

<b>REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)</b>		THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE OF	PAGES
1. REQUEST NO. BBG28-Q-12-0036 Amd 1		2. DATE ISSUED 07/20/2012		1 4	
3. REQUISITION/PURCHASE REQUEST NO. FQ V011-12-FQ-00244		4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1		RATING	
5a. ISSUED BY Lindsey White		6. DELIVER BY (Date) 08/08/2012			
5b. FOR INFORMATION CALL (NO COLLECT CALLS)		7. DELIVERY			
NAME		TELEPHONE NUMBER		<input type="checkbox"/> FOB DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule)	
Lindsey White, email: lwhite@voanews.com		AREA CODE NUMBER 202 203-4829		9. DESTINATION	
8. TO:		a. NAME OF CONSIGNEE		BBG/IBB Operations Div - Jack Slomicki	
a. NAME		b. COMPANY		b. STREET ADDRESS	
				330 Independence Ave. SW Rm 4727	
c. STREET ADDRESS		c. CITY		Washington	
d. CITY		e. STATE		f. ZIP CODE	
		DC		20237	
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date)		IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.			
07/30/2012					

**11. SCHEDULE (Include applicable Federal, State and local taxes)**

ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1	LiveLink Junior, Camera End, Portable, Part No. LL-JR-CA-101	2	ea		
2	LiveLink Junior, Truck End, Part No: LL-JR-TE-101 See the attached specifications for Lines 1 & 2	2	ea		
3	Include Freight costs with estimate  Items required are brand name or equal in order to satisfy Agency's broadcasting needs and maintain compatibility with existing broadcasting equipment currently in use.  If applicable, provide GSA FSS Schedule contract numbers for Items 1 and 2.  All responsible sources may submit a response which, if timely received, will be considered by the agency.				

12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS	
				NUMBER	PERCENTAGE

NOTE: Additional provisions and representations  are  are not attached.

13. NAME AND ADDRESS OF QUOTER			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
a. NAME OF QUOTER			16. SIGNER			
b. STREET ADDRESS						
c. COUNTY			a. NAME (Type or print)		b. TELEPHONE	
d. CITY			c. TITLE (Type or print)		AREA CODE	
e. STATE		f. ZIP CODE		NUMBER		

**SPECIFICATIONS FOR LINE ITEM 1 - Live-Link Jr. Camera End Unit**

**Line Outputs:**

Type: analog, electronically balanced, capacitor-coupled, intended to drive balanced loads of 2 k ohms or greater

Source Impedance: 200 ohms

Nominal Level: +4 dBu

Maximum Level: +24 dBu into 10 k ohms

**IFB Output:**

Type: 2-channel unbalanced (common on pin 1, DC modulated with channel 1 audio on pin 2, channel 2 audio on pin 3)

Nominal Audio Level: -10 dBu

Maximum Audio Output Level:

Pin 2: +9 dBu

Pin 3: +10 dBu

DC Output Voltage (Pin 2 to Pin 1): 28 V

DC Output Current (Pin 2 to Pin 1):

120 mA maximum; requires  $\geq 10$  mA current draw for detection of connected device

Impedance (Pin 2 to Pin 1; Pin 3 to Pin 1): 200 ohms

**Party-Line Intercom Interface:**

Type: 2-channel party-line, unbalanced (common on pin 1, DC modulated with channel 1 audio on pin 2, channel 2 audio on pin 3)

Compatibility: single- and dual-channel intercom system such as from RTS® and Clear-Com®

Nominal Audio Level: -10 dBu

Maximum Audio Output Level:

Pin 2: +9 dBu

Pin 3: +10 dBu

Output Voltage (Pin 2 to Pin 1): 28 Vdc

Output Current (Pin 2 to Pin 1): 180 mA maximum; requires  $\geq 15$  mA current draw for detection of connected device

Impedance (Pin 2 to Pin 1; Pin 3 to Pin 1): 200 ohms

**Connectors for Electrical Signals:**

SDI: BNC, 3G-SDI optimized, gold plating on center pin, per IEC 61169-8

Annex A

Mic/Line Inputs: 3-pin female XLR

Line, IFB, and Party-Line Intercom

Outputs: 3-pin male XLR

Data, GPI/GPO, and Auxiliary DC:

9-pin female D-subminiature (DE-9F)

DC Input: 4-pin male XLR

**Optical Connector(s):** Neutrik® optical-  
CON DUO® or two ST (UPC polish), factory  
installed, selectable at time of order

**Battery Mounting:** Anton/Bauer® QRGold  
®, standard; IDX® P-V2 V-Mount,  
optional

**Power Inputs:**

DC (4-Pin XLR) and Battery Mount:

10 to 18 Vdc, 1.9 A maximum at 12 V;

2.1 A at 10 V

Copper/Optical Hybrid via opticalCON

DUO: 10-50 Vdc, 0.54 A maximum with

48 V source and 500 feet (154 meters)

of two 16 gauge copper conductors,

maximum length TBD

**Dimensions (Overall):**

6.5 inches wide (16.5 cm)

5.7 inches high (14.5 cm)

10.4 inches deep (26.4 cm)

**Weight:** 5.5 pounds (2.5 kg)

**Specifications for Line Item 2 - Live-Link Jr. Truck End Unit**

**Line/IFB and 4-Wire Intercom Inputs:**

Type: analog, electronically balanced,  
capacitor-coupled, 20 k ohms

Nominal Level: +4 dBu

Maximum Level: +24 dBu

**De-Embed, Mic/Line, and 4-Wire**

**Intercom Outputs:**

Type: analog, electronically balanced,  
capacitor-coupled, intended to drive  
balanced loads of 2 k ohms or greater

Source Impedance: 200 ohms

Nominal Level: +4 dBu

Maximum Level: +24 dBu into 10 k  
ohms

**Party-Line Intercom Interface:**

Type: 2-channel party-line, unbalanced  
(common on pin 1, DC modulated with  
channel 1 audio on pin 2, channel 2  
audio on pin 3)

Compatibility: single- and dual-channel  
intercom system such as from RTS® and

**Clear-Com®**

Nominal Audio Level: -10 dBu

Maximum Audio Output Level:

Pin 2: +9 dBu

Pin 3: +10 dBu

Output Voltage (Pin 2 to Pin 1): 29 Vdc,  
selectable on/off

Output Current (Pin 2 to Pin 1): 300 mA  
maximum; requires  $\geq 15$  mA current draw  
for detection of connected device

Impedance (Pin 2 to Pin 1; Pin 3 to  
Pin 1), Local Party-Line Power Enabled:  
200 ohms

Impedance (Pin 2 to Pin 1; Pin 3 to  
Pin 1), Local Party-Line Power Disabled:  
>10 k ohms

**Connectors for Electrical Signals:**

SDI: BNC, 3G-SDI optimized, gold plating  
on center pin, per IEC 61169-8 Annex A

Line/IFB and 4-Wire Intercom Inputs:

3-pin female XLR

De-Embed, Mic/Line, Party-Line

Intercom, and 4-Wire Intercom Outputs:

3-pin male XLR

Data, GPI/GPO, and Auxiliary DC: 9-pin  
female D-subminiature (DE-9F)

DC Input: 4-pin male XLR

AC Mains Input: 3-blade, IEC 320

C14-compatible (mates with C13)

**Optical Connectors:** two ST (UPC  
polish)

**Power Inputs:**

AC Mains: 100 to 240 V, 50/60 Hz, 24 W  
maximum

DC: 10 to 18 V, 2.0 A maximum

**Dimensions (Overall):**

19.00 inches wide (48.3 cm)

1.72 inches high (4.4 cm)

8.7 inches deep (22.1 cm)

**Mounting:** one space (1U) in a standard  
19-inch rack

**Weight:** 3.9 pounds (1.8 kg)