

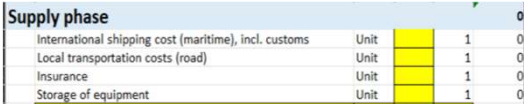
QUESTIONS AND ANSWERS for REQUEST FOR PROPOSAL: 2022/RFP/010 SUPPLY OF PRE-DESIGNED POWER SOLUTIONS FOR UNHCR OFFICES			
No.	Reference	Question	Answer
1	submission deadline	Due to summer vacation time and that many of our suppliers are closing their production this month (July), I would like to ask for a possibility to have a deadline extension?	(Updated) Submission deadline has been extended to 31 August 2022 @23:59 hrs. Geneva time.
2	submission deadline	Due to the extensive work involved in analyzing and preparing a bid following the TOR, combined with the fact that we are in the middle of the summer vacation period, where many suppliers and external partners are closed or short-staffed, we hereby in advance, kindly request an extension of the deadline for at least four (4) weeks. We thank you for your kind understanding of the same and will revert with another request for clarifications before the deadline mentioned in the RFP.	(Updated) Submission deadline has been extended to 31 August 2022 @23:59 hrs. Geneva time.
3	Requirements	We would like to know if the minimum experience requested must necessarily be UN experiences.	No, the experience need not be confined to UN experience.
4	Requirements	1.For the power of Hybrid inverter (Bi-directional inverter) , can we consider kVA unit ? or it should be in kW ? because the characteristics of our hybrid inverter is in kVA and we consider cos phi = 0.8 ; For example for 5 kVA, the real kW power is 4 kW	The inverter nominal capacities are requested (for the three different systems: HRES, GPV and BESS) in kW. Therefore, consider the kW capacity as minimum. So, if your hybrid inverter capacity is in kVA with a cos phi = 0,8 just make sure that its capacity in kW responds to the minimum requested for each system size
5	Requirements	For HRES system, we have to supply case scenario for 60 kW or 75 kW ? because in the Terms of reference you specify 60 kW but in the Annex E. VI BOQ and Annex F you mention 75 kW	For the HRES Case Scenario please consider the capacity specified in the TOR document, 60kW. The full design for 15, 60 and 150 kW must be provided for each of the three type of pre-designed power solution (HRES, GPV, BESS)
6	Requirements	Mounting structurur. Is it required 15 years? Normal it is 10 years.	Manufacturer's guarantee: ≥ 15 years for the structural integrity and corrosion; and ≥ 5 years for the leakages.
7	Requirements	Evaluated mounting. Pass height. Please provide more information on why the pass height has to be 5 meters? Is it a area part that needs to be covered?	The 5 meters pass height has indeed be determined assuming the mounting structure will be built above a ground floor building. This heigh must be considered in the present tender but will be slightly adjusted on a case by case basis during the secondary bidding stage.
8	Requirements	For the Supply Phase in Case Scenario 1, 2 & 3, which destination we have to consider for the cost of: International shipping cost (maritime), incl. customs Local transportation costs (road)	"In Section 7, Bidders are requested to provide three fully designed power solutions and the complete project package, as per Section 3 Project Life Cycle, and Section 5 After-Sales Services for three hypothetical offices hypothetically situated in Kakuma, Kenya."
9	Requirements	Regarding the BESS system, you put on the BOQ document Annex E.VI: Charge regulators (MPPT) and protections - DC coupling  Do you plan to connect a PV power plant with BESS ? What is the power of this PV Plant ? Should we consider the same like HRES ? Then the system will require a lot of MPPT regulators, please clarify this point	This is a mistake. There won't be any PV plant connected to a BESS
10	Requirements	Is it possible to supply bidirectional inverter with PV inverter separately?	Yes
11	Other	Is RETScreen desktop or cloud based?	It is desktop based
12	Requirements	What is meant by "Plug and Play" system?	The system is shipped pre-cabled, Pre-labelled, and tested to reduce installation complexity
13	Requirements	Must the batteries be pre- installed in the racks?	The batteries should be shipped boxed and installed on site
14	Requirements	Is the height of the mounting structures fixed as there maybe some regulations?	Before purchasing the mounting structures, regulations /restrictions for the specific country/sites needs to be investigated
15	Requirements	Will there be a request or need for a Mobile PV solution?	No, the PV solutions are stationery
16	Requirements	Is it possible to have simultaneous orders shipped together?	Yes, To simplify it would preferably be on a counrty level with several sites rolled out simultaneously
17	Financial	Will there be any advanced payment?	Please refer to the Cover Letter Art. 2.8 and Annex C I. General Conditions Goods and Services Art. 30 Payment Instructions.
18	Requirements	The efficiency requirements of the inverters are different for different solutions 95%,98% why is this?	Correction on the minimum efficiency required for the battery back-up inverter: it is <b>95%</b> instead of the 98% stated in Annex B page 27
19	Requirements	Will there be access to water and power on site for the installation?	This would depend on the site which will be defined during secondary bidding . More than likely to have water and some source of power.
20	Requirements	What voltage is required,110-220 volts or 230-400 volts?	It will be country dependent, 110/220 60 Hz for Central and Latin America; and 230/400 50 Hz for most other countries
21	Requirements	Please elaborate what is ment by Enclosed system?	Solutions not containerized shall come in enclosures, i.e. electrical cabinet.
22	Requirements	What is the difference between 'containerized' and 'Enclosed' solution?	A Containerized solution would be in a container, which is preferable if the office may relocate, whereas an Enclosed solution would be in a Electrical cabinet where there is indoor or covered space to house it.
23	Requirements	Are the PV panels part of the Plug and Play?	As much as possible: Yes. The systems should come completely pre-designed, pre-tested and pre-assembled as much as possible (e.g. the string boxes should come pre-wired, with pre-sized cabling and protection devices, and ready to plug the different PV strings).
24	Requirements	Are the PV panels assembled and installed on site?	Yes

25	Requirements	Please clarify for which system sizes a full design is required ?	<p><b>Nine pre-designs</b> must be provided for each type of PPS (HRES, GPV and BESS) and for the following capacities: 15, 60, 150 kW. These 9 designs shall include:</p> <ul style="list-style-type: none"> <li>•System's detail and operation - architecture, components, operation, planned maintenance schedule</li> <li>•System's block diagram identifying each component</li> <li>•System's single line diagram (including the manual changeover switch)</li> <li>•System's components sizing rationale and calculations</li> <li>•Cabling design details (AC and DC) and protection devices</li> <li>•Ground Supporting Structure - architecture, components</li> <li>•Roof Supporting Structure - architecture, components</li> <li>•Elevated Supporting Structure @ 2.6 and 5 meters - architecture, components</li> <li>•Datasheets of system components (PV, Inverters, Hybrid Inverter, Charge Regulator (if), Battery system, Cabling, Protection Devices, Electric/String boxes, supporting structures)</li> <li>•Container option drawing and components distribution</li> </ul> <p>These nine designs are a representation of the entire solutions available in the catalogue for pre-designed power solutions available as the outcome of the first bidding stage. Please see page 13 and 14 of the Annex A for more details.</p> <p><u>Additionally</u>, <b>three finalized design</b> must be provided for the three case scenarios, using the site-specific inputs given in Annex B. Section 7 and the deliverables aim at evaluating how the selected Bidders would, if they are selected during the 1st bidding stage, finalize their proposed pre-designed power solution according to site-specific inputs, and thereby having a fully designed power solution that is ready to be shipped and installed at the office as a plug &amp; play system. Any missing site-specific information that may be required by Bidders in order to finalize the design of the power solution for this particular project shall be assumed and assumptions shall be clearly detailed in the technical proposal. The proposed finalized design shall be ready for implementation. The finalisation of the pre-designed power solutions in these case scenarios are to simulate the process that will take place during the secondary bidding stage.</p>
26	Annex B Technical Specs	<b>DC/AC coupling.</b> Annex B, Tech Specs, Section 2.1 System configuration, states "UNHCR wishes to offer Bidders the possibility to offer systems with different configurations, namely AC and DC-coupling. Bidders will choose <i>one configuration or the other</i> depending on the equipment they have and in order to achieve the highest PV penetration / lowest cost of energy possible." Can we propose a mixed configuration with both DC-coupled and AC-coupled PV arrays in the same system?	Yes
27	Annex B Technical Specs	Voltage of 60Hz system. Annex B, Tech Specs, Sections 2.1.1, 2.6.3.2 and 2.8 refer to a system voltage option of 110/220V 60hz, which seems to refer to an American split-phase (three-wire) system. Section 2.6.2.2 refers to 120/220V 60 Hz. On the other hand, section 2.6.1.2 states that the hybrid inverter output shall be single phase or three phase. Regarding the 60 Hz system, could you please clarify whether the project requires a split-phase (three-wire) system or a three-phase system?	Split-phase systems are <u>not</u> required. Instead, three-phase systems are required
28	Annex A	Case scenario 2 enclosure/container. Annex A – Section 4.2.3. Technical Design Document (HRES). The text first says "container option drawing" and then it says "Case scenario 2 – 60kW hybrid – enclosure". Could you please clarify if the case scenario 2 shall be designed with a container or an enclosure?	The case scenario 2 shall be installed in enclosures. Section 4.2.3. Technical specification response refers to the nine designs of "pre-designed power solutions" (cf details answered in question #25). Additionally, the designs of three fully designed power solutions shall be provided as per the site-specific inputs given in the three case scenarios.
29	BoQ	Cable specification at BoQ. The BoQ categorizes the cables by length. However, multiple cable sections will most likely be within the same length category (i.e. 0-10m), making the final cost per meter confusing. Could we simplify the cable BoQ specification and just group the cables in just two categories, AC cables DC cables?	No, the section on AC/DC cables cannot be changed at this stage.
30	Requirements	Definition of enclosed system. The definition of enclosed system is quite wide. Which type of enclosures are of UNHCR preference?	Cf section 2.3 Enclosure of power systems in the Annex B
31	Requirements	Main AC cable. It is understood that our scope finishes with the connection (power/communication) of the enclosure/container to the Main Distribution Board of the UNHCR compound. Could you please provide us an estimated length for this connection so that we can apply it in all systems?	Yes, connection to the MDB in the UNHCR compound shall have to be done by the contractor. The length between the power system and the MDB shall be provided during the secondary bidding process using site-specific data. In the case scenarios it can be estimated using the information (layout) available. Regarding the case scenarios: where the information provided is not sufficient, assumptions can be made and justified accordingly.

32	Annex B Technical Specs	Inverter's output power definition. Annex B Tech Specs, Section 1.7.3 HRES Capacities, states that "The HRES capacities are defined using the hybrid inverter output power capacities at an operating temperature of a minimum of 40 degrees Celsius". Same statement happens for the GPV and BESS inverters at sections 1.8.3 and 1.9.3 respectively. However, section 2.6.1.2 states "rated power given at ambient operating temperature under continuous load" and states an ambient operating temperature of 50 degrees. Please clarify at which ambient temperature is the output power of the inverters defined.	The Operating temperature range is from -10 to +50 degrees Celsius. In this tender, the output power of the inverter is defined at an ambient operating temperature of <b>40 degrees</b> .																																				
33	Annex B Technical Specs	& symbol. Annex B Tech Specs, Section 1.7.3 HRES Capacities, Table 1 « HRES capacities ». In system configuration, it says "Container & enclosure". What does the & exactly mean? Do we have to design both a container and an enclosure for the same system type?	The nine pre-designes requested in Section 1 of the Annex B can be made in enclosures only. No container design is requested here. In Section 2.2.3 of the Annex B it is mentioned that "The Bidders must include a layout of the designed internal arrangement of the containers with their proposals." That design shall be for a HRES system whose capacity is left open, i.e. bidders can chose for which HRES capacity they provide the layout of the designed internal arrangement of the container.																																				
34	Annex B Technical Specs	BESS inverter efficiency. In Annex B Tech Specs, the hybrid inverter minimum efficiency is 95%, whereas battery backup inverter has a requirement of 98%. We note that some of the most common battery inverter manufacturers that have a proven history in these type of harsh isolated environments comply with the 95% requirement, but do not comply with the 98%. We kindly ask to lower the 98% requirement to 95%.	Correction on the minimum efficiency required for the battery back-up inverter: it is <b>95%</b> instead of the 98% stated in Annex B page 27																																				
35	Annex B Technical Specs	According to the requirements of "Annex B_Tech Specs_2022_RFP_010", the financial evaluation will be done against the above suggested PV capacity, minimum battery capacity.  In the file "Annex_F_2022_RFP_010_Financial returnables", The quantity of Hybrid inverter, PV inverter and Battery inverter should be filled in with the actual quantity of the design or the Minimum capacity in the "Annex B_Tech Specs_2022_RFP_010". Compared with the requirements of the left column, which one should be the specific requirement?	The hybrid inverter capacity is stated as minimum; depending on the suppliers equipment it may be matched or exceeded but a lower capacity (calculated at an operating temperature of 40 degrees) cannot be proposed. Similarly for the battery capacity, the stated capacity is minimum. It may be matched or exceeded only. Regarding the PV capacity, it is a recommended capacity and therefore Bidders may propose a slightly lower/higher PV capacity. Cf Section 1.7.3 of Annex B for more details																																				
36	Annex B Technical Specs & Annex F	According to the requirements of "Annex B_Tech Specs_2022_RFP_010", three types of monitoring systems will be used as needed: 1. Technical monitoring system 2. Managerial monitoring system 3. Metering for charging purposes  In the file "Annex_F_2022_RFP_010_Financial returnables" The number of electricity meters in the multi user energy metering system is determined according to the number of users to be measured. In the current preliminary scheme, only the unit price of one user can be provided, Is this way to give the quotation feasible?	In the BOQ, there is one line for monitoring and metering system. The three types of monitoring needed (technical, managerial, metering) should be quoted on that single line.  The number of electricity meters in the multi user energy metering system is determined according to the number of users to be measured. In the current preliminary scheme, only the unit price of one user can be provided, Is this way to give the quotation feasible? The answer is yes.																																				
37	Annex F	In the file "Annex_F_2022_RFP_010_Financial returnables", regarding the quotation of "lithium iron phosphate batteries incl cabling and protection"  In the file "Annex_F_2022_RFP_010_Financial returnables" Does the quotation of "lithium iron phosphate batteries incl cabling and protection" include the quotation of battery rack?	Yes, the BOQ should be modified as little as possible. Related items of core items should be quoted together. Other items that can't be directly related to the items already listed in the BOQ can be added under spare & miscellaneous.																																				
38	Annex F	In the file "Annex_F_2022_RFP_010_Financial returnables" Cables are required to be quoted according to different lengths <table border="1"><thead><tr><th>Cabling</th><th></th><th></th><th></th></tr></thead><tbody><tr><td>AC cable: 0-10m</td><td>m</td><td></td><td>1</td></tr><tr><td>AC cable: 11-30m</td><td>m</td><td></td><td>1</td></tr><tr><td>AC cable: 31-60m</td><td>m</td><td></td><td>1</td></tr><tr><td>AC cable: &gt;60m</td><td>m</td><td></td><td>1</td></tr><tr><td>DC cable: 0-10m</td><td>m</td><td></td><td>1</td></tr><tr><td>DC cable: 11-30m</td><td>m</td><td></td><td>1</td></tr><tr><td>DC cable: 31-60m</td><td>m</td><td></td><td>1</td></tr><tr><td>DC cable: &gt;60m</td><td>m</td><td></td><td>1</td></tr></tbody></table> In the system, cables are divided into DC cables and AC cables. DC cables include photovoltaic cables and battery cables, and the wire diameters of different kinds of cables are also divided into many kinds. In addition to the length, the wire diameter is a very important factor affecting the quotation. Please consider adjusting the quotation list of cables according to different cable diameters	Cabling				AC cable: 0-10m	m		1	AC cable: 11-30m	m		1	AC cable: 31-60m	m		1	AC cable: >60m	m		1	DC cable: 0-10m	m		1	DC cable: 11-30m	m		1	DC cable: 31-60m	m		1	DC cable: >60m	m		1	Cf answer to question 29
Cabling																																							
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39	Annex B Technical Specs	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", 1.8.3 The GPV capacities are defined using the PV inverter output power capacities at an operating temperature of minimum 40 degrees Celsius. The PV capacities are suggested. Bidders can therefore propose different ones. The suggested PV capacities are calculated as 1.5 times the inverter capacities.</p> <p>The top 22 countries are all in Africa and the Middle East with high solar irradiance values. The bidding documents require that the capacity of PV is 1.5 times that of the inverter, which is relatively high, inverter being saturated, can cause clipping losses. We propose to change it to 1.3.</p>	Yes clipping will occur when the sun is high but the 1.5 ratio was determined as an optimum throughout the entire day and in order to optimize financial figures too. It cannot be changed at this stage.
40	Annex B Technical Specs	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", Paragraph 1.7.1 General System Configuration "The Supplier will be requested to add a manual changeover switch to the HSPS in order to power the loads directly from the mains and genset, similarly to the architecture prior to the installation of the HSPS, and in order to anticipate for unplanned downtime from the HSPS power system."</p> <p>What does "HSPS" mean in the paragraph?</p>	The document was corrected and HSPS replaced with HRES.
41	Annex B Technical Specs	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", Paragraph 1.8.1 General System considerations "The GPV shall make use of existing UNHCR diesel generators at site whenever possible."</p> <p>Does UNHCR be able to provide the model and technical manual of the local diesel genset controller accordingly?</p>	Yes, during the secondary bidding process. At that stage the LTA holders will be given the site-specific data and the generator specifications. Bidders will detail in their proposal what may be the technical limitations for doing so (only isochronous or droop-controlled diesel generator; maximum generator capacity, etc.). The architecture of the GPV shall be made in such a way that the loads can be powered by the GPV and the grid or the genset in parallel.
42	Annex B Technical Specs	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", Paragraph 2.8 Voltage and Frequency Stabilizers "Stability in terms of voltage and frequency will be needed and as stabilization may be needed for systems that use renewable energy and that renewable energy may be able to be fed back into the grid, stabilizers and converters should be able to allow current flow in both directions."</p> <p>The Hybrid inverters and Battery Backup Inverter already can provide such voltage and frequency stabilizer functions, Can the voltage stabilization and frequency stabilization device be cancelled?</p>	If it is not needed because already integrated in the inverter then yes this device does not need to be added.
43	Cover	<p>According to the requirements of "Cover_2022_RFP_010", Page 1, the closing date and time: 21/08/2022 – 23:59 hrs Geneva time</p> <p>Due to the short time frame for this proposal, we would highly appreciate if UNHCR could consider extending the bid closing date to 08/09/2022 – 23:59 hrs Geneva time to enable bidders prepare competitive offers.</p>	The deadline of submission for this RFP has been extended to 31 August 2022 at 23:59 hrs. Geneva time, and the deadline for receipt questions for this RFP has been extended to 19 August 2022 at 23:59 hrs. Geneva time.
44	Technical specs	The technical requirements for the enclosures state that IP65 is required. In case 2 it is described that a room is available for the enclosures. Is IP65 still a requirement when the enclosures are installed indoors?	Yes
45	Technical specs	The technical requirements for US inverters state 100/127V for a single phase in one line and 110/120V in another line. Please elaborate.	The inverters should be compatible for the countries of latin american region where the single phase voltage is 120 V
46	Annex B, Section 2.6.2.2 Technical requirements of grid-tied inverters.	For single-phase inverters, the maximum noise emission is set to 25 dB. We find this value quite low, excluding many renowned manufacturers. Could it be a possibility to increase this maximum value to 30 dB, especially taking into account that the inverters can be installed inside the container?	Yes. This is acceptable.
47	Annex B, Section 1.8.3 GPV capacities.	The PV capacities are calculated as 1.5 times the PV inverter capacities. We find this overload ratio (kWp/kW) a bit high, and it may result in an excessive overload of the PV inverters which may reduce their lifetime. Can we use a more standard overload ratio like 1.2-1.3?	The PV capacity equal to 1.5 the inverter capacity is recommended. Bidders are free to come up with a different ratio in order to comply with the specific requirements of their own equipments.
48	Annex B	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", Paragraph 2.10 Solar Panels Cleaning Kit "Microfiber wash sleeve"</p> <p>Could you provide the picture and size of the Microfiber Wash Sleeve?</p>	This item shall be proposed by the bidder. An alternative item might be acceptable as long as it fulfills the same function.
49	Annex B	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", Paragraph 2.10 Solar Panels Cleaning Kit "Microfiber cleaning cloth"</p> <p>Can we use scouring pad instead of Microfiber cleaning cloth?</p>	Bidders can propose alternative cleaning equipment as long as it is defined as acceptable by the PV manufacturer.
50	Annex B	<p>According to the requirements of "Annex B_Tech Specs_2022_RFP_010", Paragraph 2.10 Solar Panels Cleaning Kit "Pressure washer: ≥2200psi (122-bar)"</p> <p>Is the pump pressure value ?</p>	No

51	Bid Submission Deadline:	<p>Q: In order to provide you with the most professional offer possible we kindly ask you to confirm an extension of the bid submission deadline with a minimum of 4 weeks from receipt of clarification replies? The clarification deadline is too close to the bid submission deadline and due to the comprehensiveness of this LTA we will need more time in order to get all correct documentation from suppliers incl. needed time for design and pricing of this LTA.</p> <p>Q: Please confirm that the clarification deadline will be extended and updated together with bid submission deadline?</p>	The bid has been open for clarification questions since 24 June. No further extensions are considered at this point.
52	TOR 4.2.1. Mandatory Documentation 2. Audited financial statements of the company/lead company for the last three (3) complete fiscal years: a. For a company, financial statements of parent company may be included if the parent company will guarantee the obligations of the applicant	Q: as our company is already Level 4 within the UNGM member system and our audited financial reports have been uploaded, is it still mandatory to provide a "financial statements of parent company may be included if the parent company will guarantee the obligations of the applicant" ? pls. clarify	Yes
53	<p><b>7.1.4 After-Sales services requirements</b></p> <p>Bidders are requested to provide a detailed AS plan including templates and detailed methodology. <del>The documents provided will detail how Bidders intend to comply with the requirements detailed in Error! Reference source not found. Error! Reference source not found.</del></p>	Q: under TOR , pls. clarify this missing lines...	The documents provided will detail how Bidders intend to comply with the requirements detailed in 3.3 AS tasks and 3.4 AS reporting.
54	<p><b>7.2.4 After-Sales services requirements</b></p> <p>Bidders are requested provide a detailed AS plan including templates and detailed methodology. the documents provided will detail how Bidders intend to comply with the requirements detailed in <del>Error! Reference source not found. Error! Reference source not found. and Error! Reference source not found. Error! Reference source not found.</del></p>	Q: under TOR , pls. clarify this missing lines...	Bidders are requested provide a detailed AS plan including templates and detailed methodology, the documents provided will detail how Bidders intend to comply with the requirements detailed in 3.3 AS tasks and 3.4 AS reporting.
55	<p>Cover_2022_RFP_010</p> <p>- UNHCR General Conditions for Provision of Goods and Services; General Conditions of Contract for Civil Works; Environmental Management Requirements; and Occupational Health &amp; Safety Requirements: Your technical offer should contain your acknowledgement of these conditions and requirements signing the <u>Annex C</u> documents.</p>	<p>Q: We don't fully understand your requirement of signing ALL the documents under Annex C as per below, can you pls. clarify:</p> <p>1) Annex C I. EN_General Conditions - Goods and Services There is NO place at the end of the document stating clearly where to sign and stamp</p> <p>2) Annex C II. EN_General Conditions of Contract for Civil Works - until p35, There is NO place at the end of the document stating clearly where to sign and stamp - on p36, there is also a copy of Performance Bond attached, but this document is not meant to be signed at this early stage of bidding process. It is only relevant after contract award.</p> <p>3) Annex C III. ENVIRONMENTAL MANAGEMENT REQUIREMENTS FOR CONTRACTORS 2022 03 22 - The first page are for your own staff for signature, so what do you want the bidders to sign ? - The rest of the documents are information and there is NO place at the end of the document stating clearly where to sign and stamp</p> <p>4) Annex C IV. OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS FOR CONTRACTORS 11032022 - The first page are for your own staff for signature, so what do you want the bidders to sign ? - The rest of the documents are information and there is NO place at the end of the document stating clearly where to sign and stamp So, as for all these 4 documents can you pls. clearly point out where bidders to sign?</p>	This is an error, the requirement for acknowledgement and agreement to the conditions set out in Annex C is found in section 3.1.4. of the Bidder Capacity Questionnaire.
56	<p><b>2.4.2 Content of the FINANCIAL OFFER</b></p> <p>Your separate <b>Financial Offer</b> must contain an overall offer in <u>a single currency</u>, either in US Dollars, Euros or in the currency of your company's country.</p> <p>The financial offer must cover all the goods / services to be provided (<u>price "all inclusive"</u>).</p>	<p>Q: what do you mean by "all inclusive" ? Can you pls. specify more ? The offer should be excl. installation cost, insurances etc. as this is pure EXW prices as per tender request (that means no, shipping cost, no installation costs should be incl.), is that correct understood?</p>	In the Annex F; prices are given EXW for the section 1, 2,3 (related to the pre-designed solutions). Prices are given all inclusive for the section 4, 5 and 6 (related to the case scenarios)
57	Annex B_Tech Specs_2022_RFP_010	Q: as bidder needs to fill and sign back some pages from this Annex B, can you pls. provide the copy in word editable format	Please note any documents required to be returned by the bidders can be found in Annex E&F
58	IEC Standards	Q: pls. clarify if you accept equivalent International Standards, such as Chinese Standards	Please see section 3.1.2 of the Bidder Capacity Questionnaire (Annex E) and Annex B, section 1.4,

59	Annex B_Tech Specs_2022_RFP_010, p33  <b>Section 3. Project Life Cycle</b>  Section 3 <del>Error! Reference source not found.</del> is given as an overview of what will be requested during the secondary bidding process. Bidders are not requested to provide any technical or financial returnable related to this section. The requirements described in this section are nevertheless applicable to Section 7 Case scenarios.	Q: can you pls. clarify if some text is missing ?	No text missing
60	Annex B_Tech Specs_2022_RFP_010, p34  <b>3.2 Phase 2 – Supply (shipping)</b>  The Supplier will be required to ship the non-containerized PPS in <u>Shipper Owned Containers (SOC)</u> INCOTERM to avoid unnecessary demurrage/port charges costs.	Q: but according to tender and financial schedule you only require EXW price (that means UN will pick up the non-containerized goods) from our supplier's factory, so this is not relevant except for the "containerized system" requirement. Can you pls. clarify	Section 3 of Annex B "is given as an overview of what will be requested during the secondary bidding process. Bidders are not requested to provide any technical or financial returnable related to this section. The requirements described in this section are nevertheless applicable to Section 7 Case scenarios."  Referring to question 56. Prices are given EXW in section 1 to 3 of the financial BOQ. Prices are all inclusive in the section 4 to 6 of the financial BOQ. Section 4 to 6 are related to the case scenarios.
61	3.3.3 Training Bidders shall describe a training plan for the UNHCR personnel in charge of operating the PPS to be conducted upon completion of construction works.	Q: is it required to provide a description of the Training at the first round of submission ?	Please note any documents required to be returned by the bidders are outlined in Annex E&F
62	Financial returnables, Annex F 4. Case scenario 1 - BESS - 30 KW 5. Case scenario 2 - HRES - 75 kW 6. Case scenario 3 - GPV - 150 kW  	Supply Phase for: 4. Case scenario 1 - BESS - 30 KW 5. Case scenario 2 - HRES - 75 kW 6. Case scenario 3 - GPV - 150 kW Q: we don't understand this request in the Annex F as per TOR request, EXW incoterms prices are requested only. All the extra items under "Supply phase" such as Int. shipping cost, local transportation cost, insurance, storage are only relevant during secondary bidding process, when bidders know more about the final destination/countries, these incoterms could eg. be DAP or DPP. The request under "Supply phase" is not possible to provide during first round of bidding process unless you can provide final destinations/countries for this first round bidding phase. Pls. clarify and revise the Financial returnables, Annex F accordingly Q: insurance, pls. clarify if it is shipping insurance or insurance during installation ? Normally it is the Country Office who cover the insurance after the goods have been handed over on site Q: Storage of equipment. as bidders don't know the final destinations / countries, pls. clarify how to price it ? If it is a mistake can you pls. revise the part and resend a new Annex F Q: As per attached Financial Sch, it clearly says Core items EXW price, but incl. customs... ? (pls. refer to below printscreen with remark) Incl. customs should be then changed to incoterms DDP and can never be EXW incoterms, so this is very confusing for bidders to bid and make it transparency. Pls. clarify do you purely need EXW or DDP ? Q: if DDP then it is only possible to provide this cost if bidders know the exact country / final destination.	A1. Project location and site-specific information for the 3 case scenarios is given in the Annex B A2. This is about the insurance that may be subscribed to by the supplier during the supply phase A3. Project location of the 3 case scenarios is given in Annex B. This storage of equipment is related to potential cost that may be need to be covered by the supplier as part of the supply phase of the project. A4. Prices in section 1-3 of the financial offer are EXW. In the section 4-6 they are all inclusive. A5. Prices related to section 4-6 are all inclusive. They are not DDP. The supplier will be responsible for the importation of equipment, transportation, unloading, storage and installation/testing & commissioning of the PPS.

63 | Picture/print screen belongs to Question S/N 62

<b>4. Case scenario 1 - BESS - 30 KW</b>					
Minimum investor capacity (KW):				30	Total cost [USD]
Item	Description	Unit	Unit cost [USD]	Qty	
<b><u>Core items (ex work prices)</u></b>					
<b><u>Optional and variable items</u></b>					
Powderhouse		Unit	0	1	0
Cabling					
AC cable: 0-10m		m	0		0
AC cable: 11-30m		m	0		0
AC cable: 31-60m		m	0		0
AC cable: >60m		m	0		0
DC cable: 0-10m		m	0		0
DC cable: 11-30m		m	0		0
DC cable: 31-60m		m	0		0
DC cable: >60m		m	0		0
Spare & Miscellaneous item					
Additional item					0
Additional item					0
Additional item					0
Additional item					0
Additional item					0
Additional item					0
Additional item					0
Additional item					0
Supply phase					1
International shipping cost (maritime) + port customs		Unit		1	0
Local transportation costs (road)		Unit		1	0
Licence		Unit		1	0
Storage of equipment		Unit		1	0
Additional item				1	0
Additional item					0
Installation & Training phase					1
Administrative work, request for the necessary authorization					1
Installation, testing & pre-commissioning		Unit		1	0
Training of local operator		Unit		1	0
Additional item					0
Additional item					0
After-Sales Services					1
Provision of AS during 5 years		Unit		1	0
Additional item					0
Additional item					0
Additional item					0
Total cost					

Please see answer in the above cell.
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Installation & Training phase		
Administrative work, request for the necessary authorization	Unit	1
Installation, testing & (re)commissioning	Unit	1
Training of local operator	Unit	1
Additional item		
Additional item		
Additional item		

Q: the same clarification for "Installation & Training phase" is needed. As bidders don't know the final destination, country, we don't know the cost for this jobs yet. Pls. clarify and revise the Financial returnables, Annex F accordingly

Q: normally it is UNHCR who arrange with local authorities to grant necessary authorization, such as work permits. Bidders should not do it, pls. clarify what do you mean by "Administrative work, request for the necessary authorization" ?

Again, as bidders don't know the final destinations / countries, pls. clarify how to price it ?

If it is a mistake can you pls. revise the part and resend a new Annex F

ne	A1. Destination is given in Annex B
	A2. As per Annex A: Supplier is responsible for all construction related permitting whilst UNHCR is responsible for all ownership related permitting.

After-Sales Services			
Provision of AS during 5 years	Unit		1
Additional item			
Additional item			
Additional item			

Q: pls. clarify if After Sales Service is incl. maintenance services too ?

a) If incl. maintenance service. How many times per year do you want ? this will effect the cost.

b) As Bidders don't know which final destinations / countries and how remote (distance for driving) the sites are thus the cost will vary a lot. Pls. clarify how to price it ?

c) If it is a mistake can you pls. revise the part and resend a new Annex F

	Please refer to section 7.1.4; 7.2.4; and 7.3.4 in the Annex B
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66	<p>However, for emergency purchases of simple/standard systems, UNHCR may go directly to an LTA holder without going through the secondary bidding process. Together with this TOR, the UNHCR General Conditions of Contracts for the Provision of Goods and Services will apply.</p>
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Q: Kindly confirm that inquiries/orders will be under secondary bidding, meaning that the prices offered is for reference, but not binding? Markets are currently having huge fluctuations in prices, raw materials, transport etc. Bidders will therefore be required to make a offer, which secures possible increases accordingly.

s	Please see bid cover section 2.4.2 Content of the FINANCIAL OFFER
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67	System's Control	<p>Q: Can you please specify the meaning of the following sentence (page 10, section 1.7.1, second paragraph): "The architecture of the HRES shall be made in such a way that the loads can be powered by the HRES and the grid or genset in parallel" Can you please confirm that the loads have to be powered either only by the solar system or only by the grid/genset? In other words, when the PV system cannot supply the loads entirely, do we have to change the source of power to grid or genset with an ATS, for example?</p>	<p>The loads shall be powered by the PV system AND the grid or genset in parallel (hybrid power system: one source of power is grid forming and the others are grid following).</p>								
68	Case Scenarios	<p>Q: Please indicate if the case scenarios are 30 kW, 60 kW and 150 kW (note that during the Annex B: Technical Specs it is mentioned 15,60 and 150 kW)</p> <p>Bidders are requested to provide the technical design documents for a 15, 60 and 150 kW HRES. The minimum documents to be provided are listed in <b>Annex I: List of Technical Returnables</b>.</p> <p><b>7.1 Case scenario 1 - BESS - 30 kW - containerized</b></p> <p><b>7.1.1 Technical requirements</b></p>	30, 60, 150								
69	Technical returnable	<p>Q: Please note that it is a bit confusing as in the technical returnable, it mentions the "Technical Design Document (HRES) for the following capacities: 15, 60 and 150 kW" and also, "Technical design document (GPV) and (BESS)"</p> <table><tr><td>Technical Design Document (HRES) for the following capacities: 15kW, 60kW and 150kW</td><td>[enter attached document name (s) and page/section number]</td></tr><tr><td>Technical Design Document (GPV)</td><td>[enter attached document name (s) and page/section number]</td></tr><tr><td>Technical Design Document (BESS)</td><td>[enter attached document name (s) and page/section number]</td></tr><tr><td>Detailed timeline of "systems ready for shipping" once purchase order is created</td><td>[enter attached document name (s) and page/section number]</td></tr></table> <p>Could you please clarify if we need to provide a technical solution of the three different systems (HRES, GPV, BESS) for the three different capacities (15, 60 and 150 kW) aka 9 complete solutions? Also, for the submission of the first system (either 15 or 30 please clarify), please also clarify if it needs to be designed in single or three phase</p>	Technical Design Document (HRES) for the following capacities: 15kW, 60kW and 150kW	[enter attached document name (s) and page/section number]	Technical Design Document (GPV)	[enter attached document name (s) and page/section number]	Technical Design Document (BESS)	[enter attached document name (s) and page/section number]	Detailed timeline of "systems ready for shipping" once purchase order is created	[enter attached document name (s) and page/section number]	Please see question #25
Technical Design Document (HRES) for the following capacities: 15kW, 60kW and 150kW	[enter attached document name (s) and page/section number]										
Technical Design Document (GPV)	[enter attached document name (s) and page/section number]										
Technical Design Document (BESS)	[enter attached document name (s) and page/section number]										
Detailed timeline of "systems ready for shipping" once purchase order is created	[enter attached document name (s) and page/section number]										
70	AC and DC Cable	<p>Please note that it is very difficult to give a price for the DC/AC cabling as there are many different sections depending on the size of the systems. To give an example, the current flowing through the cables in the systems with 15, 60 and 150 kW output will be quite different from each other. Please note that it is not the same AC cable used for 15 kW inverter than for 150 kW inverter. The price schedule only reflects AC/DC cables and the quantity/length needed. Could you please propose a different alternative in the BoQ and Price Schedule in which the different size (cross section) can also be considered?</p>	Please see question #29								
71	BESS systems	<p>As we have understood, this tender is seeking for On-grid, hybrid and off-grid systems/inverters. Q: Is it allowed to offer on-grid inverters (for the GPV systems) and hybrid inverters for both HRES and BESS systems as long as the hybrid inverters can work in off-grid mode?</p>	The choice of inverter is left to bidders as long as it complies with the required specifications and required functions.								