REQUEST FOR PROPOSAL

Restarting Weather Data System Services

INTRODUCTION:

Ministry of Information invites bidders to submit their best offers for restarting the services for Weather Data System, Kuwait News Department

SUPPLIER'S PROPOSAL

The bidder shall visit the site prior to submitting the tender. No claim for lack of knowledge will be considered after the tender is closed.

Point by Point Description:

The Supplier shall submit his bid in point-by-point form whereby he agrees, disagrees, or wishes to modify any of the described clauses or items in the Technical Specifications. His point-by-point form should use the same format as the Technical Specifications to facilitate comparison. Submitted description (Compliance list) will be the main criteria when deciding the winning bid. All points and explanations will be treated as part of Contract, with its legal weights, responsibility, and obligations.
System Description
The Supplier shall include in his Proposal a description of the proposed system. This information shall be in the form of drawings, written description of the overall system(s) including details of the purpose, theory, and method of operation of various items included, equipment lists, equipment layouts, control and indicator panel layouts, mechanical and technical performance specifications, and any other information required to enable the Purchaser to determine the Supplier's intent in meeting the objectives of the Technical Specifications.

Note : Data package to run the full system and the Software Maintenance agreement valid 12 month from the system run.

This is a turnkey project. Any item/work not mentioned in the tender document or BOQ but indispensable for the proper Installation/ Implementation/Performance of this project must be added to the BOQ priced and described.

Specification

1) *Weather Data:*

A data feed is to be provided to operate the installed weather system.

A comprehensive weather data feed should be included in this proposal, the product name is 'Max Data World'. The embedded file below lists all the components in the 'Max Data World' column, all the required components are present. The data is delivered to the Max Core server pair in an encrypted form and stored as part of a managed database. Weather data is available for the world and is constantly updating. Max efficiently uses connectivity bandwidth by only downloading data for the areas included in the TV and/or online presentations.

Sky Data is required to operate the 'Max Sky' module currently installed and should be included in this proposal. This is delivered to the Core in the same way as described above.

This must have:

- **Satellite data** sources showing images in the infrared and visible spectrum as well as water vapour. This should include imagery from the GOES and Himawari satellites and cover Indian Ocean, Europe and Pacific regions.

- **Multiple Weather Forecast Models** to allow forecasters and presenters to choose the most appropriate sources to explain the weather story of the day. Sources to include ECMWF, GFS and IBM GRAF data models and point forecasts.

- **Tropical and Observational data** to include upper air, aerosol and METAR/SYNOP measurements. Earthquake data, sea surface temperature and wave heights are required. Advisories related to tropical storms from relevant global agencies assist in providing news coverage of such events.

- **Sky Data** is a proprietary data addition to the above. This is required to operate the 'Sky' graphics module currently installed at KTV.

2) *Software Maintenance:*

The Weather Graphics system installed at KTV needs to have a software maintenance agreement.

Max software support and maintenance should be included in the proposal and should include the services listed.

NOTE:

KTV's Max Weather platform was originally installed in 2017 and several items are no longer current. Workstation hardware is limited to Max software version 7.9. The Windows 7 operating system is unsupported and is not capable of supporting the latest security updates.

The Max software must be updated to version 7.9 to receive any data. As part of this restart proposal, Integrator should assist in making the upgrades to Windows 10 and Max 7.9.

This should include:

- Access to the latest software versions of the platform.
- 24/7/365 support via telephone and email.

- Support technicians who can remotely access workstations (with permission) to quickly diagnose and rectify any issues.
- Support for the major highways visible on the base maps used in the TV programs. Allows updates to be made to the map as roads are changed.

Necessary Data package to restart the full system and the Software Maintenance agreement must be priced in the BOQ to be renew annually.

BOQ

Item	Description	Qty	Unit price	Total price
1	Weather Company Max Data Sky Global	10		
2	Weather Company Max Data World	10		
3	Weather Company Max Solution Maintenance	10		