

*Ministry of Information, Kuwait News  
Department*



REQUEST FOR PROPOSAL

توفير خدمة جرافكس للأخبار

## INTRODUCTION:

Ministry of Information invites bidders to submit their best offers for **Renew, Design**, equipment supplying, Installation, on site Commissioning and Training for **weather graphics system** that existing on Studio300.

## 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.

## **Acceptance**

When the on-site installation is completed, the Provisional Acceptance Tests will be performed.

### **1) Training**

The Supplier shall plan and propose a training program to be implemented during the performance of the Contract.

Technical training courses shall be provided for maintenance and operating trainees assigned by the Purchaser in English, while training in Arabic would be an advantage.

The Purchaser will ensure that the trainees with appropriate knowledge and skills are prepared/selected will evaluate training courses as provided.

Training course manuals, as provided for each trainee, may contain excerpts from the maintenance and operations manual, as well as simplified diagrams, reference materials and tutorials as deemed necessary.

### **Training 5 Days for:**

3 (Studio Engineer) 3 seats

5 (Graphic Designers) 5 seats

5 (Weather presenters) 5 seats

## 2) Warranty

Without dissent to warranty clauses specified elsewhere in Contract Documents, the following warranty shall equally be provided:  
The Supplier shall warrant for the period and from the date specified in Conditions of Contract, all apparatus, and all components, to be free from defects in material, workmanship, design, or other features. Any component or apparatus replaced or repaired by the Supplier under the warranty shall be delivered ***free of charge*** to the site. The Purchaser will undertake to install small replacement components but in the case of components involving modifications to existing equipment, the Supplier shall undertake to do this at ***his own expense and with his own personnel***. If the same component or part ***fails more than twice*** during the warranty period, the failure shall be deemed to be due to design error. In this event, the Supplier shall take immediate action to make any necessary modifications to correct the defect by design changes. Warranty on replacement components shall be the same as for the original components and shall commence from the date of installation of the replacement component.  
Warranty period is set to **3 years**.

**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

### 3) Augmented Reality:

A. Augmented Reality display adds capability to use immersive graphics for TV presentation. This has three components:

- a. A graphics package where an initial set of assets are created with news graphics team.
- b. Training time, using the above graphics, to ensure the news team can begin working with the new software quickly. Training also explains how the graphics were built, so the team can adjustment and new content themselves.
- c. The Reality software license. A perpetual license.

### 4) Social Media:

content can be quickly and directly published to Twitter, Instagram and Facebook using this software module.

## **5) Weather Data:**

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

## 6) Expand the system:

**Hardware refresh** is required as the current platform dates from 2017 and its warranty has expired. The recommended specification is as follows:

- a. Three (3)] workstations (content creation and broadcast playout device)
- b. Two (2) Core Servers (weather data processing and graphics store)
- c. One (1) digital renderer (create graphics for website, social media, and digital platforms) to enables all present software options.

## **7) Software Maintenance:**

The Graphics system installed at KTV needs to have a software maintenance agreement. 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 programmes. Allows updates to be made to the map as roads are changed.

## **8) Additional notes :**

- System Software - day-to-day (AR), real-time, 3D graphics presentation.
- Studio system - In-the-key (AR) interactive weather presentation that allows the weather team to be part of the weather story
- Prism – (AR) content scheduling and online content creation software.
- Core system – (AR) Data ingestion and management software, and content backup storage software.
- Arabic and English language must be provided
- Graphic templates as : Icast temperature , Synoptic GCC , Tropical storm kyarr , Kuwait radar , rainfall , Current Kuwait international airport , Tropical track Arabian , Future cast , Cultural center sun times , Sea states , Global satellite , Sandstorm information .... (etc )
- All the graphics templates needs must be provided at the site survey with present of the weather news representative by Kuwait TV .
- Necessary Data package to run the full system and the Software Maintenance agreement must be priced in the BOQ under one item to be renew annually. With granted letter that make sure we have 5 years Fixed price.



## BOQ

Item	Description	Qty	U price	Total price
6	content creation and broadcast playout device(HW)	3		
6	Core server (HW)	2		
6	Digital renderer (HW)	1		
3	Reality Graphics Pkge	1		
3	Reality perpetual license	1		
4	Social media	1		
	Weather data package Maintenance of Road data embedded in KTV map software maintenance and support; updates, phone and email support, access to Weather Community for 12 month	1		
1	Training 5 Days for: 3 (Studio Engineer) 3 seats 5 (Graphic Designers) 5 seats 5 (Weather presenters) 5 seats	1		