

CLARIFICATION

In reference to contract notice n° 1.169/001.26.09.2007

Supply and Installation of photovoltaic units in Bedouin houses in Abu Zoneima, South Sinai, Egypt

and before providing you with the answers to your clarifications, we repeat the following

In order to assure fair and open competition, Tenderers should note that these Technical Specifications have been drawn up in accordance with the best knowledge of the Contracting Authority, taking into consideration all potential manufacturers of eligible production.

In a few certain cases, and in order to establish clear Specifications, where certain manufacturing materials have been specified it is understood that equivalent/better productions are acceptable. Offers that differ from the given specifications but are compliant in terms of the intended functionality and results of the tender technical specifications will be accepted. In this case, Tenderers are invited to indicate their proposed technology/materials, and provide a guarantee that the proposed solution achieves at least same requested functionality.

Q1	Your Document: Supply Procurement Notice. Clause 9 (Grounds for Exclusions) is referring to “Particular guide to contracts procedures for EC external Actions”. Please provide this document
A1	<i>Please refer to Invitation to Tender document</i>
Q2	Your Document: Instruction to Tenderers. Clause 1.1 (Supplies to be provide) is requesting DDP within 120 Days. Please advice period required for installation and commissioning for the whole project.
A2	<i>Please read Article 1.1 of Instructions to Tenderers</i>
Q3	Your Document: Instruction to Tenderers. Clause 6 (Currency) stating that payment will be in Euro, and also in Your Document (Special Conditions), Article 26 (Methods of Payment) is stating that payment will be in Euro; while your document Annex I, Clause 26.1 (General Principles) stating that payment can be paid in Euro OR National Currency. Please confirm.
A3	<i>Please read the introductory paragraph to Special Conditions</i>
Q4	Your Document: Instruction to Tenderers. Clause 11 (Content of Tenders), Part 2: Financial Offer stating that tender should provide for both mandatory and optional equipment while your document (Supply Procurement Notice), Clause 10 (Number of Tenders) is requesting only one offer with no alternative; in addition to your clause 20.5 (Variant Solutions). Please verify.
A4	<i>Please read as: (There are no optional equipment included in the scope of the supplies)</i> A financial offer calculated on a basis of DDP ¹ for the supplies tendered.
Q5	Your Document: Instruction to Tenderers. Clause 12.2 (Pricing), and also in your Document Annex I (General Condition). Article 16 (Tax and customs

¹ DDP (delivered duty paid) - Incoterms 2000 International Chamber of Commerce - <http://www.iccwbo.org/incoterms/id3040/index.html>

	arrangements), is stating that this project is exempted from all duties and taxes for both local and imported material.
Q5.1	Please confirm that you will provide documents which will facilitate customs clearance for imported material without any payments, and exemption from Sales Tax to be submitted to Sales Tax authorities
A5.1	<i>Please read Article 8 of the Special Conditions</i>
Q5.2	Please explain the procedures for all exemption (including stamps and registration) to be effective for local material and also imported material
A5.2	<i>Please read Article 2 of the Special Conditions</i>
Q6	Please provide List of countries applicable for the MEDA Program.
A6	<i>Algeria, Egypt, Israel, Jordan, Lebanon, Morocco, the Palestinian Authority, Syria, Tunisia</i>
Q7	Your Document: Special Conditions. Article 26.1 (Method of Payment), is stating that payment will be done 60% down payment and 40% after provisional acceptance. Please advice payment conditions for other services (Installation, Maintenance, Training, etc...).
A7	<i>Please read Article 6 of Procurement notice :” Description of the contract”</i>
Q8	Your Document: Special Conditions. Article 31 (Provisional Acceptance), is not clear whether Provisional acceptance will be done for supplies only and then installation and other services or as stated before for Only Supplies. Please verify.
A8	<i>Please read Article 6 of Procurement notice :” Description of the contract”</i>
Q9	Your Document: Annex I (General Condition). Article 11 (Performance Guarantee), is stating that Performance guarantee shall be in the range of 5% □ 10%; while Your Document: Supply Procurement Notice, Clause 12 (Performance Guarantee) is stating that the performance guarantee is 10%. Please advice actual percentage of Performance guarantee.
A9	<i>See Answer A3</i>
Q10	Your Document: Annex II + III (Technical Specifications + Technical Offer). Item No. 2 (Charge Regulators):
Q10.1	Operating Voltages required is 12 VDC, while Inverter Input Voltage is 24 VDC. Please note that System operating voltage should be the same. Please advice required system operating voltage.
A10.1	<i>Both voltages can be accepted, provided that full functionality is achieved</i>
Q10.2	Maximum input No. 1./load□output current: 15A & Maximum input No. 1./Input No. 2 current: 15A, are not clear specs. Please verify.
A10.2	<i>Please read carefully the TS, they are sufficient to identify needs</i>
Q10.3	Max. Power at the module inputs No. 1 and No. 2: 250 W. Please note that total modules power required by your specs is 320 Wp. Please verify.
A10.3	<i>Please read carefully the TS, they are sufficient to identify needs</i>
Q10.4	8 jumpers easily positionable with connectors. Please advice functions of these jumpers.
A10.4	<i>Jumpers are part of the electrical system to grant the functionality.TS are</i>

	<i>confirmed</i>
Q11	Your Document: Annex II + III (Technical Specifications + Technical Offer). Item No. 4 (Batteries):
Q11.1	Batteries required to be placed in a protected place. Please verify whether the batteries will be installed inside or outside the house.
<i>A11.1</i>	<i>Batteries must be installed in a protected place. We cannot pre-accept any offer via clarifications</i>
Q11.2	For safety reasons, batteries would be installed in an enclosure. Please advice enclosure technical specifications
<i>A11.2</i>	<i>We confirm provided Technical Specification, they are sufficient to identify needs</i>
Q12	Your Document: Annex II + III (Technical Specifications + Technical Offer). Item No. 5 (Inverter 24V):
Q12.1	Input Voltage is 24 VDC, while Controller Voltage is 12 VDC. Please note that System operating voltage should be the same. Please advice required system operating voltage.
<i>A12.1</i>	<i>See answer A10.1</i>
Q12.2	Please confirm that Refrigerator is 80W; in addition, please advice Refrigerator surge capacity as it will affect the selection of the inverter. Please note that 8 ft Refrigerator is 125 – 150W.
<i>A12.2</i>	<i>There is no mention of refrigerator in TS, which are sufficient to identify needs</i>
Q13	Your Document: Annex II + III (Technical Specifications + Technical Offer). Item No. 6 (Kit Accessories): Aluminum profile to support PV module are required to be flat roof. Please advice technical specifications of house roof to design the support accordingly. Alternatively, we can design aluminum frames to be installed on the ground outside houses. Please advice.
<i>A13</i>	<i>The successful tenderer has to check the roof of the bedouin houses to grant correct installation and functionality. Please be informed that via clarification we cannot pre-accept any offer</i>
Q14	Your Document: Annex II + III (Technical Specifications + Technical Offer). Item No. 7 (External Lighting System):
Q14.1	Installing batteries underground in concrete box will increase battery temperature, which will consequently shorten battery life time.
<i>A14.1</i>	<i>All the Technical specifications for the quality and type of batteries are confirmed. Regarding installation, a suitable ventilated protection box fixed at the pole can be accepted</i>
Q14.2	It would be better to use battery box with Air Vents for installation of Batteries that can be fixed at the top or the bottom of the pole
<i>A14.2</i>	<i>See Answer A 14.1</i>
Q15	Your Document: Annex II + III (Technical Specifications + Technical Offer; does not include other services required in your technical specifications such as Installation, Training, etc....., please advice where should we quote these services.
<i>A15</i>	<i>Please read all documents of the Tender Dossier carefully</i>

Q16	With reference to item 1 the modules are required of 80 Wp power. Our std.modules have a power of 75 Wp.. Pls confirm that 75 Wp is acceptable.
A16	<i>Please read carefully the TS. The total installed power of the modules has to be at least 320 Wp</i>
Q17	For internal lighting: 1- We believe the volt of charge regulator must be 24v d.c or 12/24v d.c (automatic) instead of 12v d.c. 2- What is the operating time/day (hours/day) of the six lamps (13 watt 230v)? 3- Is there a switch (on-off switch) with every lamp? 4- What is the operating time/day (hours/day) of the T.V. and the refrigerator?
A17	<i>We confirm provided Technical Specifications, they are sufficient to identify needs</i>
Q18	For External Lighting
Q18.1	1- For the candle foot of 12 LED white lamp 13w(that means 12 LED consume 13 watt): a) what is the luminous intensity of every LED b) what is the view angle of every LED c) what is the occupation area of the 12 LEDs and the x-y distance between each other d) are these 12 LEDs soldered in printed circuit board (pcb) and covered with A glass for protection e) what is the operating time time/day (hours/day) of that candle foot
A18.1	<i>We confirm provided Technical Specifications, they are sufficient to identify needs</i>
Q18.2	we believe the photovoltaic module of 80 watt is over design for this candle-foot of 13 watt, as two of these candle-feet (13+13= 26 watt) can operate from sunrise to night (12-14 hours) every day.
A18.2	<i>We confirm provided Technical Specifications</i>
Q19	For the LIGHT POLE As we executed the project of traffic signs (u-turn project), we believe it is better to fix the battery as in the attached photo to avoid the collection of rain and get good ventilation to increase the lifetime of the battery.
A19	<i>See Answer A 14.1</i>