



IFB: C202109V2 – Haivision Equipment, Installation and Maintenance

BIDDER ACKNOWLEDGEMENT OF AMENDMENT

Amendment Two

Issued: April 6, 2022

Summary:

- 1. IFB Section 1.4, Schedule is hereby amended as follows:

IFB Issued	March 9, 2022
Round 1 Questions Due by 3:00 pm, ET	March 15, 2022
Commission Response to Round 1 Questions	March 30, 2022
<b>IFB Amendment 2 Issued</b>	<b>April 6, 2022</b>
<b>Round 2 Questions Due by 3:00 pm, ET</b>	<b>April 8, 2022</b>
<b>Commission Response to Round 2 Questions</b>	<b>April 12, 2022</b>
<b>Bids Due by 3:00 pm, ET</b>	<b>April 14, 2022</b>
Product Demonstrations, if requested	April 18-22, 2022

- 2. The Commission’s answers to requests for clarification to Round 1 questions and answers follow.
3. A revised Attachment 2 – Bid Form is included. Please use this Bid Form, as the equipment and quantities have changed.

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

Table with 2 columns: Label (BIDDER NAME, REPRESENTATIVE SIGNATURE) and empty space for signature.

**C202109V2 – Haivision Equipment, Installation and Maintenance  
Question and Answer Summary – Amendment Two  
Issued: April 6, 2022**

**Q.1: Regarding Amendment One, Q.2: Where the “Haivision 6 Slot Chassis” are installed, is the B-MX4E-SD14-UHD Makito X4 SDI Encoder Blade preferred instead of the S-MX4E-SD14-UHD and S-MX4D-SD14-UHD Makito X4 SDI Encoder and Decoder Appliances?**

A.1: The Commission requires blades for the “chassis” units.

**Q.2: Regarding Amendment One, A.2: Why purchase appliances when blades are required for the MB6 chassis? Only the blades (B-MX4E-SD14-UHD and B-MX4D-SD14-UHD) of the encoder and decoder can be installed into the 6-slot chassis (MB6) and the appliance (S-MX4E-SD14 and S-MX4D-SD14-UHD) version includes the blade and an MB1 single slot chassis. Is the intention to purchase the appliance version, remove the blade from the MB1 appliance chassis and put the blade into the MB6?**

A.2: The Commission requires blades for the chassis units. Quantities and the models and features required in Section 3.1 of the IFB are amended as follows:

Quantity	Models and Features
<del>4</del> 3	S-MX4E-SDI4-UHD Makito X4 SDI Encoder <del>Appliance</del> Blade– H.264/AVC & H.265/HEVC IP Video Encoder – Single Channel 6/12G-SDI or Quad channel 3G/HD/SD-SDI
<del>4</del> 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)
<del>11</del> 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	S-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
9	Haivision 1RU Appliance Mounting Bracket

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2	Haivision 6 Slot Chassis (Redundant AC)
2	Haivision SRT Gateway appliance with dual-power and dual-serverredundancies, 100mbps aggregate output, includes configuration
1	Annual Haivision Premium Support Program for a minimum of five years

**Q.3: Regarding Amendment One, A.4: Why are spare MB1 appliance chassis power supplies required where the MB6 chassis will be used? Where the MB6 will be used, would it be preferable to have a spare MB6 power supply or even none since the MB6 already contains dual redundant power supplies?**

A.3: The spare is required to be an appliance unit. It is not backup for the blade units.

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## Haivision Equipment, Installation and Maintenance

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
S-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	\$
S-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	\$
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) and 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	\$
<b>Total Five Year Cost:</b>			\$

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

**Bid Form**

**Haivision Equipment, Installation and Maintenance**

\*\*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: \_\_\_\_\_