



DNIT

FOR PURCHASE OF 15 KVA HYBRIDUPS WITH LITHIUM FERRO PHOSPHATE BATTERY

HARYANA RENEWABLE ENERGY DEVELOPMENT AGENCY

(DEPARTMENT OF NEW & RENEWABLE ENERGY, HARYANA)

Akshay Urja Bhawan, Institutional Plot No. 1, Sector-17, Panchkula

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(Note this document contains 1-31 including this page)

DISCLAIMER

- 1- Though adequate care has been taken while preparing the Bid document, the Bidder shall satisfy themselves that the document is complete in all respects.
- 2- A provision shall be made in the software of the Procurement portal where all the bidders / firms shall be asked to accept that they agree to all Qualifying Requirements (QRs) – Specifications / Eligibility Criteria/ Terms & Conditions of the said DNIT. In case the bidder/ the firm do not accept the same, the software will not allow the bidder/ firm to proceed further in the procurement process. However, following Grievance Redressal Mechanism for participating bidders/ firms shall be available:
 - (a) After the final scrutiny of the Technical Bids by the competent authority in Government Department/ Organization, the final status of the bidders, being as per NIT/ Not as per NIT, will be intimated to all the participating bidders/ firms within two days of the approval of proceedings of the final Technical Committee Meeting for the said tender at their registered E-mail ID/ address.
 - (b) All the bidders/ firms who want to make any representation/ complaint against any issue related to their technical scrutiny of the bids may do the same within 5 working days (up to 5.00 PM of the Fifth Working day) from the date of issue of letter/ intimation regarding their as per NIT/Not as per NIT status. They have to ensure that their communication is delivered / reached within 5 working days and delay in postal will not be counted as a valid reason.
 - (c) The tendering Department/ Organization will examine the representation/ complaints so received from the bidders/ firms and take a final decision on the same within 5 working days. The five working days will be counted from 6th day to 10th working day of the total Grievance allotted duration of 10 working days.
 - (d) After the completion of the Grievance allotted duration of 10 working days, the Financial Bid will be opened.
 - (e) **No representation/ complaint in whatsoever manner from the bidders/ firms will be entertained after the opening of Financial Bid.**
- 3- Nodal Agency reserves the right to modify, amend or supplement Bid Document including all formats and annexure at any time. Interested and eligible Bidders are advised to follow and keep track of Nodal Agency's web-site for updated information. No separate

notifications will be issued for such notices/ amendments/ clarification etc. in the print media or individually. Nodal Agency shall not be responsible and accountable for any consequences to any party.

- 4- While this Bid document has been prepared in good faith, neither Nodal Agency nor their employees or advisors make any representation or warranty, expressed or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omissions herein, or the accuracy, completeness or reliability of information and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this Bid Document , even if any loss or damage is caused by any action/ omission on their part.
- 5- In the Pre-bid meeting, if convened, only the technical parameters of the indented systems/ plants could be discussed. No representation / discussion will be entertained/ hold with respect to any term & condition and eligibility criteria.

INTERPRETATIONS:

1. Words comprising the singular shall include the plural & vice versa.
2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
4. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.
5. The table of contents and any headings or sub headings in the contract has been inserted for case of reference only & shall not affect the interpretation of this agreement.

HARYANA RENEWABLE ENERGY DEVELOPMENT AGENCY
(DEPARTMENT OF NEW & RENEWABLE ENERGY, HARYANA)

Akshay Urja Bhawan, Sector-17, Panchkula
PHONE: 0172-2585733, 2585433 FaxNo.0172-2564433
Email: hareda@chd.nic.in Website: www.hareda.gov.in

E-TENDER NO. HAREDA/

NOTICE INVITING TENDER

E-tenders are invited for Supply, Installation and Commissioning of 15 KVAUPS with Lithium Ferro Phosphate Battery including warranty & maintenance for five years in the state of Haryana for below mentioned systems/ projects in **two bid system** i.e. Technical Bid and Financial Bid: -

S. No	Description	EMD	Tender fees +e-Service fees (Rs.)	Start Date & Time of online Bid Preparation & Bid Submission	Expiry Date & Time of online Bid Preparation & Submission Of Bid
1	Supply, Installation and Commissioning of 15 KVA Hybrid UPS with Lithium Ferro Phosphate Battery.	20000	1180	31-03-2022	29-04-2022 at 3.00PM

- 1- The Tender Document's fee and E-Service will be paid online. The tender fee for the Haryana based MSEs (including KVI units) will be **NIL** subject to the condition that the concerned Enterprise participate directly in the tender and not through any intermediaries i.e. their dealers/ agents and distributors etc.
- 2- The bidding document having detailed terms and conditions can be downloaded from the website <https://haryanaeprocurement.gov.in> from 31-03-2022 **from 5.00 PM** onwards. The E-Tenders shall be received through website only. All interested bidders are requested to get themselves registered as vendors with the said website for submitting their bids.
- 3- Technical Bids of the E-Tenders against the above NIT will be opened in the office of the Director General, HAREDA, Sector-17, Panchkula (Haryana) on 29-04-2022 & 4.00 PM Hrs.
- 4- HAREDA reserves the right to modify, amend or supplement this document including all formats and Annexure. HAREDA also reserves the right to reject one or all the tenders received, without assigning any reason.
- 5- The bidding shall be in Single Bid System having two parts pattern, Technical Bid and Financial Bid: Technical Bid will contain the qualifying requirement and the Financial Bid will contain the offered prices.
- 6- Corrigendum, if any, would only be published online on the website. Prospective bidders are advised to update with the above website.

Director General, N&RE and HAREDA

INSTRUCTIONS TO BIDDER ON ELECTRONIC TENDERING SYSTEM

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. Registration of bidders on e-Procurement Portal:-

All the bidders intending to participate in the tenders processed online are required to get registered on the centralized e-Procurement Portal i.e. <https://etenders.hry.nic.in/>. Please visit the website for more details.

2. Obtaining a Digital Certificate:

- 2.1** The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.
- 2.2** A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details, please visit the website –<https://etenders.hry.nic.in/>
- 2.3** The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-Certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from:
- 2.4** Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during of bid preparation stage. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised **to keep certificate** at safe place under proper security (for its use in case of emergencies).
- 2.5** In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate/power of attorney /lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.
- 2.6** In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change

and to obtain the digital signatures of the new person / user on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new user.

- 2.7 The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

3 **Opening of an Electronic Payment Account:**

For purchasing the tender documents online, bidders are required to pay the tender documents fees online using the electronic payments gateway service shall be integrated with the system. For online **payments guidelines**, please refer to the Home page of the e-tendering Portal <https://etenders.hry.nic.in/>

4 **Pre-requisites for online bidding:**

In order to bid online on the portal <https://etenders.hry.nic.in/>, the user machine must be updated with the latest Java & DC setup. The link for downloading latest java applet & DC setup are available on the Home page of the e-tendering Portal.

5 **Online Viewing of Detailed Notice Inviting Tenders:**

The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal e-procurement system on the Home Page at <https://etenders.hry.nic.in/>

6 **Download of Tender Documents:**

The tender documents can be downloaded free of cost from the e-Procurement portal <https://etenders.hry.nic.in/>

7 **Key Dates:**

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

8 **Bid Preparation (Technical & Financial) Online Payment of Tender Document Fee, e-service fee, EMD fees of online Bids:**

- 8.1 The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through Debit Card/ Credit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS /NEFT.

The secure electronic payments gateway is an online interface between contractors and Debit Card/ Credit Card / online payment authorization networks.

- 8.2 The bidders shall **upload** their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid).

The bidders shall **quote** the prices in price bid format.

NOTE:-

- (A) **If bidder fails to complete the Online Bid Preparation & Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.**
- (B) **Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at theportal<https://etenders.hry.nic.in/>**
- (C) **For help manual please refer to the ‘Home Page’ of the e-Procurement website at<https://etenders.hry.nic.in/>, and click on the available link ‘How to ...?’ to download thefile.**

Guideline for Online Payments in e-tendering

Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing). Bidder shall proceed to select the tender he is interested in. On the respective Department’s page in the e-tendering portal, the Bidder would have following options to make payment for tender document & EMD:

- A. Debit Card/ Credit Card
- B. Net Banking
- C. RTGS/NEFT

Operative Procedures for Bidder Payments

A) Debit Card/ Credit Card

The procedure for paying through Debit Card/ Credit Card will be as follows.

- (i) Bidder selects Debit Card/ Credit Card option in e-Procurement portal.

- (ii) The e-Procurement portal displays the amount and the card charges to be paid by bidder. The portal also displays the total amount to be paid by the bidder.
- (iii) Bidder clicks on “Continue” button
- (iv) The e-Procurement portal takes the bidder to Debit Card/ Credit Card payment gateway screen.
- (v) Bidder enters card credentials and confirms payment.
- (vi) The gateway verifies the credentials and confirms with “successful” or “failure” message, which is confirmed back to e-Procurement portal.
- (vii) The page is automatically routed back to e-Procurement portal
- (viii) The status of the payment is displayed as “successful” in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same.
- (ix) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

B) Net Banking

The procedure for paying through Net Banking will be as follows.

- (i) Bidder selects Net Banking option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount to be paid by bidder.
- (iii) Bidder clicks on “Continue” button.
- (iv) The e-Procurement portal takes the bidder to Net Banking payment gateway screen displaying list of Banks
- (v) Bidder chooses his / her Bank
- (vi) The Net Banking gateway redirects Bidder to the Net Banking page of the selected Bank
- (vii) Bidder enters his account credentials and confirms payment
- (viii) The Bank verifies the credentials and confirms with “successful” or “failure” message to the Net Banking gateway which is confirmed back to e-Procurement portal.
- (ix) The page is automatically routed back to e-Procurement portal
- (x) The status of the payment is displayed as “successful” in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same.
- (xi) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

C) RTGS/NEFT

The bidder shall have the option to make the EMD payment via RTGS/ NEFT. Using this module, bidder would be able to pay from their existing Bank account through RTGS/NEFT. This would offer a wide reach for more than 90,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.

- I. Bidder shall log into the client e-procurement portal using user id and password as per existing process and selects the RTGS/NEFT payment option.
- ii. Upon doing so, the e-procurement portal shall generate a pre-filled challan. The challan will have all the details that is required by the bidder to make RTGS-NEFT payment.
- iii. Each challan shall therefore include the following details that will be pre-populated:
 - Beneficiary account no: (unique alphanumeric code for tendering)
 - Beneficiary IFSC Code:
 - Amount:
 - Beneficiary bank branch:
 - Beneficiary name:
- iv. The Bidder shall be required to take a print of this challan and make the RTGS/NEFT on the basis of the details printed on the Challan.
- v. The bidder would remit the funds at least T + 1 day (Transaction + One day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.
- vi. Post making the payment, the bidder would login to the e-Tendering portal and go to the payment page. On clicking the RTGS / NEFT mode of payment, there would be a link for real time validation. On clicking the same, system would do auto validation of the payment made.

List of Net banking banks

1. Allahabad Bank
2. Axis Bank
3. Bank of Bahrain and Kuwait
4. Bank of Baroda
5. Bank of India
6. Bank of Maharashtra
7. Canara Bank
8. City Union Bank
9. Central Bank of India
10. Catholic Syrian Bank
11. Corporation Bank
12. Deutsche Bank
13. Development Credit Bank
14. Dhanlaxmi Bank
15. Federal Bank
16. HDFC Bank
17. ICICI Bank
18. IDBI Bank
19. Indian Bank
20. Indian Overseas Bank
21. Indusind Bank

22. ING Vysya Bank
23. J and K Bank
24. Karnataka Bank
25. Kotak Mahindra Bank
26. Karur Vysys Bank
27. Punjab National Bank
28. Oriental Bank of Commerce
29. South Indian Bank
30. Standard Chartered Bank
31. State Bank of Bikaner and Jaipur
32. State Bank of Hyderabad
33. State Bank of India
34. State Bank of Mysore
35. State Bank of Traven core
36. State Bank of Patiala
37. Tamilnad Mercantile Bank
38. Union Bank of India
39. United Bank of India
40. Vijaya Bank
41. Yes Bank.

Purchase of supply & installation of 15 KVA Hybrid UPS with Battery Backup for Office Use.

Brief Description of item:

Item Sr. No.	Description of Stores	Quantity
1	Supply & installation of 15 KVA Hybrid UPS with Battery Backup in the Directorate of Haryana Renewable Energy Development Agency (HAREDA).	01 no.

The detailed technical specifications of the above stores are at **Annexure-I**.

A. Specific Terms & Condition/ Eligibility Criteria related to above Store:

1. Bidder should be either a body incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto or proprietary/partnership/LLP firm. A copy of certificate of incorporation shall be furnished along with the bid in support of above.
2. Bidder should have not been debarred/blacklisted by any Govt. Deptt's / organization/ PSU's / institutions/ agencies/ autonomous Organizations.
3. Bidder should have valid GST registration certificate of the billing state. A copy of which should be enclosed.
4. Bidder should be a manufacturer/Authorized dealer of the UPS; Authorized dealer shall enclose a dealer certificate.
5. Supplier shall enclose a copy of list of customers indicating kVA rating, model, number of units supplied, contact numbers and location.
6. Suppliers shall send catalogs/specifications/manuals of the offered product, for technical evaluation.
7. Offer shall be in the same format of specifications as mentioned in the tender enquiry for easy comparison. Offer shall state compliance or non compliance of each specification of tender.
8. Scope of work includes supply, installation and commissioning of UPS with batteries at user's site.
9. Battery AH calculation sheet for backup time shall be provided along with the offer; otherwise the offer shall be strictly rejected.
10. Complete maintenance and service manuals shall be supplied along with the UPS.
11. A pre dispatch inspection shall be carried out at the manufacturer/dealer site to verify the working of the UPS and its conformance to the specifications mentioned in the tender.
12. Load test shall be demonstrated at the user site during commissioning, on full load for specified backup time i.e 60 min.

13. All other specifications such as measurement of switching time, efficiency shall be checked and shall be demonstrated after Installation & Commissioning, at user's site.
14. The rates quoted should be inclusive of GST and all other charges etc. (whichever applicable).
15. **Delivery period (includes supply, installation & commissioning):-** One month from the date of placement of the order.
16. **Warranty:** - Five years from the date of commissioning (including batteries).
17. **Payment :-**
 - i. 90% payment will be released immediately after physical delivery of inspected/accepted goods in physically good condition at site on submission of bill of material.
 - ii. 10% payment to be released @ 2% at the end of each year for 5 years, on satisfactory performance of the installed system OR the said amount may be released against the submission of bank guarantee of equal amount valid for five years from commissioning of the system.
 - iii. In case of delay in supplies, penalty @ 2% per month subject to max. 10% shall be deducted.
18. Material shall be strictly as per DNIT specifications/requirement. If there is any left out specification, the same shall be considered as per the latest specification/requirements applicable as per BIS/International Standards. The bidders are advised to be well conversant with these specifications/requirements for their compliance.
19. The make and model of major components of the system i.e. UPS and Battery shall be strictly as per the make and model mentioned in the offer. Accordingly, the same should be mentioned in the bid.
20. In case of any complaint in the working of the items during the warranty period, the firm shall attend the same within 24 hours from the time of logging of first complaint / call by the consignee and the items must be repaired within three days thereafter. The complaints would be logged by the Department officers by e-mail/ fax in order to keep the proper delivery records. Further in case of failure to do so, penalty @ 0.1 % of the system cost per day (subject to max. 10% of the cost) after expiry of 72 hours shall be imposed. If the firm does not attend the complaint within the max penalty period, then the system may be got repaired/ replaced from the performance security amount. In case whole performance security amount is utilized and complaint/s are still pending then an online / registered notice will be sent to the firm to attend the complaint and if failed to attend the complaint within 7 days then firm may be blacklisted and a legal proceeding may be initiated against the firm for breach the agreement.
21. If any bidder provides false information or conceals the facts regarding debarred/blacklisted, experience or other conditions mentioned in the document, Indenting Department reserves the right to black list the bidders, to cancel the contract and to take other punitive action.
22. In case of any dispute, HAREDA shall be sole arbitrator and or the dispute shall be resolved as per prevailing arbitration act.

**DECLARATION BY THE BIDDER
(To be submitted on letter head of Bidder)**

Reference No:

Date:

To

The Director General,
Haryana Renewable Energy Development Agency
(HAREDA), Panchkula (Haryana),

Subject: **Bid for purchase of 15 KVA Hybrid UPS with Battery Backup.**

Madam/ Sir,

1. We have read and examined the tender documents relating to the subject cited works (hereinafter referred to as "Works") as issued by you:
2. Having examined the Tender Documents and being duly authorized we, hereby, bid for the execution, and completion of the Works referred to in the Tender Documents upon the terms and conditions contained or referred to therein and in accordance to all respects with the specifications and other details given therein.
3. 'PURCHASER' and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this Bid, and to seek clarifications from our bankers and employers regarding any financial and technical aspects. This Bid shall also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information to provide such information deemed necessary and as requested by you to verify statements and information provided in this application, such as the resources, experience, and competence of the Bidder.
4. We agree to keep this Bid open for acceptance for 60 days from the date of submission of the Bid, or such other extended period as may be required by you and also agree not to make any modifications in its terms and conditions of our own accord.
5. We agree if we fail to keep the validity of Bid open, as aforesaid, or we make any modification in the terms and conditions of our Bid of our own accord or after the acceptance of our Bid if we fail to execute an Agreement as prescribed in the Tender Documents or commence the execution of the works as provided in the Tender Documents, we shall become liable for forfeiture of the Earnest Money Deposit. In such an event you shall, without prejudice to any other right or remedy, be at liberty to forfeit the Earnest Money Deposit absolutely and take other actions as per terms & conditions of the contract.
6. We certify that the Bid submitted by us is strictly in accordance with the terms, conditions, specifications etc. as contained in the Tender Documents, and it is further certified that it does not contain any deviations to the aforesaid documents.
7. The bid is made with the full understanding that:-
 - a) Bids by qualified bidders will be subject to verification of all information submitted for qualification at the time of bidding
 - b) PURCHASER reserves the right to:
 - (i) Amend the scope and value of any work bid under this tender.
 - (ii) Reject or accept any application, cancel the tender process and reject all bidders by

giving a written notice.

8. PURCHASER shall not be liable for any actions taken under (b) i and ii above.
9. We undertake, if our bid is accepted, and on receipt of the work order to commence the works and to complete and deliver the whole of works comprised in the contract within the period stated and in compliance with the tender documents.
10. We understand that you are not bound to accept the lowest or any bid you may receive.
11. All the major items are to be used in the systems shall be indigenously made.
12. We are capable of executing and completing the work as required in the tender.
13. We accept all risks and responsibilities directly or indirectly connected with the performance of the tender.
14. We have no collusion with other Bidder, any employee of DNRE & HAREDA or with any other person or firm in the preparation of the bid.
15. We have not been influenced by any statement or promises of DNRE & HAREDA or any of its employees, but only by the tender document.
16. We are financially solvent and sound to execute the work.
17. We have sufficient experience and competent to perform the contract to the satisfaction of DNRE & HAREDA.
18. We are familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
19. Our company has never been debarred from similar type of work by DNRE & HAREDA and or any of the Government undertaking/Department.
20. We assure to execute the tendered work as per specifications, terms and conditions of the contract. If awarded to us.
21. The undersigned declare that the statements made and the information provided in the Bid including the completed applications and formats are complete, true, and correct in all aspects.

We have gone through carefully all the Bid conditions and solemnly declare that we will abide by any penal action such as disqualification or black listing or termination of contract or any other action deemed fit, taken by, the Department against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

Date of Submission:

**(Signature of the Bidder)
(Seal)**

Place:

DECLARATION BY THE BIDDER REGARDING QUALIFICATIONS

In relation to my/our Bid submitted in response to Bid for purchase of 15 KVA Hybrid UPS with Battery Backup, it is hereby declaring that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

SIGNATURE OF AUTHORISED
SIGNATORY OF THE BIDDER
WITH SEAL

Date:

Name:

Designation:

Address:

Annexure- I.**Technical specifications of 15 KVA Hybrid UPS (Grid + Solar)**

Following will be the broad technical specifications of the Hybrid UPS:-

UPS/ PCU Rating	15 KVA/ 240 V DC 3 Phase
Output	
Voltage	400 VAC +/-2% (3phase)
Output voltage regulation	±1 % (static)
Output Frequency	50 Hz ± 0.5 Hz
Wave form	Pure Sine wave
Crest Factor	3:1
Duty	Continuous
Output power factor	> 0.8
Harmonics (THD)	< 3%
Overload	105% -125% for 1 minute
Type of load	Inductive, capacitive , resistive
Maintenance Bypass	Required
Battery	
Battery Backup	60 minutes on full load
Type of battery	Lithium Ferro Phosphate (LiFePo4)
Battery Bank (size) in AH	15600
Nominal battery bank voltage	240 V DC
AH Capacity range	Vendor to confirm inverter suits for any AH capacity of battery, with ability to scale up PV array size, up to maximum PV capacity rating of the inverter cum charge controller.
Make	Any reputed make
Battery rack and connectors	Required in case external batteries
Battery Charging	Temperature compensated charging
Grid Mains Mode	
AC Input Voltage	400V +/- 20%
AC Input Frequency	50 Hz +/- 3 Hz
Solar Charge Controller	
Type	MPPT Based
Charging PV Current (Maximum)	50 Amp.
Environmental Conditions	
Operating temperature	Up to 50 deg C
Operating relative humidity	10% to 90%RH
Other features	
Efficiency	> 90%
Switching time	<10 ms
Ingress Protection	Minimum IP20
Warranty	Three years including batteries
LCD Display Parameters	Battery voltage, charging status , output voltage, output current, input voltage, input current
Audio/ visual alarm	Overload condition, UPS on battery, low battery voltage, internal fault
Protection	Short circuit protection, inverter output

	short circuit protection, over voltage protection, reverse polarity protection, battery deep discharge protection
Safety Compliance	UPS must confirm to latest BIS Standards
	ry pack should have proper 'Battery Management System' (BMS) for cell balancing, over charge and over temperature protection.

Specification of battery bank

1. Constructional Requirement

The design of battery shall be as per field proven practices. Partial plating of cells is not permitted. Protective transparent front covers with each module shall be provided to prevent accidentally contact with live module / electrical connections.

2. Grid Growth Provision

This Provision should be made in the cell design to prevent failure due to internal shorting / rupture of cell because of grid growth.

3. Connectors, Nuts, Bolts, Heat Shrinkable Sleeves

Where it is not possible to bolt the cell terminals directly to assemble a battery, separate non-corroding lead or copper connectors of suitable size shall be provided to enable connection of the cells. Nuts and bolts for connecting the cells shall be made of copper, brass or stainless steel. Copper or brass nuts and bolts shall be effectively lead coated to withstand lead coating. All inter cell connectors shall be protected with heat shrinkable silicon sleeves for reducing environmental impact including a corrosive environment.

4. Battery Bank Stand and cell orientation

All batteries shall be mounted in a suitable metallic trays / frame. Cells shall be housed in a ventilated & protected modular steel tray to promote airflow between the cells for effective thermal management. The partitions shall have grooves to facilitate airflow. The steel tray shall have partitions for each of the cell to maintain consistent compression & single cell replacement. The steel trays shall be powder coated for acid resistance. The Cell orientation in the steel trays shall be horizontal (i.e. the positive & negative plates should be parallel to ground) for consistent battery performance of the cell.

5. Marking on cell

The following information shall be durably marked on the outside of the cell or battery or battery module.

1. Manufacturers' name
3. Cell Ah capacity
4. Month and year of manufacture

PART-I
TECHNICAL BID (PROPOSAL EVALUATION)
Check list for evaluation

(A)- Information regarding tender fee, EMD etc.

Sr.no.	Details required	Proof Attachment with page marking at online bid and amount in Rs.
1.	Tender Document Fee	
2.	e-Service fee	
3.	Earned Money Deposit (EMD)	
4.	Category of Bidder a. Manufacturer of the UPS b. Authorized dealer of the manufacturer of the UPS	

(B)- Technical Bid Requirements:

S. No.	Details required;	Details of Attachment
1.	The Bidder should be either a body incorporated in India under the Companies Act, 1956 or Company Act 2013 including any amendment thereto or proprietary/partnership firm. A copy of certificate of incorporation should be furnished along with the bid in support of above.	
	Average annual turnover of the bidder for the last three years Furnish information in the attached FORMAT-A	
	Experience and Past Performance of the bidder Please furnish the information in the attached FORMAT-B	
	The bidder should have valid GST registration certificate . Registration document (s) to be provided by the bidder where it is presently operational/Company is registered. A Copy to be furnished in support	
	Bidder should have not been debarred/blacklisted by any Govt. Deptt's / organization/ PSU's / institutions/ agencies/ autonomous Organizations. If any bidder provides false information regarding debarred / blacklisted or conceals the facts in this regard, Nodal agency reserves the right to forfeit both EMD & Performance Bank Guarantee of the bidder. Furnish information in the attached FORMAT-C	
	Authorization Certificate by the bidder for signing the bid documents on behalf of the company on letter head of the company. Attach authority letter.	

Note:-

- The information in the above table should be filled properly.
- If any document submitted in support of above parameters found false, the tender will be disqualified and EMD and security Deposit shall be forfeited and bidder shall be blacklisted.
- Cutting should be verified by the signature with seal on every attempt and overwriting not allowed.

**Signature of authorized signatory of
the bidder with seal**

BID FORM
(To be submitted on letter head of Bidder)

Place:

To The Director,
 Haryana Renewable Energy Development Agency,
 Panchkula (Haryana),

Subject: **Supply, Installation & Commissioning including warranty & maintenance for 5 years for 15 KVA hybrid UPS with Lithium Ferro Phosphate Battery in the Haryana.**

Madam/ Sir,

1. We have read and examined the tender documents relating to the subject cited works (hereinafter referred to as "Works") as issued by you:
2. Having examined the Tender Documents and being duly authorized we, hereby, bid for the execution, and completion of the Works referred to in the Tender Documents upon the terms and conditions contained or referred to therein and in accordance to all respects with the specifications and other details given therein.
3. 'PURCHASER' and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this Bid, and to seek clarifications from our bankers and employers regarding any financial and technical aspects. This Bid shall also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information to provide such information deemed necessary and as requested by you to verify statements and information provided in this application, such as the resources, experience, and competence of the Bidder.
4. We agree to keep this Bid open for acceptance for 180 days from the date of opening of Financial Bid, or such other extended period as may be required by you and also agree not to make any modifications in its terms and conditions of our own accord.
5. We agree if we fail to keep the validity of Bid open, as aforesaid, or we make any modification in the terms and conditions of our Bid of our own accord or after the acceptance of our Bid if we fail to execute an Agreement as prescribed in the Tender Documents or commence the execution of the works as provided in the Tender Documents, we shall become liable for forfeiture of the Earnest Money Deposit. In such an event you shall, without prejudice to any other right or remedy, be at liberty to forfeit

the Earnest Money Deposit absolutely and take other actions as per terms & conditions of the contract.

6. We certify that the Bid submitted by us is strictly in accordance with the terms, conditions, specifications etc. as contained in the Tender Documents, and it is further certified that it does not contain any deviations to the afore said documents.
7. The bid is made with the full understanding that: -
 - a) Bids by qualified bidders will be subject to verification of all information submitted for qualification at the time of bidding
 - b) PURCHASER reserves the right to:
 - (i) Amend the scope and value of any work bid under this tender.
 - (ii) Reject or accept any application, cancel the tender process and reject all bidders by giving a written notice.
8. PURCHASER shall not be liable for any actions taken under (b) i and ii above.
9. We undertake, if our bid is accepted, and on receipt of the work order to commence the works and to complete and deliver the whole of works comprised in the contract within the period stated and in compliance with the tender documents.
10. If our bid is accepted, we will furnish Performance Security Deposit as per terms & conditions mentioned in DNIT.
11. We understand that you are not bound to accept the lowest or any bid you may receive.
12. All the major items like UPS and Battery should be indigenously made.
13. We are capable of executing and completing the work as required in the tender.
14. We accept all risks and responsibilities directly or indirectly connected with the performance of the tender.
15. We have no collusion with other Bidder, any employee of HAREDA or with any other person or firm in the preparation of the bid.
16. We have not been influenced by any statement or promises of HAREDA or any of its employees, but only by the tender document.
17. We are financially solvent and sound to execute the work.
18. We have sufficient experience and competent to perform the contract to the satisfaction of HAREDA.
19. We are familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
20. Our company has never been debarred from similar type of work by HAREDA and or any of the Government undertaking/Department.

21. We assure to execute the tendered work as per specifications, terms and conditions of the contract. If awarded to us.
22. The undersigned declare that the statements made and the information provided in the Bid including the completed applications and formats are complete, true, and correct in all aspects.

We have gone through carefully all the Bid conditions and solemnly declare that we will abide by any penal action such as disqualification or black listing or termination of contract or any other action deemed fit, taken by, the Department against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

Date of Submission:

(Signature of the Bidder)
(Seal)

FORMAT-**DECLARATION BY THE BIDDER REGARDING QUALIFICATIONS**

In relation to my/our Bid submitted to Haryana Renewable Energy Development Agency for procurement of 15 KVA Hybrid UPS with Lithium Ferro phosphate battery, in response to their Notice Inviting Bids No. HAREDA/15 KVA Hybrid UPS with lithium Ferro phosphate battery /2021-22/01, I/we hereby declare that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

SIGNATURE OF AUTHORISED
SIGNATORY OF THE BIDDER
WITH SEAL

Date:

Name:

Designation:

Address:

FORMAT-II**BRIEF DETAILS OF THE BIDDER:**

The brief details of the bidder should be filled in by the bidder as under:

S. No.	Particulars required:	Details
1.	Name of Bidder firm:	
2.	Postal Address	
3.	Telephone, Telex, Fax No	
4.	E-mail	
5.	Web site	
6.	Name & designation of the authorized signatory to whom reference shall be made	
7.	Registration Number :	
8.	Date of Registration :	
9.	Registered Address with	
10.	Tel. Number :	
11.	Address of Manufacturing unit / Sales Centre with Tel. Number (as applicable)	
12.	Details of item(s) to be deployed in the offered system (i) Make of UPS (ii) Make of Batteries	

13.	Name of Directors of Company (at least Two directors with email IDs & contact Numbers):	(1) (2)
14.	GST Registration Number	
15.	Year from which firm is in business	
16.	Have the contractor/firm ever been debarred by any Govt. Deptt. / Undertaking for undertaking any work?	
17.	Type of organization - Private Ltd. Company - Public Ltd. Company - Other category	
18.	Registration number PAN No Any other	
19.	Banker Details of the Bidder for RTGS / Direct Transfer of payments, if any	

	1- Name of firm 2- Bank Account Number 3- IFSC Code 4- Name of Bank 5- Bank address	
20.	Name of the any close/near relative working in New & Renewable Energy Department, Haryana or HAREDA	Name Designation Place of Posting Relationship

Date

(Signature of Bidder)
With Seal

FORMAT-A**Information in support of meeting essential eligibility conditions regarding average annual turnover of the bidder in last three financial year ending on 31st March, 2021**

Name of Bidder:

Annual turnover data for last three years ending on 31 st March 2021		
S.No.	Year	Turnover (Rs. in Lacs)
1.	2018-19	
2.	2019-20	
3.	2020-21	
4.	Sub-Total (1+2+3)	
Average turnover in last three years ending on 31 st March 2021		

Signature with seal of bidder

Signature with seal of
Chartered AccountantName:
M.No.**Note:**

-
1. Bidder must complete the information in this form.
 2. *The information provided shall be certified by **Chartered Accountant***

FORMAT-B**INFORMATION IN SUPPORT TO ELIGIBILITY CRITERIA FOR EXPERIENCE –
UPS IN LAST THREE YEARS ENDING ON 1st April, 2018 to 28th Feb, 2022.**

Name of Bidder:
Quantity/ capacity offered by the bidder: (nos.) (name of the system/project)
Estimated value of the quoted quantity/capacity: Rs..... (in Lakhs) (as per bid document)

S.No	Name of Customer	Work order no. &date	Name of system & no. of systems ordered	Work order value (Rs in Lakhs)	Value of Work Done	No. of systems commissioned &date of commissioning	Copy of Work Completion Certificate along with satisfactory report of the customer (to be uploaded online)

Signature with seal of bidder

Note:

1. Bidder must upload copies of work order, work completion report and satisfactory performance. Work orders may be got verified by the HAREDA, if required.
2. Experience and Past Performance of having successfully completed similar purchase/rate contracts during last three years , as above, to any State / Centre Govt. Agency / Department/ Organization/ autonomous body

FORMAT-C**PERFORMA OF DECLARATION****(To be submitted by the bidder along with his Bid)**

Ref no.

Date:

To

The Director,
HAREDA, Panchkula (Haryana).

Dear Sir/ Madam,

I, _____ authorized representative of M/s
_____ do hereby solemnly declare that our firm M/s
_____ has never been blacklisted by any State Government / Central
Government or any Agency and that we shall be liable for consequence of wrong declaration.

Signature along with Seal of Co.

.....

(Duly authorized to sign the tender
on behalf of the Contractor)

Name

Designation.....

Name of Co.

(in Block Letters)

FORMAT**MANUFACTURERS' AUTHORIZATION LETTER**
(FOR DEALERS)

(To be submitted for all the major items i.e. UPS, Battery for which the bidder is not a manufacturer)

(Refer Clause of Section.....)

No.....Date.....

Tender No.....

To

The Director,
HAREDA, Panchkula (Haryana)

Sir/ Madam,

Wewho are established and reputable manufacturer of _____(name & descriptions of goods / components offered) having factory at _____(address of factory)do here by authorize M/s _____(Name and address of Bidder) to submit a bid, and offer the following goods/ components manufactured by us against the above Tender:

S.no.	Name of component	Capacity	Make
1.			

We hereby extend our full guarantee and warranty for the goods and services offered for supply by the above firm against supply, installation, testing and commissioning including warranty, maintenance for 5 years for Hybrid UPS in the State of Haryana.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: i) This letter of authorization should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Bidder in its technical bid. (Copy of Power of attorney enclosed with this undertaking)

ii) This letter of authorization to be issued separately by each manufacturer of different items to be supplied by the bidder.

PART-II**FINANCIAL BID**

Bidder shall quote rates / costs in the format given below for supply, installation and commissioning of 15 KVA Hybrid UPS with Lithium Ferro Phosphate battery as per guidelines and specifications/standards specified in the DNIT complete with all accessories, auxiliaries and components F.O.R. site including installation, commissioning and FIVE YEARS warranty.

S. No.	Description of System	Total Unit rate inclusive FOR, GST, warranty for 5 Years of complete system (Rs.)
1.	Supply, installation and commissioning of 15 KVA Hybrid UPS with Lithium FerroPhosphate battery	

Signature of the Tenderer/
Authorized Signatory.

Note: This information should be filled on-line only on e-procurement site as per procedure.