL within 48 hours from the date of publication of list of qualified Agency and beyond that time schedule no objection will be entertained by the Tender Evaluation Committee
19. Before issuance of Letter of Acceptance / Provisional Work order, the tender accepting authority may verify the credential & other documents of the lowest bidder so uploaded online if found necessary. If it is found such document incorrect/ manufactured / fabricated, Letter of Acceptance / Provisional Work order will not be issued in favour of the bidder under any circumstances and action will be taken accordingly.
20. In case of Ascertaining of Authority at any stage of application or execution of work, necessary registered Power of Attorney is to be produced.
21. The Earnest Money may be forfeited if;-
 - a) If the Bidder withdraws the Bid during the period of Bid validity.
 - b) In case of successful Bidder, if the Bidder fails to execute formal agreement within the stipulated time period.
 - c) During scrutiny, if it is come to the notice of tender inviting authority that the credential or any other document which were uploaded & digitally signed by the Bidder are incorrect / manufactured / fabricated.
22. Prospective bidders must have sufficient credentials to participate in the tender as per notification of Clause No 2.
23. For any typographical mistake in case of Unit, Rate, Quantity, Amount, any type of nomenclature in items of works/item itself including description etc. whatsoever as stated in BOQ, that can't be claimed during agreement or so.

The eligibility of the Bidder will be ascertained on the basis of document submitted / uploaded & digitally signed in support of the minimum criterion as mentioned above. If any document submitted / uploaded by the Bidder is either manufactured or false the eligibility of Bidder will be out rightly rejected at any stage without prejudice and action will be taken as per stipulation of IT Rules in force.

Sd/_
Managing Director
West Bengal Medical Services Corporation Limited

**INSTRUCTION TO
BIDDERS
SECTION -
A**

*1. General guidance for e-
Tendering*

Instructions/ Guidelines for tenders for electronic submission of the tenders online have been annexed for assisting the contractors to participate in e-Tendering.

1. Registration of Contractor Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system, through logging on to <https://etender.wb.nic.in>. The contractor is to click on the link for e-Tendering site as given on the web portal.
2. Digital Signature certificate (DSC) Each contractor is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount details are available at the Web Site stated in Clause-2 of Guideline to Bidder DSC is given as a USB e-Token.
3. The contractor can search & download NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the mode of collection of Tender Documents.
4. Quoted Rate must be inclusive of all charges i.e. CST/ VAT, Excise Duty, Delivery, Installation, Electrical Installation work etc.
5. No interest will be payable against Earnest money or Security Deposit.
6. Each Bidder shall submit only one tender.
7. WBMSCL will evaluate and compare the tenders determined to be substantially responsive i.e. which (a) Are properly signed. (b) Conform to the terms and conditions, and specifications.
8. WBMSCL reserves the right to accept or reject any tenders and to cancel the bidding process and reject all tenders, and does not bind to accept the lowest rate.
9. Payment shall be made within 30(thirty) days after delivery of the goods, against submission of bills with certification from the consignee for the satisfactory completion of supply and Installation.
10. All goods should be reached in SEALED / Packed condition.
11. Submission of Tenders. General process of submission: Tenders are to be submitted through online to the website stated in Cl. 2 in two folders at a time for each work, one in Technical Proposal & the other in Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC) The documents are to be uploaded (virus scanned copy) duly Digitally Signed. The documents will get encrypted (transformed into non readable formats). The proposal should contain scanned copies of the following in two covers (folders).

A-1. Statutory Cover file Containing.

Technical Bid:

- i) Bank Draft towards earnest money (EMD) as prescribed in the NIT in favour of West Bengal Medical Services Corporation Limited.
- ii) NIT
- iii) Forms (As mentioned in the NIT, Section-B)

Financial Bid:

- iv) The rate will be quoted in the BOQ quoted rate will be encrypted in the B.O.Q. under Financial Bid. (Rate should be quoted with inclusive of all taxes and with 3 years on site comprehensive manufacturer's warranty for UPS and 2 years for Battery)
- v) Forms (As mentioned in the NIT, Section-B)

A-2. Non statutory / Technical Documents

Current Tax return (for the assessment year as applicable), PAN, VAT Registration Certificate & Professional Tax receipt challan. Registered Deed of partnership Firm, Requisite Credential Certificate, OEM authorization for bidder as mention in Clause [2(i)] of this N.I.T.

Note: Failure of submission of any of the above mentioned documents will render the tender liable to be rejected for both statutory & non statutory cover.

THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER

Click the check boxes beside the necessary documents in the My Document list and then click the tab “Submit Non Statutory Documents’ to send the selected documents to Non-Statutory folder. Next Click the tab “Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

Sl. No.	Category Name	Sub Category Description	Details
A.	CERTIFICATES	CERTIFICATES	Current Tax return (for the assessment year as applicable) , PAN, VAT Registration Certificate & Professional Tax receipt challan
B.	Credential (in applicable cases)	Credential	Documents of Credential (in the form of work completion certificates and payment certificates) as mentioned in Clause No. [2(i)]
C.	Declaration		OEM Authorization for bidder.

B. Technical proposal

- i. Opening of Technical proposal: - Technical proposals will be opened by the Managing Director, West Bengal Medical Services Corporation Limited and his authorized representative electronically from the web site stated using their Digital Signature Certificate.
- ii. Intending bidders may remain present if they so desire.

C. Financial proposal

- i) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ). The contractor is to quote the rate **online** through computer in the space marked for quoting rate in the BOQ. . (Rate should be quoted with inclusive of all taxes and with 3 years on site comprehensive manufacturer’s warranty for UPS and 2 years for Battery)
- ii) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally signed by the contractor.

SECTION – B

FORM -I

B.1. PRE-QUALIFICATION APPLICATION.

To
Managing Director,
West Bengal Medical Services Corporation Limited

Ref: - Tender for _____
_____ work

N.I.T. No: 46 / 2016 dated- 16.08.2016 of West Bengal Medical Services Corporation Limited

Dear Sir,
Having examined the Statutory, Non statutory, Instruction to Bidders & NIT documents along with its Agenda & corrigendum, I /we hereby submit all the necessary information and relevant documents for evaluation

The application is made by me / us on behalf of _____

In the Capacity _____ duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith. We are interested in bidding for the work(s) given in Enclosure to this letter.

We understand that:

- (a) Tender Inviting & Accepting Authority/Engineer-in-Charge can amend the scope & value of the contract bid under this project.
- (b) Tender Inviting & Accepting Authority/Engineer-in-Charge reserve the right to reject any application without assigning any reason.

(c) Encl:- e-Filling:-

- 1. Statutory Documents.
- 2. Non Statutory Documents.

Date: -

Signature of applicant including title
and capacity in which application is made.

SECTION – B**FORM –II**

B2: Compliance Sheet	
Format for the compliance statement is provided below	Compliance(Yes/No)/ Deviation (If any)
Topology, IGBT BASED DSP CONTROLLED	
Input Voltage: 415 VAC, 335 to 475 VAC	
Input Frequency: 50 Hz, 47 to 53 Hz	
Input PF: > 0.99	
Output Voltage: 415 VAC +/- 1%	
Output Frequency: 50 Hz +/- 0.1% in Free running & +/- 4% in Sync	
Isolation Transformer: Inbuilt at input (delta/star)	
Power Factor: 0.9 Lag to Unity	
Crest Factor: 3:1	
Waveform: Sinusoidal	
THD: < 3% on linear load & < 5% on non-linear load	
Overload: 110% for 10 minutes, 125% for 4 minutes, 150% for 60 msec	
Transient Response : For 0 - 50% & 50% - 100% load change voltage remains within +/- 5%	
Ripple: < 2%	
Inverter Efficiency: > 93%	
DC Bus : Minimum 384V or higher, 60 mim back up 12V,120 AH, 32 No's (46080 VAH) SMF Battery with battery stand and interlink cables Battery Make: Exide/Quanta	
Protections: Input & Output Over / Under Voltage, Single Phasing/ DC - High / Under Voltage, Battery Charging Over Current, Output Overload / Short Circuit / Over Temp., UPS auto ON on Mains recovery	
Audio Alarm, Mains Fail, Battery Low Pre-alarm, Inverter Trip	
Metering: LCD display for Input & Output - Voltage, Current & Frequency, Battery - Voltage & Current	
Indications: Mains - On / Fail / High / Low / Single Phasing DC - On / High, Battery - Low Pre-alarm / Low Trip Inverter - On / Trip / High / Low / Over Current	
Switchgear: MCB / MCCB for Input, Battery, Output & Manual Bypass Switch	
Termination: Input, Battery, Output & Bypass	
Enclosure: IP 20	
Operating Temp: 0 to 40 Deg C	
Humidity: Upto 95% Rh (non-condensing)	
Cooling: Forced Air	
Noise: < 55 dB	
Charging Current: 5 to 15 Amps. / 10 to 25 Amps.(Site Settable)	

Cold Start : Provided	
Communication: RS 232	
Monitoring Software: UPS Monitoring Software on Windows XP Platform	
Static Switch: Provided with changeover < 5 msec in sync & < 20msec in non-sync	
Configuration: Parallel Redundant N + 1 feature should be present	
Dimensions (mm) : W-600 x D-900 x H-1200 (approx)	
Weight (Approx Kgs) : 160	
Certification : ISO 20000-1:2011 & ISO 27000:2005	
Certification : ISO 9001: 2008, ISO 14001: 2004, ISO 18001, RoHS and OHSAS 18001 Certified	
IEC/EN 62040-1-1,IEC/EN50091-1,IEC/EN 60950 (Safety) IEC/EN 50091-2, IEC/EN 62040-2(EMC Emmission),IEC/EN 62040-3(performance & Design)IEC/EN 61000-4(EMC Emmunity) & IEC/EN 60146 (Design & Manufacture)	
Warranty: UPS: 3 (three) years on site, Battery: 2 (two) years on site	

SECTION – B

FORM- III

B.3. STRUCTURE AND ORGANISATION.

B.3.1. Name of applicant::_____

B.3.2. Office Address:: _____

Telephone No.::_____

Fax No. ::_____

B.3.3. Name & address of Bankers::_____

B.3.4. Attach an organization chart showing the structure of the company with names of Key personnel and technical staff.

Note: Application covers Proprietary Firm, Partnership, Limited Company or Corporation,

Date:

made.

Signature of applicant.
including title and capacity in which application is

SECTION – B**FORM – IV****B.4. EXPERIENCE PROFILE.**

B.4.1. Name of the Firm: _____

B.4.2. LIST OF PROJECTS COMPLETED THAT ARE SIMILAR IN NATURE TO THE WORKS EXECUTED DURING THE LAST FIVE YEARS.

Name, Location & nature of work	Deptt. Concern	Engineer-in-Charge	Contract price in Indian Rs.	% of Participation of company	Original Time Schedule		Actual Time Schedule		Reasons for delay in comple
					Start Date	Completion Date	Start Date	Completion Date	

Note: a) Certificate from the Employers to be attached

b) Non-disclosure of any information in the Schedule will result in disqualification of the firm.

Date:

Signature of applicant
 including title and capacity in which application is made.