**Clarifications**

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| Tender: | ERDF.05.0121 – Tender 034  Tender for Mechanical and Electrical Engineering as part of ERDF Project ERDF.05.121 – Wildlife Rehabilitation Centre |
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| No | Clarification |
| Q 1 | **Query**  Please clarify, As per the technical specifications Section 4.4: MATERIALS SPECIFICATION - UPS SYSTEM- The rating for the UPS is 2kVa, where in the BOQ Bill 1: Electrical- Item 1.003 and drawing NT-XG.ESC.AS.01 , the UPS rating is 10kVa. Kindly confirm which will precede. |
| **Answer**  The UPS Shall be 2kVa as per spec. |
| Q2 | **Query**  Bill 1- Item 1.138: Distribution 'DB-AV' is not shown in the schematics. Kindly confirm and provide necessary details. |
| **Answer**  DB-AV is omitted from scope |
| Q3 | **Query**  Drawing NT-XG.ESC.AS.02 - Main Tank Controller not found in BOQ. Kindly confirm and provide necessary details. |
| **Answer**  Motor Control Panels are included in BOQ items – 1.143 – 1.158. |
| Q4 | **Query**  Drawing NT-XG.ESC.AS.01 - Ventilation Control Panel 'VCP-A' not found in BOQ. Kindly confirm and provide necessary details. |
| **Answer**  The scope of this tender is the electrical supply to the VCP, as the VCP itself forms part of a separate tender. |
| Q5 | **Query**  Bill 6 – Item 6.017 - Temperature Sensor specifications?. Kindly provide necessary details. |
| Answer  Temperature sensors shall be of 2 types, one water temperature sensor that shall be located within the rehabilitation tanks and the thermal accumulator tanks, while the other temperature sensor shall be suitable to read the ambient air temperature as indicated in Specification Clause 5.3.12 Rehabilitation Tanks Motor Control Panel. The temperature sensors shall be of the electronic, no volt contact, fixed temperature type and shall be set in operation as per Specification Clause 5.3.12. |
| Q6 | **Query**  Bill 6 – Item 6.018 - Water Level Sensor specifications?. Kindly provide necessary details. |
| **Answer**  The water level sensors shall be of the electronic, no volt contact, fixed level type and shall be set in operation as per Specification Clause 5.3.12. Water level sensor shall be able to be calibrated to portray water levels within the tanks as a percentage.( 0-100%). |
| Q7 | **Query**  From where the supply of the Heat Exchangers will be taken? |
| **Answer**  Water supply to the Heat Exchangers will be supplied from the thermal accumulator as per Plumbing Layouts and Schematics. |
| Q8 | **Query**  Motor Control Panel 'MCP-##' schematic shows that it will control 5 valves while on the Tank typical schematic, 15 valves are shown. Will these be controlled from the 'MCP-##'? |
| **Answer**  The MCP shall control only the motorized valves as specified, the rest of the valves are manual valves used for isolation purposes. |
| Q9 | **Query**  Bill 6 - Item 6.018 - Pump pressure Sensor specifications? |
| **Answer**  The pressure sensor shall form an integral part of the booster pump control itself as per Specification Clause 5.3.9. It shall be suitable to read the pressure in the system. This shall in turn control the variable speed drive of the pump to keep a constant pressure in the system as per Specification Clause 5.3.9. |
|  | No More Queries so far |

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| Deadline for request for any additional information from the NGO  **Clarification requests should be addressed to: *info@naturetrustmalta.org*** | Wednesday 30th June 2021 | 12:00 hrs  (noon) |
| Last date on which additional information can be issued by the NGO | Monday 5th July 2021 | 12:00 hrs  (noon) |

Date of Document – 04 July 2020