

## BID SHEET

Item	Qty	Item Description	Unit Price	Extended Amount
001		<b>HARMONIC ENCODERS</b> (No substitutions)		
	2	Harmonic: XOS 2 HD & 4 SD Encoder - Includes: - 1RU HPE DL360 G11 server model large with dual AC PSU - Software license for deploying XOS V2 software on a XOS server - OCP QUAD 1G BASE-T (RJ45) PORT FOR HPE GEN11 - 2x SDI/ASI card with 8 ports - 16x Micro BNC Male to BNC Female adapter 250mm (1ft) - 2x Software license for XOS V2 products enabling encoding for one HD+ TV service. - 4x Software license for XOS V2 products enabling encoding for one SD+ TV channel - 6x Software license for XOS V2 products enabling support of Dolby audio codecs (Dolby E, Dolby Digital, Dolby Digital Plus, Dolby AC-4, Dolby ATMOS). This license is per TV service - 1x Software license for XOS V2 platforms enabling support of audio upmixing with Dolby audio encoding. This license is per TV service - 1x Software license for XOS V2 products enabling EAS (Emergency Alert System) processing for one TV channel - 6x Software license for XOS V2 products enabling support of Automatic Loudness Control for audios of one TV channel - 4x Software license for XOS V2 products enabling Nielsen watermarking for one audio of one TV Channel - 6x Software license for XOS V2 products enabling TS multiplexing including SI/PSI advanced management and Statistical Multiplexing. This license is per output service		
002		<b>HARMONIC: COMMISSIONING SERVICE</b>		
	1	Harmonic: SYSTEM CHECK-OUT, TEST AND COMMISSIONING SERVICE. 2 days maximum. Inclusive of travel and expenses Services include: expertise in the setup, test and operation of the products purchased from Harmonic, AFTER installation by the customer or Installer/System Engineer		
003		<b>HARMONIC SUPPORT</b>		
	2	Standard Support, 60 Month term, 3-day advance exchange for non-HPE and max. 20-day hardware part shipment for HPE products, 8am - 5pm Monday - Friday Local time Remote Telephone Support (Severity 1 Cases receive 24/7/365 remote technical support)		
	2	Extension Support 24 Month extension (If Available) (Total Support 84 Month term)		

004		<b>NEVION VIRTUOSO (No substitutions)</b>		
	2	<p>Virtuoso RE 1RU 6-slot media node appliance with redundant load-sharing AC power supplies. (VIRTUOSO-HW-RE-AC2-UL) License option enabling eight (8) ASI or Transport Stream on IP inputs (or outputs). Includes basic TS input monitoring (ETSI TR 101 290 Pri 1). (VIR-RE-SW-TS8) 2x License option enabling one (1) alarm-based automatic TS Input Switch with two (2) inputs and one (1) output (VIR-RE-SW-TS-ISWX1) 4x License option enabling advanced TS monitoring for eight (8) TS inputs. (VIR-RE-SW-TS-ADVMON8) Quad channel electrical video breakout cable supporting two input and two output 3G/HD/SD-SDI signals, 10G Ethernet SFP+ standard optical 850nm transceiver (10GBASE-SR). 2x Nevion Virtuoso 10G High Bit-Rate Accelerator (HW module). Virtuoso software maintenance fee. (VIRTUOSO-MAINT)</p>		
005		<b>NEVION VIRTUOSO SUPPORT</b>		
	2	24/7 Premium Support, 60 Month term.		
	2	Extension Support 24 Month extension (If Available) (Total Support 84 Month term)		
006		<b>TRIVENI DIGITAL GUIDEUILDER PSIP GENERATOR : PRIMARY RE SERVER PLATFORM UPGRADE (No substitutions)</b>		
	1	<p>GuideBuilder RE - 1U Fault Tolerant Server (Raid Level 1 and Dual Power Supplies) Services three or more Major Channel Number licenses, additional Major Channel Number licenses (ADOT) must be purchased. <b>- The following Triveni Digital licenses will be transferred to the new system</b> - Each additional Major Channel Number license for Primary (First year ESSP not included with after-sale purchase of additional outputs, purchase of ESSP will be prorated to coincide with renewal of original outputs. For GDBR-RE and GDBR-LCR (maximum 1). - Primary Transport Carouseling IP Output – Harmonic Electra - Replicated Transport Stream Output – Carouseling Replicated IP Output - Harmonic Electra</p>		
	0	Station to purchase Annual Rovi subscription price, per call letter. Provides TV Guide data. Subscriptions applicable for Mobile ESG. When ordering ROVI Subscription, include station contact, telephone number and email address. ROVI subscription does not include an Interface. If changing license file from ROVI, Input Interface must be purchased. (per call letter, per year) Input Interface as needed - PMCP Interface Module for Decisionmark and Gracenote.		
	1	Triveni Digital GuideBuilder Primary Enhanced System Service Plan - for up to two Major Channel Number licenses (ADOT). 60 Month term.		
	1	Extension Support Triveni GuideBuilder Primary Enhanced System Service Plan - for up to two Major Channel Number licenses (ADOT). 24 Month extension (If Available) (Total Support 84 Month term)		

007		<b>TRIVENI GUIDE BUILDER PSIP GENERATOR: BACKUP RE SERVER PLATFORM UPGRADE</b> <i>RMA will be issued for return of dongle SN: 0528236 (must be returned within 7 days of installation (No substitutions)</i>		
	1	GuideBuilder RE - 1U Fault Tolerant Backup Server (Raid Level 1 and Dual Power Supplies) Services three or more Major Channel Number licenses, additional Major Channel Number licenses (ADOT-BU) must be purchased. <b>- The following Triveni Digital licenses will be transferred to the new system</b> - Each additional Major Channel Number license for Backup (First year ESSP Not included with after-sale purchase of additional outputs, purchase of ESSP will be prorated to coincide with renewal of original outputs). For GDBR-RE-BU and GDBR-LCR-BU (maximum 1). - Primary Transport Carouseling IP Output – Harmonic Electra - Replicated Transport Stream Output – Carouseling Replicated IP Output - Harmonic Electra		
	0	Station to purchase Annual Rovi subscription price, per call letter. Provides TV Guide data. Subscriptions applicable for Mobile ESG. When ordering ROVI Subscription, include station contact, telephone number and email address. ROVI subscription does not include an Interface. If changing license file from ROVI, Input Interface must be purchased. (per call letter, per year) Input Interface as needed - PMCP Interface Module for Decisionmark and Gracenote.		
	1	Triveni GuideBuilder Backup System Enhanced System Service Plan - for up to two Major Channel Number licenses (ADOT). 60 Month term.		
	1	Extension Support Triveni GuideBuilder Backup System Enhanced System Service Plan - for up to two Major Channel Number licenses (ADOT). 24 Month extension (If Available) (Total Support 84 Month term)		
008		<b>DISTRIBUTION AMPLIFIER</b> (No substitutions)		
	2	ESE 1 x 12 3G/HD/SD Reclocking Distribution Amplifier - 1¾" Rack Mount		
009		<b>INSTALLATION AND MATERIALS</b>		
		Engineering Services: Pre-planning and wiring detail documentation		
		Engineering Services: On-site installation including installer and System Engineer (Per-day)		
		Materials required for installation/configuration		
		Lodging Expenses		
		Per-Diem Expense		
		Other		

Total \$ \_\_\_\_\_

No substitutions, items must be as specified.

Prices quoted must be good for at least 90 days following bid opening.

AutoCad designs for current design and proposed new equipment refresh design must be made available as requested.

Impacts to on-air broadcast of the television stations are required to be none or minimal during 6am-midnight.

Final integration that may require being off-air to be scheduled midnight-6am.

Does your bid meet our specifications exactly? \_\_\_ Yes \_\_\_ No

If not, please detail how your bid meets or exceeds the specifications of the required item(s) and provide proof that verifies your claim.

Prices quoted are good for at least \_\_\_\_\_ days following bid opening.

Delivery will be \_\_\_\_\_ days after receipt of order.

F.O.B. delivered to UCF

Payment terms: \_\_\_\_\_.

I certify that this bid is made without prior understanding, agreement or connection with any corporation, firm, or person submitting a bid for the same materials, supplies or equipment and is in all respects fair and without collusion or fraud. The following information, including an authorized representative signature and witness, is required to be submitted with your bid in order to be considered for evaluation and award. The person signing below acknowledges and agrees with all proposed information as submitted and has the authorization of the said company to enter into a contractual agreement with the University for the purposes as proposed and as described herein. Please print below unless where a signature is required.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
MAILING ADDRESS

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
CITY, STATE, ZIP CODE

\_\_\_\_\_  
TITLE

(\_\_\_\_\_) \_\_\_\_\_  
PHONE NUMBER

(\_\_\_\_\_) \_\_\_\_\_  
FAX NUMBER

\_\_\_\_\_  
EMAIL ADDRESS