

## REQUEST FOR QUOTATION (RFQ)

RFQ Reference: <b>RFQ/014/IND-2021</b>	Date: <b>02 February 2021</b>
--	-------------------------------

**Subject:** Supply and integration of the Li-ion-based battery storage system to provide power back-up to the critical load in six industrial/MSME units in Jharkhand.

### SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the scope of work as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

Annex 4: Forms for release of payments

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3 Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

Signature: \_\_\_\_\_

Name: Vijay K. Thapliyal

Title: Procurement Assistant

Date: 02 February 2021

## SECTION 2: RFQ INSTRUCTIONS AND DATA

<b>Introduction</b>	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the <a href="#">UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</a></p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p>
<b>Deadline for the Submission of Quotation</b>	<p><b>February 15, 2021</b></p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to <a href="http://www.timeanddate.com/worldclock/">http://www.timeanddate.com/worldclock/</a>.</p> <p>For eTendering submission - Time as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.</p> <p>PLEASE NOTE: -</p> <ol style="list-style-type: none"> <li>1. Date and time visible on the main screen of event (on e-tendering portal) will be final and prevail over any other closing time indicated elsewhere, in case they are different. Please also note that the bid closing time shown in the PDF file generated by the system is not accurate due to a technical glitch that we will resolve soon. The correct bid closing time is as indicated in the e-tendering portal and system will not accept any bid after that time. It is the responsibility of the bidder to make sure bids are submitted within this deadline. UNDP will not accept any bid that is not submitted directly in the system.</li> <li>2. Try to submit your bid a day prior or well before the closing time. Do not wait until last minute. If you face any issue submitting your bid at the last minute, UNDP may not be able to assist.</li> </ol>
<b>Method of Submission</b>	<p>Quotations must be submitted as follows:</p> <p><input checked="" type="checkbox"/> <b>E-tendering</b></p> <p>Bid submission address: Online UNDP E-tendering Portal</p> <ul style="list-style-type: none"> <li>▪ File Format: PDF files only</li> <li>▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard.</li> <li>▪ All files must be free of viruses and not corrupted.</li> <li>▪ Max. File Size per transmission: 10 MB</li> <li>▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible.</li> <li>▪ The bidder should receive an email acknowledging email receipt.</li> </ul> <p>[For eTendering method, click the link <a href="https://etendering.partneragencies.org">https://etendering.partneragencies.org</a> ]</p> <p>Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: <a href="http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/">http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/</a></p>
<b>Cost of preparation of quotation</b>	<p>UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>

<b>Supplier Code of Conduct, Fraud, Corruption,</b>	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes <b>principles on labour, human rights, environment and ethical conduct</b> may be found at: <a href="https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct">https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</a></p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at <a href="http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_and_investigation.html#anti">http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_and_investigation.html#anti</a></p>
<b>Gifts and Hospitality</b>	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
<b>Conflict of Interest</b>	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
<b>General Conditions of Contract</b>	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p><input checked="" type="checkbox"/> UNDP General Terms and Conditions for Contracts</p> <p><a href="https://www.undp.org/content/dam/undp/library/corporate/Procurement/english/3.%20UNDP%20GTCs%20for%20Contracts%20(Goods%20and-or%20Services)%20-%20Sept%202017.pdf">https://www.undp.org/content/dam/undp/library/corporate/Procurement/english/3.%20UNDP%20GTCs%20for%20Contracts%20(Goods%20and-or%20Services)%20-%20Sept%202017.pdf</a></p> <p>Applicable Terms and Conditions and other provisions are available at <a href="#">UNDP/How-we-buy</a></p>
<b>Special Conditions of Contract</b>	<p><input checked="" type="checkbox"/> Liquidated Damages: 0.5% of total contract value per week up to maximum of 10% of the total contract amount.</p> <p>Next course of action: Cancellation of PO/Contract.</p>
<b>Eligibility</b>	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p>

	<p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
<b>Currency of Quotation</b>	<p>Quotations shall be quoted in:</p> <p>Preferred Currency of Bid : Indian Rupees (INR)</p> <p>Bids in other currency also allowed.</p> <p>Reference date for determining UN Operational Exchange Rate : Date of bid submission.</p>
<b>Joint Venture, Consortium or Association</b>	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association.</p> <p>Refer to Clauses 19 – 24 under <a href="#">Solicitation policy</a> for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
<b>Only one Bid</b>	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> <li>a) they have at least one controlling partner, director or shareholder in common; or</li> <li>b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</li> <li>c) they have the same legal representative for purposes of this RFQ; or</li> <li>d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process;</li> <li>e) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or</li> <li>f) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.</li> </ul>
<b>Duties and taxes</b>	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p><b>All prices must:</b></p> <p><input type="checkbox"/> be inclusive of VAT and other applicable indirect taxes</p> <p><input checked="" type="checkbox"/> <b>be exclusive of VAT and other applicable indirect taxes</b></p>
<b>Language of quotation</b>	<p>English</p> <p>Including documentation including catalogues, instructions and operating manuals.</p>
<b>Documents to be submitted</b>	<p>Bidders shall include the following documents in their quotation:</p> <p><input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed</p>

	<input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 <input checked="" type="checkbox"/> Company Profile. <input checked="" type="checkbox"/> Registration certificate; <input checked="" type="checkbox"/> Descriptive Literature: Bidders shall provide full technical details of products being offered, including technical sheets and pictures showing details and general views. Specific details of items offered should be clearly stated as standard catalogues may offer options; <input checked="" type="checkbox"/> Manufacturer's Authorization of the company as a Sales Agent (if Supplier is not the manufacturer); <input checked="" type="checkbox"/> Documents showing that the bidder (manufacturer/authorized dealer/supplier/system integrator of Li-Ion battery-based energy storage system) with minimum of five (5) years of relevant experience and executed at least one similar assignment – <b>proof of purchase orders/ contract is to be submitted.</b> <input checked="" type="checkbox"/> Documents (work order/ contract order/LOA) showing that the bidder has experience of supplying/installing at least one solar integrated Li-ion battery storage system running in India. This system should be in running condition for the last 2 years. Detail of installation such as location, system size/ capacity, pictures/drawings, battery chemistry, and inverter make/technologies need to be submitted along with the technical proposal. <input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from atleast one clients in terms of Contract value in similar field, plus client's contact details who may be contacted for further information on those contracts;
<b>Quotation validity period</b>	Quotations shall remain valid for 90 days from the deadline for the Submission of Quotation.
<b>Price variation</b>	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
<b>Partial Quotes</b>	<input checked="" type="checkbox"/> Parts or sub-parts is not allowed.
<b>Alternative Quotes</b>	<input checked="" type="checkbox"/> Not permitted
<b>Payment Terms</b>	<input checked="" type="checkbox"/> Within 30 days upon UNDP's acceptance and receipt of invoice.
<b>Conditions for Release of Payment</b>	<input checked="" type="checkbox"/> Written Acceptance of Goods & Services, based on full compliance with RFQ requirements.  <input checked="" type="checkbox"/> 100% of <u>goods value</u> after successful delivery and acceptance of goods. <input checked="" type="checkbox"/> 100% of <u>services value</u> after successful installation, commissioning and completion of Training on Operation and Maintenance.  (Refer Annex-4)
<b>Contact Person for correspondence, notifications and clarifications</b>	E-mail address: vijay.thapliyal@undp.org  Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.
<b>Clarifications</b>	Requests for clarification from bidders will not be accepted any later than 2 days before the submission deadline. Responses to request for clarification will be communicated thru email/ Posted directly to eTendering portal.

<b>Evaluation method</b>	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer
<b>Evaluation criteria</b>	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the UNDP General Terms and Conditions of Contract  <i>Compliance on the following requirements</i> <input checked="" type="checkbox"/> Registration certificate; <input checked="" type="checkbox"/> Descriptive Literature: Bidders shall provide full technical details of products being offered; <input checked="" type="checkbox"/> Manufacturer's Authorization of the company as a Sales Agent (if Supplier is not the manufacturer); <input checked="" type="checkbox"/> Documents showing that the bidder (manufacturer/authorized dealer/supplier/system integrator of Li-Ion battery-based energy storage system) with minimum of five (5) years of relevant experience and executed at least one similar assignment – <b>proof of purchase orders/ contract is to be submitted.</b> <input checked="" type="checkbox"/> Documents (work order/ contract order/LOA) showing that the bidder has experience of supplying/installing at least one solar integrated Li-ion battery storage system running in India. This system should be in running condition for the last 2 years. Detail of installation such as location, system size/ capacity, pictures/drawings, battery chemistry, and inverter make/technologies need to be submitted along with the technical proposal. <input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from atleast one clients in terms of Contract value in similar field, plus client's contact details who may be contacted for further information on those contracts;
<b>Right not to accept any quotation</b>	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
<b>Right to vary requirement at time of award</b>	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25% ) of the total offer, without any change in the unit price or other terms and conditions.
<b>Type of Contract to be awarded</b>	<input checked="" type="checkbox"/> <a href="#">Contract Face Sheet (Goods and-or Services) UNDP</a>  The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions can be accessed at <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>
<b>Expected date for contract award.</b>	25 February 2021
<b>Publication of Contract Award</b>	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
<b>Policies and procedures</b>	This RFQ is conducted in accordance with <a href="#">UNDP Programme and Operations Policies and Procedures</a>
<b>UNGM registration</b>	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at <a href="http://www.ungm.org">www.ungm.org</a> .  The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.

## ANNEX 1: SCHEDULE OF REQUIREMENTS

### A. Background

MSME sector assumes a pivotal role in the state's economic growth and social development, by fostering entrepreneurship, creating employment opportunities and contributing to state's GSDP. Irrespective of its contribution to the state's growth, the sector faces formidable challenges of higher input cost, lack of capital infusion, poor supply chain and higher cost of capital. Expenditure on energy, owing a key proportion of the manufacturing cost in the MSME sector, has substantial potential to be economised/curtailed through adoption of renewable energy technology (RE) measures. Lack of sensitisation amongst the unit's owners of the benefit of RE technology adoption, poor presence of the local supply chain stakeholders for the applicable clean energy technology measures and lack of information in terms of available financial and fiscal benefits for adoption of RE measures is impacting the unit's profitability and competitiveness.

UNDP in partnership with MoEFCC and with support from Global environment facility (GEF) is implementing a project on "Market Transformation and Removal of Barriers for Effective Implementation of the State Level Climate Change Action Plans" with an overall goal to reduce GHG emissions achieved through implementation of Renewable Energy and Energy Efficiency solutions at the state level as identified in the State Action Plan on Climate Change (SAPCCs) of Jharkhand and Manipur. The development objective of the project is to stimulate implementation of climate change mitigation actions stated in the SAPCCs; maximize the benefits through exploring inter-state cooperation; showcase the actual implementation of SAPCCs; demonstrate institutional mechanisms for inter-state networking and cross learning, including information sharing and technology dissemination; and develop and implement a common monitoring system to assess progress on the SAPCCs. UNDP through the current assignment aims at scaling-up adoption of energy efficient and renewable energy technology measures across MSME sectors in the state resulting into optimized industrial energy intensity, enhanced resource efficiency, improved profitability and reduced GHG emission.

Based on the Investment Grade Energy Audit (IGEA) recommendation and bankable DPR for accessing finance in 120 MSME/SME units, it was observed that lack of clarity amongst the MSME unit owners regarding the energy conservation potential, energy efficient technology, renewable energy technology measures and its cost economics coupled with poor access to finance are the key barriers for implementation of clean energy measures in the MSME units. UNDP have worked closely with many small and medium-size (MSME) industrial units in Jharkhand under our on-going market transformation project. Support includes providing technical assistance to these MSME units for implementation of energy efficiency measures and roof-top solar system installation. The objective of implementing energy efficiency and renewable measures was to minimize energy consumption, reduce power cost, and encourage MSME units to adopt a more sustainable and profitable approach towards goods production.

Despite being a coal rich state, Jharkhand's power scenario is very scary, and industries across the state still heavily rely on DG-set as a power back-up either for the entire load or for the critical load. Apart from the frequent power cut, voltage fluctuation is also a recurring problem in the state. It is in this context, UNDP has proposed to pilot hybrid solar system coupled with a Li-ion storage system to MSMEs units. This system is more suitable for MSMEs units located in Jharkhand where grid outage is high and can provide power-back to their entire/ critical load through the solar system.

The details of the selected MSME/SME units for implementation of battery backed Solar PV units are;

MSME/SME unit	Location & Address	Proposed Storage Capacity
MSME/SME Unit 1	Jharkhand	10kWh
MSME/SME Unit 2	Jharkhand	10kWh

MSME/SME unit	Location & Address	Proposed Stoarge Capacity
MSME/SME unit 3	Jharkahnd	10kWh
MSME/SME Unit 4	Jharkahnd	10kWh
MSME/SME Unit 5	Jharkahnd	10kWh
MSME/SME unit 6	Jharkahnd	10kWh

Note: Detailed delivery and installation addresses will be provided at the time of award of contract

## B. Objective

The objective of this assignment to demonstrate new and evolving storage technologies such as solar coupled Li-Ion based battery storage system can provide the power back-up to critical load in some selected MSMEs units during the grid outage, prepare case studies and share it with industrial units, state nodal agency for renewable energy development (JREDA), and state energy department. It will help disseminate the new energy storage technology coupled with an economical solar PV system across similar consumer segment.

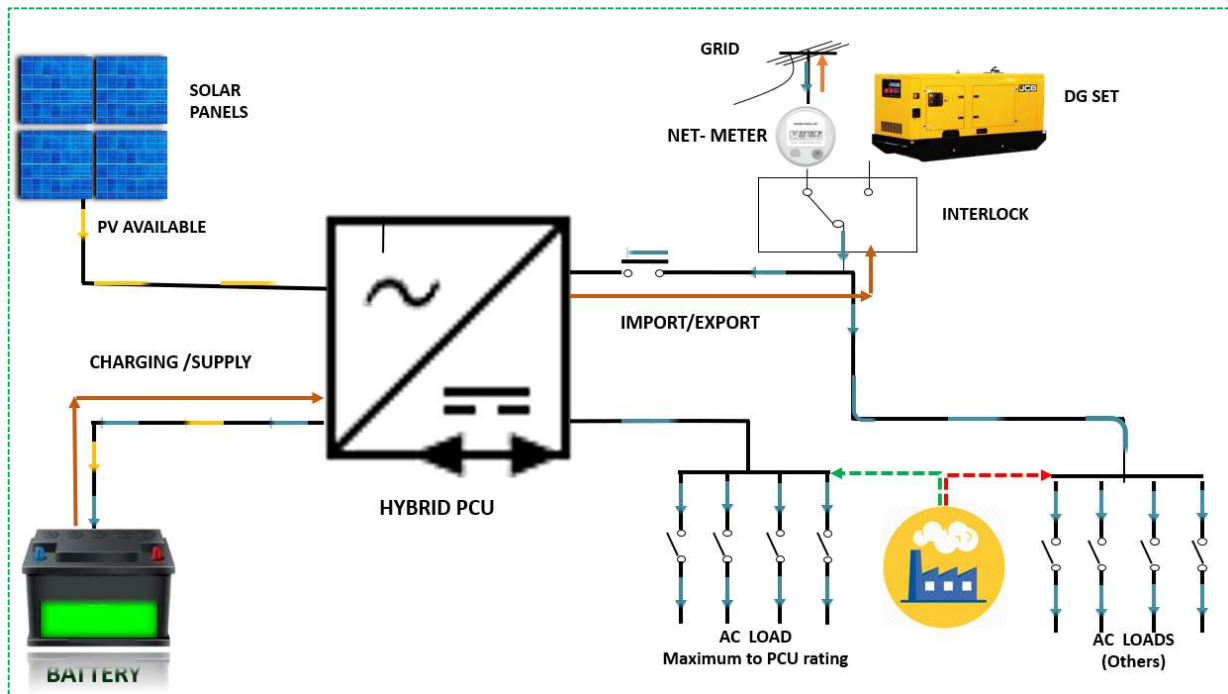
## C. Scope of Work

Supply of Li-ion based battery storage system( 6 no. of 10kWh pack each) and Hubrid PCU(6 no. each of 10kVA) and its integration of with Solar PV system, critical load and grid in six numbers of MSME/SME units in Jharkhand. The system must consist smart battery management system (BMS), battery case/rack, connecting wires, other accessories such as protection devices (Both DC and AC side) etc. required for coupling the entire system with solar system and load and grid.

S. No	Item	Pack /size	Unit/Set
1	Li-Ion Battery	10kWh	6
2	Hybrid PCU(3-Phase) with MPPT Charge Controller	10kVA	6
3	Battery Management System	As required	6
4	Battery case/rack, fasteners/nut bolts	As required	6
5	Cable, Cable connector/Lug/Gland	As required	6
6	DC and AC Protection device. (Isolator/Combiner)	As required	6

**NOTE:** As part of the system integartion, the selected service provider should require to segregate the load against the storage units and ensure proper synchronization with the selected loads and ensure its operation.

SLD of Proposed System(Illutrative)



#### D. Specifications

The supplier need to provide detailed specifications, including make, complying standards, relevant test certificates as applicable for each of the components proposed to be supplied by the agency in line with the table below.

Sr.	Particulars	Detailed Specification	Make	Complying standard	Period of Warranty
1	Li-ion Battery (NMC/LMO/LFP)				
2	Battery Management System (BMS)				
3	Hybrid PCU(3-Phase) must be compatible with Li-Ion				
4	Wire/Cables/Connectors /Lug/Gland				
5	DC and AC Protection device. (Isolator/Combiner)				

1. The hybrid inverter must be compatible with the Li-ion battery and charge the battery from an integrated solar PV system and grid. The inverter must have the provision of exporting extra energy generated by the solar system to the grid.

#### E. Related/Ancillary Services

1. The vendor needs to provide mandatory Comprehensive Maintenance service for the period of two years from the date of integration. The Comprehensive Maintenance shall include servicing & replacement guarantee for parts and components (such as battery, electronics, Inverter, and other hardware). Battery should be warranted for a minimum life 8 years and a minimum 5000 charging/discharging cycle. Depth of

discharge should not be less than 80%. The minimum warranty period inverter should be 5 years.

2. The selected service provider will require to undertake training of resource at each of the MSME/SME units on Operation and Maintenance of the system. .
3. The service provider should supply and install display board at each of the MSME/SME units mentioning the details about the project. The Board should be of minimum 4ft by 3ft size. The details to be printed on the board along with the design and logos will be provided by UNDP.

THE OFFERED PRODUCTS ARE IN ACCORDANCE WITH THE REQUIRED SPECIFICATIONS AND  
REQUIREMENTS:

YES

NO

**ANY DEVIATIONS MUST BE LISTED BELOW:**

---

---

---

Signature

Name\_\_\_\_\_

Designation with stamp\_\_\_\_\_

Date\_\_\_\_\_

Delivery Requirements	
<b>Delivery date and time</b>	Bidder shall complete the delivery and installation within 30 days from the issuance of Contract.
<b>Delivery Terms (INCOTERMS 2020)</b>	DAP
<b>Customs clearance (must be linked to INCOTERM)</b>	Shall be done by: <input checked="" type="checkbox"/> Supplier/bidder
<b>Exact Address(es) of Delivery Location(s)</b>	Detailed addresses will be provided at the time of award of contract.
<b>Distribution of shipping documents (if using freight forwarder)</b>	Not Applicable
<b>Packing Requirements</b>	Not Applicable
<b>Training on Operations and Maintenance</b>	Applicable  The selected service provider will require to undertake training of resource at each of the MSME/SME units on Operation and Maintenance of the Solar PV units. Printed leaflet/literature should be made available in English & local language by the agency regarding the operation and maintenance of their Solar PV unit.
<b>Warranty Period</b>	Applicable  Battery should be warranted for a minimum life 8 years and a minimum 5000 charging/discharging cycle. Depth of discharge should not be less than 80%.
<b>After-sales service and local service support requirements</b>	Applicable  Bidder is to submit details of Local after Sales Service – Atleast one service centre in North East India to take care of this requirement.  Bidder is to provide focal point contact details for warranty/maintenance issues.
<b>Preferred Mode of Transport</b>	Not Applicable

**NOTES:**

- 1.The products/goods/parts of machineries must be recalled by the manufacturer/ bidder/ supplier at the manufacturers/ bidder/ suppliers cost if rejected by UNDP/ purchaser or end user because of the problems with quality. The supplier/ bidder/ manufacturer will be obliged to replace the products/goods/parts of machineries in question at its own cost with a new one of acceptable quality.
- 2.The supplier will be responsible for protection of materials, property and equipment before successful delivery and handover to UNDP.
3. Prices quoted must be inclusive of all costs necessary to supply these items, including delivery, warranty, transport cost, insurance, materials, installation, training and commissioning etc.

## ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:		
RFQ reference:	RFQ/014/IND 2021	Date:

### Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	
Legal Address, City, Country	
Website	
Year of Registration	
Legal structure	
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No      If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues (If yes, provide a Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is your company a member of the UN Global Compact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bank Information	Bank Name:

	Bank Address: IFSC: Account Currency: Bank Account Number:			
<b>Previous relevant experience</b>				
<b>Name of previous contracts</b>	<b>Client &amp; Reference Contact Details including e-mail</b>	<b>Contract Value</b>	<b>Period of activity</b>	<b>Types of activities undertaken</b>

**Bidder's Declaration**

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	<b>Requirements and Terms and Conditions:</b> I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Ethics:</b> In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct <a href="https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct">:https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</a> and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Conflict of interest:</b> I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Prohibitions, Sanctions:</b> I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Bankruptcy:</b> I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Offer Validity Period:</b> I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: \_\_\_\_\_

Name:

Title:

Date:

### ANNEX 3: TECHNICAL AND FINANCIAL OFFER

Bidders are requested to complete this form, sign it and return it as part of their quotation along with Annex 2 Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text	
RFQ reference:	RFQ/014/IND 2021	Date: Click or tap to enter a date

#### Technical Offer

Provide the following:

- a brief description of your qualification and capacity that is relevant to the Scope of Works;
- a brief method statement and implementation plan;

Technical offer should encompass detailed specifications (detailed technical data sheet of the battery pack and hybrid inverter, technical datasheet of both storage systems and inverters must have all detailed information such as energy storage capacity, nominal capacity, nominal voltage/capacity, charging power, discharging power, DoD, efficiency, cooling mechanism, and operating temperature range, input voltage overloading capacity/range etc), including make, complying standards, relevant test certificates as applicable for each of the components proposed to be supplied by the agency under the tender in line with the table below.

Sr.	Particulars	Quantity	Detailed Specification	Make	Complying standard	Period of Warranty
1	Li-ion Battery (NMC/LMO/LFP)					
2	Battery Management System (BMS)					
3	Hybrid PCU(3-Phase) must be compatible with Li-Ion					
4	Wire/Cables/Connectors /Lug/Gland					
5	DC and AC Protection device. (Isolator/Combiner)					

#### Financial Offer

Supply of Li-ion based battery storage system( 6 no. of 10kWh pack each) and Hubrid PCU(6 no. each of 10kVA) and its integration of with Solar PV system, critical load and grid in six numbers of MSME/SME units in Jharkhand.

SL NO.	BRIEF DESCRIPTION OF GOODS	QUANTITY	CURRENCY	UNIT PRICE DAP (Incoterm 2010) FINAL DESTINATION (all inclusive)	TOTAL PRICE DAP (Incoterm 2010) FINAL DESTINATION (all inclusive)
1	Li-ion Battery (NMC/LMO/LFP) along with Battery Management System (BMS)	6 no(10kWh each)			
	Hybrid PCU(3-Phase) must be compatible with Li-Ion	6 no,(10kVA each)			
	Wire/Cables/Connectors /Lug/Gland	6 sets			
	DC and AC Protection device. (Isolator/Combiner)	6 sets			
	Integration, Commissioning and Training				
	Comprehensive maintenance of the system for the period of two years form the date of commissioning.*				
		Any other cost, if any			
		Duty/ Tax (Nature and amount of each tax / duty component should be clearly specified)			
		TOTAL			
PROVIDED THAT A PURCHASE ORDER IS ISSUED BY UNDP <b>WITHIN THE REQUIRED BID VALIDITY PERIOD</b> , THE UNDERSIGNED HEREBY COMMITS, SUBJECT TO THE TERMS OF SUCH PURCHASE ORDER, TO FURNISH ANY OR ALL ITEMS AT THE PRICES OFFERED AND TO DELIVER SAME TO THE DESIGNATED POINT(S) WITHIN THE DELIVERY TIME STATED IN RFQ.					
	Exact name and address of company COMPANY NAME _____ ADDRESS _____ PHONE NO. _____ FAX NO. _____ EMAIL ADDRESS OF CONTACT PERSON _____ OTHER EMAIL ADDRESSES _____			AUTHORIZED SIGNATURE DATE NAME OF UTHORIZED SIGNATORY (TYPE OR PRINT) FUNCTIONAL TITLE OF SIGNATORY WEB SITE	

\* The Supplier shall not incur any expenditure whatsoever towards Comprehensive maintenance; and the UNDP/the Consignees bears no liability whatsoever pertaining to the Supplier's obligation to provide Comprehensive maintenance until the UNDP/the Consignee, in its own discretion, enters into separate Comprehensive maintenance contract(s) with the Supplier. In such cases of Comprehensive maintenance contract(s), the rates offered by the Supplier along with the bid shall be binding on the Supplier at the appropriate stages of the said contract(s).

**NOTE: Quoted price must be inclusive of all costs necessary to supply these items, including delivery, warranty, transport cost, insurance, materials, installation, training and commissioning etc.**

**Compliance with Requirements**

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Delivery Lead Time	<input type="checkbox"/>	<input type="checkbox"/>	
Validity of Quotation	<input type="checkbox"/>	<input type="checkbox"/>	
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	
Other requirements <i>[pls. specify]</i>	<input type="checkbox"/>	<input type="checkbox"/>	

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.

<i>Exact name and address of company</i> Company Name Address:  Phone No.: Email Address:	Authorized Signature: Date: Name: Functional Title of Authorised Signatory: Email Address:
--	--

#### Annex 4

#### FORM A: "CONSIGNEE ACCEPTANCE CERTIFICATE"

(To be given by consignee's authorized representative)

The following goods have been received.

1. Name of the item supplied (with Make & Model) :-
2. Purchase Order/Contract No :-
3. Name of the Supplier:-
4. LOT No :-
5. No. of Units supplied:-
6. Place of destination:-
7. Invoice No. & Date:-
8. Name and Address of the Consignee:-
9. Date of receipt by the Consignee:-

The undersigned hereby certifies that the aforesaid goods have been received in good working condition and accepted.

Signature\_\_\_\_\_

Name\_\_\_\_\_

Designation with stamp\_\_\_\_\_

Date\_\_\_\_\_

Countersigned by:

Signature\_\_\_\_\_

Name\_\_\_\_\_

Date\_\_\_\_\_

**NOTE** This certificate is to be filled up and issued by authorized representative of the consignee and is to be duly stamped and countersigned by the supervisor.

## FORM B: SATISFACTORY INSTALLATION, TRAINING & COMMISSIONING CERTIFICATE

This is to certify that the goods as detailed below have been satisfactorily installed and commissioned and training provided in respect of their operational use:

- a) Purchase Order/ Contact No:\_\_\_\_\_ date \_\_\_\_\_
- b) Description of the machinery (with make & model no.):\_\_\_\_\_
- c) Batch/Serial Number(s) of the goods:\_\_\_\_\_
- d) Quantity:\_\_\_\_\_
- e) Name of the consignee:\_\_\_\_\_

The supplier has fulfilled his contractual obligation with regard to the following services:

- a) Satisfactory Installation, Performance and commissioning/start-up of machinery.
- b) Furnishing of tools required for assembly and / or maintenance of the .....  
.....(Enter name of machinery with make & model)
- c) Furnishing detailed operation and maintenance manual for each item of supply at each location.
- d) Training of the operators/users in operating the equipment to the satisfaction of the consignee.

Signature\_\_\_\_\_

Name\_\_\_\_\_

Designation with stamp\_\_\_\_\_

Date\_\_\_\_\_

Countersigned by:

Signature\_\_\_\_\_

Name\_\_\_\_\_

Date\_\_\_\_\_

**NOTE** This certificate is to be filled up and issued by representative of the consignee and is to be duly stamped and countersigned by the supervisor.