**UNDP- ETH-00014 : Supply and Installation of Solar PV Systems and Appliances for Selected Demonstration Sites in Ethiopia**

**Clarification: No 7.**

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| **SN** | **Query** | **Answers/ clarification** |
| **1** | For the Solar PV  irrigation System, please see the diagram(FIY) and provide the following information:  1. Dynamic Water Level  2. Static groundwater level | The bidder starts preparing a DETAILED technical design report  According to survey data，  Well depth =164 m  Well diameter = 12 inch  Static water level = 0m  Dynamic Water = 43.3m |
| **2** | According to the review by our tech team, the pump can't start to work with the only power generated from PV modules, due to insufficient starting current. The problem can be solved by increasing the PV modules or using exra diesel engine ect.  Where does the electricity of existing pumps come from?  Is there any other alternative way for the energy supply of the Pump?  Shall we design and quote according to the list provided in the tender(TOR)? | Please note that, the provided information for pumping the water is sufficient and stick to the descriptions and requirements provided in the ITB. |
| **3** | 1)Payment: 20% deposit of total bid amount could be agreed after signing the contract, but another 60% deposit of bid amount should be paid before the goods loaded. The balance could be paid after Installation and Commission.2)Our company will send 2 engineers to Ethiopia for Installation , Commission and training. We agreed to provide the training material in English. And our two engineers will teach the workers (in each demonstration sites) how to operate the system and do regular checks or maintenance. But our engineers will only stay there 1 months after installation and commission.3)We have no service centers or authorized partnering agents in Ethiopia .But we could provide engineering support by vedio meeting or send our engineers to Ethiopia one or two times in the first year, if necessary. | 1. For issues related with payment, we have indicated in one of the attachments under overview section of the bid ( attachment: Other requirements) and stick to the payment milestone indicated there. 2. You can send your enginer and we are OK with this. ( but refer response 3) 3. We have indicated the local; service support in our bid ( refer attachment under Overview Section: : Other requirements ): which is read as follows:   *Technical support must be available for a minimum period of one (1) year. The bidders need to have service centers or authorized partnering agents in Ethiopia for providing in-country or on-site support and provide detailed information and agreement for the services.*  *Hence, we need you to have a local support center for or partner in Ethiopia.* |
| **4** | Due to the rare production of the specific Module, few module suppliers provide the warranty for 15years. It is much variable to cut the warranty period to 12 years. Is that possible?Plz confirm that | Please stick to the warranty requirements for Solar module which is read as: The supplier needs to provide a warranty period of: a) 15 years Warranty for the Solar Module. |
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