



# ISLAMIC RELIEF

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*“Inspired by our Islamic faith and guided by our values we envisage a caring world where communities are empowered, social obligations are fulfilled and people respond as one to the suffering of others.”*

## **Addendum No.1 (Tender Pack – Supply and Installation of Automatic Weather Station)**

Subject: **SUPPLY AND INSTALLATION OF AUTOMATIC WEATHER STATION-QUETTA**

Following amendments in **Annex-A** - of the Tender pack - Supply and Installation of Automatic Weather Station i.e. Technical specifications are made:-

### **Technical Specifications**

#### **Page 16:**

##### **1, Supplier Responsibilities,**

##### **3, Scope of Work,**

##### **4. Technical Specifications of Automatic Weather Station (AWS) of the tender Pack:**

- The training will be conduct on site in the premises of Pakistan metrological department at Quetta & the proposed system will be integrate with the system of PMD AWS network.
- The after sale services will be provided to those components like sensor / Electronic devices which will be malfunction,
- The tower will be of Galvanized instead of Aluminum.
- The provided weighting mechanism should be equivalent to”pluvio” & of WMO standard.
- Yes the top tube of tower is 1.5 m & the mounting sensors are **Wind wane & Anemometer**. The mounting height of sensors are of 33 feet with cable length of 35 to 40 feet from sensor to data logger.
- The visibility sensor is not required.

#### **Page 19:**

##### **6 B SOLAR PANEL &**

##### **ii) STORAGE BATTERY of the tender Pack**

- The solar panel should be compatible with data logger.
- The battery should also be compatible with solar panel & data logger.

#### **Page 20: b) Relative Humidity Sensor according to WMO in the tender Pack:**

- The humidity & temperature sensor will be install on 10 feet above the ground & therefore 05 meter cable is enough to connect from sensors to data logger.

#### **Page 24: 8 Data Communication (GSM / GPRS COMMUNICATION SYSTEM with Software) of the tender Pack:**

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- GSM/GPRS based communication is for remote communication. However, the Ethernet switch is required for local configuration. GSM / GPRS is more reliable at the place of installation.

**Page 25:**

**11. Installation,**

**12. Factory Acceptance Tests (FAT) & Availability of Spare Parts of the tender Pack**

- Technical Expert of supplier will install the system
- It is mandatory for supplier that he should undertake the guarantee of all spare parts for the period of 10 year. If the spare parts are no longer available in future, supplier should identify a substitute of item that will be similar in form & fit.
- It is essential that, manufacturer should submit the test procedures before shipment & supplier/ contractor is responsible to submit the test procedures to Islamic Relief.

**Page 26: 15 Packaging – Breakup of Equipment & Services of the tender Pack:**

- The UPS is not proposed for system. It is required to run PC & that will be connected via Ethernet cable to the data logger. The specification of UPS is 400 watts, 650 VA, Automatic voltage regulator, Universal outlet 230 volt.

**Page 27: 15 Packaging – Breakup of Equipment & Services of the tender Pack:**

- The training will be delivered/imparted in the premises of Pakistan metrological department Quetta & it will be on job training.

2. Rest of the contents of the Tender Pack shall remain the same.



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