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

**Clarification Round 5**

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| **SN** | **Query** | **Answers/ clarification** |
| **1** | Please confirm the required pump type. is it submersible pump or surface pump? | The pump type is submersible pump. |
| **2** | If it is surface pump, please confirm positive head and negative head of the pump, suction and discharge diameter . | The pump type is submersible pump. |
| **3** | We understood there is an existing bore well. Please confirm is there any pump already installed at site or not? If pump already installed at site, please confirm pump type, discharge/outlet  diameter of the pump  and diameter of bore well. | Please refer to the specifications provided in the TOR. The existing pump on site will be replaced after the installation of the solar PV pump as per the TOR. |
| **4** | We understood the local works such as lifting of pumps from the bore well, pipes and connection of the suitable pipes shall be under scope of buyer | Please refer to the specifications and requirements in the TOR. Auxiliary material, such as cables, pump lifting, pipes, and connections, should supply to ensure the system operation. |
| **5** | The capacity of the batteries is different for the three solar sites the 1st is 250Ah, the second and the third ones it is 200Ah for the same specification as the first site. Please confirm. We also need more data for the pump mainly the discharge / flow rate. | Please refer to the answers in another rounds of clarification, we have confirmed that, Battery Specification in Kara Primary School and Semire Primary School are the same: dc 12V 250Ah (indicated in ToR)  . |