



RFQ

Description : Provide, Supply & Installation of Radio Room Studio CEJ
 Date of Issue : June 23, 2017
 Date of Submission of Quotation : July 06, 2017 at 11:00am
 Place of Work : IBA, Main Campus
 Contact Person & Telephone : Mr. Muhammad Hanif (Sr. Purchase Executive)
 38104700 (Ext. 2150)

QUOTATION - FM RADIO STATION		
<u>Group - I BROADCAST EQUIPMENT</u>		
<u>S. No.</u>	<u>Item Description</u>	<u>Quantity</u>
1	<u>FM Transmitter</u> FTC50 50W/100W FM TRANSMITTER - Made by OnAir Media Turkey/ FLEXIVA LX Gates Air Transmitter USA. Stereo FM broadcast transmitter, integrated exciter (RDS encoder, Stereo generator), compact 50 Watts RF power output covering full 88~108 MHz band, full front panel metering, redundant RF power modules, 220VAC power supply. Max power consumption ≤ 300 VA, light weight, Remote control via web, Automatic change over unit, N+1 system.	1 set
2	<u>FM Antenna</u> Made by OnAir Media Turkey One Pole phased Single array, Vertical or Horizontal polarization (Anticorodal omnidirectional dipole) , Broadband with frequency range of 87.5-108 MHz band, average gain 2.15 dB, resilient stainless steel construction, wind loading max 160Kms/hr, mounting clamps and stainless steel accessories. Max. Power 65W.	1 set
3	<u>RF Cable and Connectors</u> LDF-5A 7/8 Cable 10 meters (30 ft) & 2 Connectors	1set
4	<u>30 ft Guy Wire Supported Tower Mast</u> Triangular Lattice Steel Tower 12" cross section, 10 ft sections, 30ft with base plate, anchors etc. Earthing of tower mast, Lightening arrestor with cables and Tower Warning Light	lot
5	<u>Installation of Tower, RF Cable, Connectors</u>	1 job
<u>Group - II ON-AIR STUDIO EQUIPMENT & AUDIO CABLING</u>		
6	<u>Audio Mixer</u> Soudcraft EFX-8 OR Yamaha Mixer MG-12KU 8+2 channels Built in 24 bit lexion digital effects processor	1set
7	<u>Microphones</u> Behringer XM 1800S Excellent dynamic microphones Two stage pop filter with feedback suppression. OR AKG P5 Dynamic Studio Microphone	2 units
8	<u>Mic Stand</u> Professional Microphone stand with Flex Boom	2 units

9	<p><u>Headphones</u> Audio-Technica ATHM20 Dynamic stereo headphones offer exceptional clarity and maximum comfort for hours of listening OR Studio Headphone AKG K 44, Professional Studio Headphone: dynamic Stereo Headphones offer exceptional clarity and maximum comfort for hours of listening.</p>	2 units
10	<p><u>Telephone Hybrid</u> Telephone Hybrid System JK Audio Analog Telephone Hybrid Auto Hybrid gives you simultaneous send and receives audio through analog telephone lines. Not just another half-duplex auto-coupler, this is a full duplex Auto Hybrid. Made in USA OR Sonifex Hybrid System Made in England.</p>	1 unit
11	<p><u>Installation & Commissioning</u> Audio Cable & Connectors Studio Cabling & Connectors. (Approx 300ft cable & 30 connectors)</p>	1 job
Group - III PRODUCTION STUDIO EQUIPMENT & AUDIO CABLING		
1	<p><u>Audio Mixer</u> Behringer 1622 OR Yamaha Model MG-12KU Behringer Xenyx 1622 Pro Studio Mixer 16 channels with ability to be accept 4 microphones and 4 stereo sources, effects processor, audio tonal controls, metering and USB audio interface.</p>	1 set
2	<p><u>Microphones</u> Behringer XM 1800S Excellent dynamic microphones Two stage pop filter with feedback suppression OR AKG P5 Dynamic Studio Microphone</p>	2 units
3	<p><u>Mic Table Stand</u> Microphone Table stand with flexible neck</p>	1 unit
4	<p><u>Headphones</u> Audio-Technica ATHM20: Dynamic stereo headphones offer exceptional clarity and maximum comfort for hours of listening OR AKG K 44, Professional Studio Headphone: Dinamic Stereo Headphones offer exceptional clarity and maximum comfort for hours of listening.</p>	2 units
5	<p><u>Installation & Commissioning</u> Audio Cable & Connectors Studio Cabling & Connectors. (Approx. 300ft cable & 30 connectors)</p>	1 job
<u>PEMRA REQUIREMENT & ESSENTIAL ACCESSORIES</u>		
<u>PEMRA Requirement</u>		
6	<p><u>Audio Delay System</u> Live audio can be delayed from 5 ~30 seconds by using Audio Delay System. This equipment is required as per PEMRA regulation.</p>	1 unit
7	<p><u>AUDIO Off-Air Recording system</u> Integrated FM receiver covering 88~108 MHz to record and log off-Air FM Broadcast. As per PEMRA regulation all broadcasted programs must be kept in recorded format for three months.</p>	1 job
8	<p><u>FM Transmitter Rack</u> 19"-43" Length We have a Rack For Transmitter.</p>	1 unit
9	<p><u>Sound Processor</u> BW Broadcast DSPX-FM Audio Processor</p>	1 unit
10	<p><u>Studio ON AIR light</u> Programmable Message Studio Light – scrolling messages “ON-AIR”, “RECORDING IN PROGRESS”, SILENCE etc.</p>	1 unit

11	<u>Powered Studio Monitoring Speakers</u> KRK ROKIT 5 STUDIO MONITORS: The 75-watt RP-5 powered reference studio monitor features a proprietary signature 5-inch yellow woofer made of a woven glass aramid composite for a tight low-end response and a soft dome 1-inch tweeter for natural sounding highs.	1 Pair
12	<u>Headphone Distributor</u> Microamp HA- 400 4-channel stereo headphone amplifier. Outstanding audio performance with volume output level control.	1 set
13	<u>Direct Field Reporting</u> FlipJack FJ-500 Cell Phone Interface Cellular / Landline Telephone interface for outdoor broadcast.	1 set
14	<u>Head phones</u> make Behringer any new models for Radio Room	4 units

Terms & Conditions:

- 1- Material / quantities of this order is subject to final inspection at the time of delivery and calculations by IBA Maintenance / Project Department
- 2- We reserve the right to cancel any or all the above items if material is not in accordance with our specification or if the delivery is delayed.
- 3- Payment will be made through crossed cheque after the receipt of the bill and delivery of the above item.
- 4- General Sales Tax will be paid on applicable items only.
- 5- Liquidity damages at the rate of 2% per month on actual will be imposed on delayed delivery.
- 6- The rate / item cost is final and no change what so ever will be accepted.
- 7- Government tax(es), levi(es) and charge(s) will be charged at actual as per SRO.
- 8- Competent Authority reserves the right to change / alter / remove any item or article or reduce / enhance quantity without assigning any reason.
- 9- Invoice / bill & Work Order etc should be submitted to Finance Department.
- 10- Advance Payment subject to Bank Guarantee preferably National Bank of Pakistan.
- 11- No subletting in any case / item / form will be allowed.
- 12- That upon termination of this agreement the contractor shall be permitted to remove all its devices and equipment which may have been placed at premises from the time to time
- 13- All Government taxes (including Income tax and stamp duty), levies and charges will be charged as per applicable rates / denomination of Work Order.
- 14- Supplier must provide "Sales tax registration certificate with last month return copy both FBR and / or SRB" at the time of submission of quotation.