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CLARIFICATION NR: 1

24.04.2014

Dear Sir/Madam,

Subject : Clarification Nr. 1 to Request for Quotation to Procurement of Turnkey Measurement and Monitoring System for Solar Irrigation Systems

Ref : UNDP-TUR-RFQ-PROJ(RE)2013/07

Further to inquiries from prospective offerors, we hereby provide you with answers to questions to enable you to submit technical and financial proposals in relation to our RFQ dated 08.04.2014, with reference number UNDP-TUR-RFQ-PROJ(REEE)2014/07.

You are kindly expected to prepare your proposals with the consideration of the **answers to the questions**, provided in the Attachment 1 of this letter. Please submit your proposals at the latest **by 30 April 2014, 17:30 hrs local time** to the address stipulated in our solicitation documents.

Yours sincerely,

Matilda Dimovska

Deputy Resident Representative

Attachment 1: Questions and Answers (4 pages)

Clarification Nr. 1 to Request for Quotation to Procurement of Turnkey Measurement and Monitoring System for Solar Irrigation Systems / UNDP-TUR-RFQ-PROJ(RE)2013/07

ATTACHMENT I. Questions and Answers

#1	Question	Could you kindly clarify whether bidders who have legally been established and are currently operating abroad would be eligible for the tender? If so, could you please clarify what will be the currency of contract and currency of payment if a contract is awarded with a bidder legally established abroad?
	Clarification / Answer	Bidders who have legally been established abroad would be eligible for the tender. In such cases, to secure comparability among the financial proposals, the bidders are requested to provide their price proposals in TL. In case a bidder legally established abroad is awarded with a contract, the currency of the contract will be TL. However the payments will be made in USD and be calculated through converting TL amount into USD amount through using UN Operational Exchange Rate (UN OPEX) for USD/TL effective at the date of issue of the payment.

#2	Question	In case where the bidders have legally been established and are currently operating abroad, could you please clarify whether the supporting documents listed in Annex 3 shall be provided as apostille stamped?
	Clarification / Answer	The bidders who have legally been established and are currently operating abroad, shall provide supporting documents listed in Annex 3 as apostille stamped.

#3	Item #	Items 1,2,3,4,5
	Specification	Warranty and Maintenance Conditions
	Question	Could you please clarify (i) the duration for troubleshooting services at the stations and (ii) the duration for the repair services?
	Clarification / Answer	As indicated in the solicitation documents, the contractor shall have a technical support team, able to provide troubleshooting services at the stations, when required, within 24 (twenty four) hours. Upon identification of the problem(s) during the troubleshooting period, any system problem occurred within the warranty period shall be fixed by the contractor, within 10 (ten) days, following the receipt of the written notification sent to the contractor by the administrator.

#4	Specification	6.2 Technical Issues
	Question	Could you please clarify the delivery period for all good specified in the solicitation document?
	Clarification / Answer	All goods specified in the solicitation document will be delivered and installed at the specified addresses within 40 days following the signature of the Purchase Order by the Contractor. The offered equipment should be delivered with the required configurations and settings concluded.

Item #	Items 1,2,3,4																						
Specification	Quantities of the Equipment																						
Question	The quantities of the equipment are not specified in the bidding documents. Could you please clarify the required quantities?																						
Clarification / Answer	The equipment shall be supplied in sufficient quantities to conduct the measurements identified in the technical specifications. The contractor shall supply a turn-key measurement and evaluation system for all solar irrigation fields. The technical specification sheet, as an example, contains the following definition: “Voltage, current, and power of the solar photovoltaic modules shall be measured at the input point of control unit. The voltage measurement range shall be 0 – 400 VDC and the current measurement range shall be 0 – 100 A. The measurement accuracy of the sensors shall be $\pm$ % 1.” The definition above does not specify the number of the sensors to be employed. The contractor shall supply the system with the least number of sensors, to properly and accurately conduct the measurements, and the devices shall have the defined specifications. The basic technical characteristics of the solar irrigation systems for each location are given below, as a reference: ITEM 1 – Pollen Seracılık Ltd., İpekyolu Üzeri, Eski Yol Mevkii, 7. Km., Nusaybin, Mardin, Türkiye <table border="1" data-bbox="855 383 1078 1536"> <thead> <tr> <th>System Definition</th><th>Off-Grid with Battery</th></tr> </thead> <tbody> <tr> <td>System Components</td><td>Quantity</td></tr> <tr> <td>Solar Photovoltaic Panel, 200 Wp</td><td>10 Pieces</td></tr> <tr> <td>DC Solar Pump, 600 W</td><td>1 Piece</td></tr> <tr> <td>Solar Battery, 150Ah @ 12VDC</td><td>8 Pieces</td></tr> <tr> <td>Solar Charge Controller, 40A @ 48VDC</td><td>1 Piece</td></tr> </tbody> </table> ITEM 2 – Kilis İl GTH Müdürlüğü, Ebulule Mahallesi, Mercidabık Caddesi, No: 1, Kilis, Türkiye <table border="1" data-bbox="1174 383 1366 1536"> <thead> <tr> <th>System Definition</th><th>On-Grid without Battery</th></tr> </thead> <tbody> <tr> <td>System Components</td><td>Quantity</td></tr> <tr> <td>Solar Photovoltaic Panel, 240 Wp</td><td>42 Pieces</td></tr> <tr> <td>3-Phase Grid-Connected Inverter, 10 kW</td><td>1 Piece</td></tr> <tr> <td>Double-Direction Current Meter</td><td>1 Piece</td></tr> </tbody> </table>	System Definition	Off-Grid with Battery	System Components	Quantity	Solar Photovoltaic Panel, 200 Wp	10 Pieces	DC Solar Pump, 600 W	1 Piece	Solar Battery, 150Ah @ 12VDC	8 Pieces	Solar Charge Controller, 40A @ 48VDC	1 Piece	System Definition	On-Grid without Battery	System Components	Quantity	Solar Photovoltaic Panel, 240 Wp	42 Pieces	3-Phase Grid-Connected Inverter, 10 kW	1 Piece	Double-Direction Current Meter	1 Piece
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ITEM 3 – Gündaş İstasyonu, Gündaş Köyü, Suruç Yolu Üzeri, 16. Km., Akçakale, Şanlıurfa, Türkiye

System Definition	Off-Grid without Battery
System Components	Quantity
Solar Photovoltaic Panel, 200 Wp	18 Pieces
DC Solar Pump, 3500 W	1 Piece

ITEM 4 – Kepirli Köyü, Mardin Yolu Üzeri, 15. Km., Gercüş, Şanlıurfa, Türkiye

System Definition	Off-Grid without Battery
System Components	Quantity
Solar Photovoltaic Panel, 200 Wp	18 Pieces
DC Solar Pump, 3500 W	1 Piece

#6	Specification	Validity of Quotations
	Question	Could you please clarify the duration for the validity of the quotation?
	Clarification / Answer	The quotations shall be valid for at least 90 days following the deadline for submission.

#7	Specification	Performance Bond
	Question	Could you please clarify when and by whom the Performance Bond shall be submitted?
	Clarification / Answer	Prior to the contract signature, the successful Bidder shall provide Performance Bond which should be issued by an acceptable accredited bank as presented in line with the Performance Bond template (Annex 5) at the rate of 10% (ten percent) of the total contract amount. The bidders are <u>not</u> requested to provide Performance Bond along with the quotation.

#8	Item #	Items 1,2,3,4,5
	Specification	Wireless Internet Connection
	Question	Could you please clarify the subscriber of the GSM network as referred throughout the solicitation document?
	Clarification / Answer	The GAP Regional Development Administration will subscribe to the GSM network and will meet the costs in relation to this subscription.

#9	Item #	Items 1,2,3,4,5
	Specification	Technical Specifications
	Question	Could you please clarify whether the bidders are requested to provide response to the technical specifications?
	Clarification / Answer	The bidders are requested to confirm acceptance of each and every technical specification through writing "Yes" into the respective column and provide the names of the brand and manufacturer and the origin of the manufacturer for each item. The Bidders may propose items with alternative technical specifications. In this case, the proposed alternative technical specifications shall be explained in detail and shall meet and/or exceed the technical specifications requested in the present solicitation document. The bidders are requested to provide details of alternative technical specifications within the respective column of the concerned item.

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