



IFB: C202109V2 – Haivision Equipment, Installation and Maintenance

BIDDER ACKNOWLEDGEMENT OF AMENDMENT

Amendment Three

Issued: April 12, 2022

Summary:

1. The Commission’s answers to requests for clarification to Round 2 questions and answers follow.
2. A further revised Attachment 2 – Bid Form is included. Please use this further revised Bid Form, as the equipment and quantities required have changed.
3. Quantities and the models and features required in Section 3.1 of the IFB are amended as follows (amendments are shown in red):

Quantity	Models and Features
3	B-MX4E-SDI4-UHD Makito X4 SDI Encoder Blade– H.264/AVC & H.265/HEVC IP Video Encoder – Single Channel 6/12G-SDI or Quad channel 3G/HD/SD-SDI
1	S-MX4E-SDI4-UHD Makito X4 SDI Encoder Appliance– H.264/AVC & H.265/HEVC IP Video Encoder – Single Channel 6/12G-SDI or Quad channel 3G/HD/SD-SDI, with spare power supply (one (1) each)
9	S-MX4D-SDI4-UHD Makito X4 UHD SDI Decoder Appliance – HEVC/H.265 & AVC/H.264 IP Video Decoder – Single channel UHD or Quad channel 3G/HD/SD-SDI; up to 3840x2160p60 video; 16 channel AES digital audio; 10/100/1000 Ethernet; with spare power supply (one (1) each for each remote site)
2	B-MX4D-SDI4-UHD Makito X4 UHD SDI Decoder Blade – HEVC/H.265 & AVC/H.264 IP Video Decoder – Single channel UHD or Quad channel 3G/HD/SD-SDI; up to 3840x2160p60 video; 16 channel AES digital audio; 10/100/1000 Ethernet; with spare power supply

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9	Haivision 1RU Appliance Mounting Bracket
2	P-MB6X-AC-PSU Haivision 6 Slot Chassis (Redundant AC)
2	Haivision SRT Gateway appliance (or equivalent) with 100mbps aggregate output, includes configuration
1	Annual Haivision Premium Support Program for a minimum of five years

By signing below, the Bidder attests to receiving and responding to the amendment number indicated above.

BIDDER NAME:	
REPRESENTATIVE SIGNATURE:	

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Q.1: The SKU: S-MX4E-SDI4-UHD refers to the encoder with the MB1 appliance chassis and power supply.

The SKU: B-MX4E-SDI4-UHD refers to the encoder blade only.

For reference, see "Makito X4 Encoder (#S-MX4E-SDI4)", "Makito X4 Encoder blade (#B-MX4E-SDI4)" and "MB6X Multichannel Chassis (#MB6X-RAC)" images here: <https://doc.haivision.com/MakitoX4Enc1.4.1/makito-x4-encoder-user-s-guide/introduction/product-overview/chassis-styles>

Where the Amendment refers to "S-MX4E-SDI4-UHD" and "Encoder Blade", shall we quote the appropriate SKU: B-MX4E-SDI4-UHD?

A.1: Yes

Q.2: Likewise, the SKU: S-MX4D-SDI4-UHD refers to the decoder with the MB1 appliance chassis and power supply.

The SKU: B-MX4D-SDI4-UHD refers to the decoder blade only.

For reference, images of the MX4 Decoder appliance and blade can be seen here: <https://doc.haivision.com/MakitoX4Dec1.3.1/makito-x4-decoder-user-s-guide/introduction/product-overview/chassis-styles>

Where the Amendment Two refers to "S-MX4D-SDI4-UHD" and "Decoder Blade", shall we quote the appropriate SKU: B-MX4D-SDI4-UHD?

A.2: Yes

Q.3: Where Amendment Two refers to the "Decoder Blade...with spare power supply" is it referring to the MB6 spare PSU (SKU: P-MB6X-AC-PSU), MB1 appliance spare PSU (P-292-PS-I) or are the spare power supplies unnecessary to quote for this line item?

For an image of the MB6 PSU, please refer to: <https://doc.haivision.com/Hardware/mb6-multichannel-chassis-installation-guide/mb6-installation/mb6-power-components-f-mb6x-rac-and-f-mb6x-dc>

For an image of the MB1 Appliance PSU, please refer to: <https://doc.haivision.com/MakitoX4Dec1.3.1/makito-x4-decoder-quick-start-guide/install-the-decoder/power-up-the-decoder>

A.3: The reference is to the MB6 spare PSU (SKU: P-MB6X-AC-PSU).

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Q.4: Amendment Two reverts the Haivision SRT Gateway 100 Server (S-SG-10) description back to "dual-power and dual-server redundancies". As previously, clarified in Amendment One, each S-SG-10 is a single server with a single power supply. Was this a typo in Amendment Two?

A.4: Yes. This typo is corrected in the revision to Section 3.1 of the IFB, in #3 of the Summary, above.

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Award will be made to the responsive and responsible bidder offering the lowest Total Five Year Cost. If there are no additional charges for a line item, enter \$0.

	Price Per Unit*	Quantity	Extended Price
B-MX4E-SDI4-UHD Makito X4 SDI Encoder Blade– H.264/AVC & H.265/HEVC IP Video Encoder – Single Channel 6/12G-SDI or Quad channel 3G/HD/SD-SDI (or equivalent).	\$	3	\$
S-MX4E-SDI4-UHD Makito X4 SDI Encoder Appliance– H.264/AVC & H.265/HEVC IP Video Encoder – Single Channel 6/12G-SDI or Quad channel 3G/HD/SD-SDI, with spare power supply (one (1) each) (or equivalent)	\$	1	\$
S-MX4D-SDI4-UHD Makito X4 UHD SDI Decoder Appliance (or equivalent)	\$	9	\$
B-MX4D-SDI4-UHD Makito X4 UHD SDI Decoder Blade – HEVC/H.265 & AVC/H.264 IP Video Decoder – Single channel UHD or Quad channel 3G/HD/SD-SDI; up to 3840x2160p60 video; 16 channel AES digital audio; 10/100/1000 Ethernet; with spare power supply (or equivalent)	\$	2	\$
Haivision 1RU Appliance Mounting Bracket	\$	9	\$
P-MB6X-AC-PSU Haivision 6 Slot Chassis (Redundant AC)	\$	2	\$
Additional Units of S-MX4D-SDI4-UHD Makito X4 UHD SDI Decoder Appliance (or equivalent) and mounting bracket to be deployed throughout the term of the contract, as needed**	\$	25	\$
Haivision SRT Gateway Appliance (or equivalent) with 100mbps aggregate output, includes configuration	\$	2	\$
Installation and Configuration of One Haivision Encoder and One Haivision Decoder to be installed at the New York State Office of General Services, Media Services Center located at 36th Floor, Corning Tower, The Governor Nelson A. Rockefeller Empire State Plaza, Albany, NY 12242.	\$	1	\$
Installation and Configuration of Two (2) Haivision Encoders and one (1) Haivision Decoder to be installed at the Commission's Headquarters located at One Broadway Center, Schenectady, NY 12305.	\$	1	\$
Installation and Configuration at receiving sites	\$	9	\$
Additional Installation and Configuration at receiving sites, as needed throughout the contract term**	\$	25	\$
Removal of equipment at receiving sites, as needed throughout the contract term**	\$	25	\$
Removal of equipment at the Commission's Headquarters with installation at new site**	\$	1	\$
Training	\$	1	\$
Annual Haivision Premium Support	\$	5	\$
Parts and Consumables, as needed	%markup ____	x Est. \$1,000	\$
Total Five Year Cost:			\$

*Rates shall be effective for the duration of the Contract term.

Bid Form

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**Amount is an estimate only. No minimum amount is guaranteed. Payment will be made based on actual units purchased. Actual travel costs may be reimbursed for locations outside of New York State, pursuant to IFB Section 2.6.

Bidder's Company Name: _____

Authorized Signature: _____

Date: _____

Print Name: _____