

1. REQUEST NO. BBG28-Q-12-0036	2. DATE ISSUED 07/20/2012	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
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5a. ISSUED BY Lindsey White	6. DELIVER BY (Date) 08/08/2012
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5b. FOR INFORMATION CALL (NO COLLECT CALLS)		7. DELIVERY
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NAME Lindsey White	TELEPHONE NUMBER	<input type="checkbox"/> FOB DESTINATION	<input checked="" type="checkbox"/> OTHER (See Schedule)
	AREA CODE 202	NUMBER 203-4829	

8. TO:		9. DESTINATION
a. NAME	b. COMPANY	a. NAME OF CONSIGNEE BBG/IBB Operations Div - Jack Slomicki

b. STREET ADDRESS 330 Independence Ave. SW Rm 4727	c. CITY Washington
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c. STREET ADDRESS	d. STATE DC	e. ZIP CODE 20237	c. CITY Washington
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d. CITY	e. STATE DC	f. ZIP CODE 20237	d. STATE DC	e. ZIP CODE 20237
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10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 07/30/2012	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.
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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	2	ea		
2	LiveLink Junior, Truck End, 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.				

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		

b. STREET ADDRESS	16. SIGNER	
	a. NAME (Type or print)	b. TELEPHONE
		AREA CODE

c. COUNTY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	NUMBER
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d. CITY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	NUMBER
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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 ≥ 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 ≥ 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® QRCGold
®, 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 ≥ 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)