



**Gaming  
Commission**

**RFP: C170005 – New York Lottery Broadcast Studio Design and Integration**

**BIDDER ACKNOWLEDGEMENT OF ADDENDUM**

Amendment Number: One  
Date Issued: October 25, 2017  
Summary: Attached

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

FIRM NAME: \_\_\_\_\_

REPRESENTATIVE SIGNATURE: \_\_\_\_\_

**New York Lottery Broadcast Studio Design and Integration**  
**Question and Answer Summary**  
**Issued: October 25, 2017**

Q.1: Is advance registration required for the mandatory site visit?

**A.1: Advance registration is not required to attend the mandatory site visit, but each attendant will be required to sign in upon arrival.**

Q.2: As a potential sub-contractor am I required to attend the mandatory site visit?

**A.2: Sub-contractors are welcome to attend, but are not required to attend, the mandatory site visit. Primary or joint proposers are required to attend the mandatory site visit.**

Q.3: Please provide clarification of the lighting requirement under RFP Section 3.3.C.

**A.3: RFP Section 3.3.C has been revised for clarity. The language below replaces RFP Section 3.3.C in its entirety:**

The successful bidder shall provide lighting, and a lighting design, in accordance with the Lottery's existing system/fixtures and specifications outlined below:

The Lottery studio currently has an ETC Unison Echo Relay Panel System (controlled non-dim power system) that feeds the production lighting circuits in the studio; an ETC ion Control Console (1000 channel), and an 8-way DMX opto-splitter, that will be in the grid and will distribute the data (DMX) to the studio LED lighting fixtures. There is also a total of 72, 20amp, non-dim usable production lighting circuits in the studio; 24 of these circuits are backed up by a generator for a loss of power situation. These circuits are marked with a letter "E" before it's circuit number labeled on the circuit raceway. The 72 circuits are spread out evenly throughout the studio.

The bidder shall submit a production lighting design that meets the functional and technical needs of at least seven (7) separate lottery drawings and be configured to support maximum flexibility of use and a variety of shots and virtual set designs using a Chroma wall. This design must be compatible with LED or Remote Phosphor fixtures. These fixtures will need to be integrated into the current lighting system that consists of an ETC ion lighting control board and an Echo Relay Panel system (controlled non-dim power system). This design must also incorporate the existing Lottery Drawing Studio lighting grid, and lighting production circuiting. No Tungsten fixtures will be allowed or substituted in this design. The successful bidder shall also supply all soft cable and adapters (power and data), as well as LED lighting fixtures and all accessories that will supply the proper broadcast quality lighting.

All the LED lighting fixtures suggested in the bidder's design must have an onboard DMX (5 pin) with driven dimming capabilities, and should have male Edison power connectors. The studio production lighting circuits are 20a twist lock connectors, so adapters quad boxes (twist lock to Edison quad box) will also need to be included by the successful bidder. There are no

extra Edison power cables or DMX cables for the production LED lighting fixtures. Those cables and adapters will need to be included in the bidder's package based on the final lighting design.

Q.4: I'm trying to make travel arrangements. Do you know how long the mandatory meeting is scheduled to last?

**A.4: The mandatory site visit is expected to be under one hour.**

Q.5: Under this new RFP, is it now true that NY State Gaming requires:

- a) A full equipment list with pricing; to include items, delivery cost and describing each device's functionality. We would be happy to provide a preliminary list subject to detail design review and acceptance by the Gaming.
- b) That the successful respondent as part of the proposal submittal shall provide design services for the studio and control room including a fully run listed draft schematic drawing of the design with their proposal?
- c) That the consulting/design phase of the previous RFP has been removed and is now being requested – that it is included at no cost to NY State Gaming?

**A.5:**

**a) Bidders are required to provide a full equipment list with their technical proposal utilizing Attachment 3 – Technical Proposal Equipment, Lighting, and Furniture List (see Section 4.1.D) and corresponding pricing to be included in the pricing proposal utilizing Attachment 2 (see Section 4.2). As noted, pricing must not be included on Attachment 3. Pricing can only be included under the pricing proposal, Attachment 2. Any technical proposal containing pricing information will be disqualified.**

**Further, Attachment 3 must list the intended equipment, lighting, furniture to be used in the final design to be provided to the Commission following award. The equipment list must be a final list of recommended equipment, that is ready for order placement following the meeting with the Commission two weeks following award. Changes to the equipment list may only be made by the Commission, for such reasons as the cost is less under New York State Office of General Services State Contract, pursuant to RFP Section 1.26.O, or if the Commission requests that comparable equipment be purchased in place of the recommended equipment, resulting in lower costs to the State.**

**It is required that bidders develop the design and provide a draft schematic and equipment list with their proposal. The Commission will use this information, as well as other factors outlined in the RFP, to evaluate the bidder's technical proposal. Although the Commission is not requiring a final, fully run listed schematic submission with the proposal, the bidder must develop the design and present it to the Commission in a draft schematic with its proposal.**

**b) Please see revised Section 3.2 that removes the requirement of fully run listed schematics with the proposal submission. The RFP requires only a Draft schematic with the proposal. A preliminary design is required as part of the technical proposal. If a bidder is deemed the successful bidder, they will meet with Commission**

staff within two weeks of the contract award to finalize the design and equipment selection. The successful bidder will be compensated pursuant to Attachment 2 – Pricing Proposal, for their design services once a final design is approved.

c) Yes. This RFP provides for a turn-key solution. Due to the numerous challenges outlined by bidders (demolition, etc.) under the first RFP, this RFP is revised to require a design, including equipment, lighting, etc. as part of the bidder's proposal rather than an award to a consultant and then development of a design after selection of a bidder.

For clarification purposes, to better outline the steps and responsibilities of the bidder relative to its proposal submission and after award if they are the successful bidder, we are deleting Section 3.2 of the RFP in its entirety and replacing it with the information below.

### 3.2 STUDIO AND CONTROL ROOM DESIGN

#### A. PROPOSED DESIGN AND DRAFT SCHEMATIC

Bidders shall submit a draft design with their proposal. The design shall include a schematic drawing, depicting the new look of the studio and control room as well as placement of equipment, lighting and furniture. The design must include a description of the overall look and functionality of the design, equipment and lighting will provide to the Lottery. The design shall include a recommendation of the replacement or repair of flooring, which will be implemented by the Commission under a separate procurement. The current flooring is concrete, covered in part by rubberized flooring. The walls are acoustically treated and do not require updating.

The draft schematic included with the bidder's proposal must be signed off by the Commission prior to commencement of the installation.

#### B. DESIGN REQUIREMENTS

The successful respondent's studio design should utilize existing available space to the greatest degree possible without interruption to existing production workflow while still fully meeting the functional and technical design specifications described in this section. The current Lottery drawings studio, including the control room, and viewing room<sup>1</sup> is 2,160 square feet, as identified in **Exhibit 2 – Current Lottery Drawings Studio Layout**. A current studio wiring diagram is included as **Exhibit 3**, although it is not required that the workflow replicate what is currently configured.

**To follow is information relative to the current operation of the studio and control room as well as components required to be included in the design.**

1. The Commission currently records two copies of each drawing into the key-pro decks and two onto DVD. There is an iso-camera on the studio floor, in case a ball falls out of the drawing machine, and a dub tower for redundancy.

---

<sup>1</sup> The viewing room is not part of the scope of service under this solicitation.

The Commission records into a turbo system, which is dedicated to refeeding any recordings via satellite. This is done in the event a station misses a drawing, or during the time after a drawing is finished and the post-test and ball seal are performed and recorded on the primary system when a refeed is needed. The current equipment is not supported by broadband. The transmission of the drawings is through satellite, not FTP. Because certain networks air the drawings live, we must continue to use a satellite uplink. Our Mbps upload and download is 50 Mbps. The Commission does not currently have an efficient way to transfer files and media from the recording devices to be archived. If there is a better FTP file transfer option available, then the successful bidder may suggest them.

2. Currently there are three program fed ("program" meaning the actual drawings productions as they look on-air) video monitors in use on the studio floor, however, that is based on the current setup, and the drawings procedures in place using that setup.

The number of feeds desired or necessary in the new studio, whether program or other ("other" being an isolated feed of just a graphic or specific camera shot separate from the final program feed), will depend on the design developed by the successful bidder in their proposal. This determination may have more to do with the way drawings are conducted with a new setup. Having at least one program feed monitor on the floor is necessary, but we may need at least two or three with the option to add one or two other non-program feeds as well.

3. The successful respondent shall furnish and install software, equipment and character generators ("CG") in the control room for the Commission to design 2D virtual sets and production graphics for each of the daily televised lottery drawings. The software package shall allow for modification and customization using installed software, equipment and CG. Edits will continue to be performed in the control room.
4. Camera controls shall be located in the control room. The system shall be capable of controlling all robotic cameras and configuring camera presets to facilitate a one-person production environment. The system shall be able to retain, in memory, multiple presets to call upon during Lottery drawings and productions.
5. The audio format is stereo only, and equipment will need to handle additional channels, if necessary in the future. All audio signals should be routed through an audio mixer/processor. The audio mixer shall be a 16-channel desktop mixer installed on the control room console. Some discreet AES audio may be involved in the design, but it is not anticipated that we will go beyond 2-channel. If the Commission goes to digital technology, embedding, de-embedding, and monitoring will be required in the signal processing. The location shall be suitable for ease of operation in a one-person production environment. The successful respondent shall furnish and install all cabling and hardware necessary to support the audio mixer.
6. Connectivity that will accept the HD-SDI 1080i signals throughout the signal path to the broadcast stations is required. This is typically a copper connection, but file transfer capability is also important.
7. If power/heat load requirements change for the new equipment, and accommodations are to be made to allow for these changes, then the Commission would like to use space equal to that used by the current setup, if possible. Cable paths are to remain the same: under the floor and in the ceiling, where applicable, as long as it is relevant

for the predicted travel path. Bid designs should include full schematics (such as rack elevations, etc.), but not cable paths.

8. The Uninterruptible Power Supply (“UPS”) for any internally powered racks is part of the building infrastructure, and therefore, not rack based. The building’s current UPS layout provides the Control room a dedicated power panel on the UPS.