



Securities and Exchange Commission of Pakistan  
63-NIC Building, Blue Area, Islamabad  
(Support Services Division)  
(Administration Department)  
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**Subject: Purchase of Environmental Monitoring System**

The Commission intends to purchase Environmental Monitoring System for Karachi Data Centre alerts. Specifications/feature set given below (Annex-A)

**Terms & Conditions**

- **Interested Firms must be** registered with sales tax department and having national tax number (NTN).
- **Price** must be inclusive of all taxes applicable by Govt. of Pakistan.
- **Delivery** time within one week of receiving of P.O.
- **Validity** Minimum 30 Days from quoted date.
- **Bid Submission** Time as given on SECP website.
- **Warranty Period:** 01 years repair or replace warranty (if applicable).
- **Quantity** mentioned may increase or decrease.

**If you are interested, please submit sealed quotation for the above item to the undersigned SECP, 63-NICL Building, Jinnah Avenue, Blue Area, and Islamabad within the specified period.**

With best regards.

M. Ubaidullah Khalid  
Assistant Director (Admin)

## Annexure – A

### Environmental Monitoring System for 8'x12' Data center

S. No.	Description	Quantity
01.	<b>Monitoring System</b> - Built-in humidity, temperature, smoke sensors and water leak detection. - Temperature sensor - Built-in web interface allows viewing events and logs. - Physical display / LEDs showing alerts. - SNMP enabled - Compatible with GSM Modem - Scalable – able to connect with extra sensors as per future needs (at least five RJ11 ports for connecting external sensors).  Web interface feature HTTP/HTTPS web access Alarms: high/low values, multiple thresholds per sensor Email alerts SNMP Access Control – 3 access levels (view, control & admin)	01
02.	<b>Additional Temperature Sensors</b> Temperature Range 32 to 140°F (0 to 60°C). Accuracy $\pm 0.2^{\circ}\text{F}$ ( $\pm 0.1^{\circ}\text{C}$ ). High resistance to external influences Supporting CAT5/5e/6 cable up to 1,000 ft. 30 feet length connecting cable to include with each sensor	02
03.	<b>Humidity Sensor</b> Humidity Monitoring Range : 200 % to 90% humidity Humidity Monitoring Accuracy: + - 5% Rh 30 feet length connecting cable to include with each sensor	02
04.	<b>Water leak cable Sensor + WLD Sensor Cable</b> Temperature Range: -10 to +100oC Response Time: 20-25 sec WLD sensor cable should be 3+ feet (in addition to 30 feet connectivity cable)	01
05.	<b>Smoke Detector</b> Smart monitoring feature – remotely monitor smoke from internet Max distance from the unit - 30 meters Builtin/Integration support with Environment monitoring	01
06.	<b>GSM Modem</b>  SMS sending feature Builtin/Integration support (COM/serial port) with Environment monitoring Support for at least 05 numbers for SMS sending	01
07.	<b>Contactor for AC units</b> Auto turn on and turn-off AC split units as per defined schedule	01

**Note:** External sensor should support both functions for temperature and humidity monitoring.