BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

Attachment A: Bid Breakdown & Schedule

Bidder:
DASNY Contact: Theresa Graffeo, Purchasing Coordinator, tgraffeo@dasny.org

Services/Product Required By: As soon as possible as per product lead time.

Description: Furnish and Deliver Theatrical Lighting Fixtures

Bid Open Location: DASNY, Corporate Headquarters, 515 Broadway, Albany, NY 12207
Bid Open Date and Time: Thursday, February 10, 2022 at 2PM

Item No.	Manufacturer	Make/Model	Description	QTY	UOM	UnitPrice	Extended Price
1	Chauvet	Ovation E-910FC IP	IP65 LED Ellipsoidal	65	EA	$	$
2	ETC	#SELD40LO-0	D40XT Lustr+	24	EA	$	$
3	SGM	G-4 Wash #80101001, 83060602	Automated IP66 Fresnel Wash Fixture)	6	EA	$	$
4	SGM	#82051011	Flight case for (4) SGM G-4 fixtures	2	EA	$	$
5	City Theatrical	#7400-5708	ShoW DMX Vero Net Wireless DMX Transceiver	3	EA	$	$
6	ETC	#414LT	14° Lens Tube for Source Four	6	EA	$	$
7	ETC	#419LT	19° Lens Tube for Source Four	17	EA	$	$
8	ETC	#426LT	26° Lens Tube for Source Four	28	EA	$	$
9	ETC	#436LT	36° Lens Tube for Source Four	18	EA	$	$
10	ETC	#450LT	50° Lens Tube for Source Four	12	EA	$	$
11	ETC	# SELOM-7.5	Oblong Medium Lens for D40	18	EA	$	$
12	ETC	# SELOW-7.5	Oblong Wide Lens for D40	6	EA	$	$
13	City Theatrical	#2180	Drop-In Iris for Source Four	2	EA	$	$
14	City Theatrical	#1515	Followspot Yoke for Chauvet Ovation	2	EA	$	$
15	City Theatrical	#1522	Followspot Yoke Handle for LED Source Four	2	EA	$	$
16	City Theatrical	#1360	Followspot Handle for Source Four	2	EA	$	$

17	City Theatrical	#2484	Concentric Ring for Source Four PAR (For D40s)	24	EA	$	$
18	ETC	#400CC	Spare C-Clamp	5	EA	$	$
19	ETC	#400SC	Spare Safety Cable	10	EA	$	$
20	ETC	Ion XE	Lighting control console	1	EA	$	$
21			External 22" or larger touchscreen LCD monitors	2	EA	$	$
22			Alphanumeric keyboard	2	EA	$	$
23			Mouse with mousepad	2	EA	$	$
24			6'-0" (2m) power and data cables	2	EA	$	$
25			Dust covers	2	EA	$	$
26			Littlelight task lights		EA	$	$
27	APC	Smart-UPS 750VA	Portable uninterruptible power supply	1	EA	$	$
28	Edison	(NEMA 5-15)	Power cords, 10'-0" (3m) length	2	EA	$	$
29	ETC	#I6209	8 GB capacity USB storage keys	2	EA	$	$
30	DMX512		cable assemblies of 5'-0" (1.5M) length, red color code	50	EA	$	$
31	DMX512		cable assemblies of 10'-0" (3M) length, green color code.	40	EA	$	$
32	DMX512		cable assemblies of 25'-0" (8M) length, purple color code	10	EA	$	$
33	DMX512		cable assemblies of 50'-0" (15M) length, orange color code.	2	EA	$	$
34	PowerCon		True1 jumper assemblies of 5'-0" (1.5M) length, red color code	50	EA	$	$
35	PowerCon		True1 jumper assemblies of 10'-0" (3M) length, green color code	40	EA	$	$
36	PowerCon		True1 jumper assemblies of 25'-0" (8M) length, purple color code	10	EA	$	$
37	PowerCon		Male Edison to PowerCon True1 Power-Input Cable Adapter assemblies of	3	EA	$	$

			5'-0" (1.5M) length.				
38	ETC		Male ETC Molex to PowerCon True1 Power-Input Cable Adapter assemblies of 1'-0" (0.3M) length	24	EA	$	$
39	PowerCon		Male PowerCon True1 Power-Output Cable Adapter to ETC Molex assemblies of 1'-0" (0.3M) length.	24	EA	$	$
40	City Theatrical	#204	Safer Sidearm, 24" with (2) tees	20	EA	$	$
41			5-Pin DMX Terminator	15	EA	$	$
42			Heavy Duty 30" x 30" Cable Trunk w/ 4" Casters	1	EA	$	$
43			Inside Delivery		LS		$

TOTAL BID_____

BIDDING REQUIREMENTS for PURCHASING

NOTICE AND INFORMATION FOR BIDDERS

(The below questions 1) and 2) need only be answered if the above total bid is for one million dollars or more)

1.   Does your firm anticipate the use of subcontractors and outside suppliers specific to this procurement
     Yes ☐   No ☐
2.   Does your firm anticipate the creation of employment opportunities arising from this procurement?
     Yes ☐   No ☐

(The below information must be completed for all bids.)

Identify all subcontractors, if any: _____

STATE, PROVINCE FOR FOREIGN COUNTRY THAT YOUR FIRM'S PRINCIPAL PLACE OF BUSINESS IS LOCATED:

_____

ADDRESS OF FACTORY OR PLANT WHERE ITEMS ARE MANUFACTURED AND/OR ASSEMBLED. *(Attach additional sheet(s) if more than one manufacturer)*

_____
_____
_____
_____

_____
BIDDER (FIRM NAME)

_____
SIGNATURE

_____
NAME (TYPE/PRINTED)

_____
TITLE

_____
Date

Attachment B: Detailed Specifications

SECTION 265561 – THEATRICAL LIGHTING FIXTURES

PART 1 - GENERAL

1.1   RELATED DOCUMENTS

A.   Drawings and general provisions of the Contract, including General and Supplementary conditions and Division 01 Specification Sections, apply to this Section.

1.2   SUMMARY

A.   This section specifies loose theatrical lighting equipment, including the following:

1.   Lighting Fixtures
2.   Fixture Accessories
3.   Lighting Control Console & Accessories
4.   Cable Assemblies
5.   Stage Hardware
6.   Tools, Storage & Supplies

B.   Work not included:

1.   Theatrical Lighting Controls
2.   Installation of fixtures (by Owner)

1.3   SUBMITTALS

A.   Submit a complete bill of materials for each product listed herein.

B.   Submit product data sheets for all items for approval prior to shipment.

C.   Submittal sheet size shall be uniform. Submittals of more than 5 sheets shall be bound.

D.   Submittals shall be revised and resubmitted as required.

1.4   QUALITY ASSURANCE AND STANDARDS

A.   Instruments shall be fabricated according to the standards of Underwriters' Laboratories, Inc. and shall be labeled to attest UL listing.

B.   Warrant the equipment to be free to defects in materials and workmanship for a period of one year from the date of acceptance by the Owner. The warranty shall specifically include, but not be limited to, lamp sockets, lenses, shutters, and clamps. If any item proves defective within the warranty period it shall be replaced at no cost to the Owner.

PART 2 - PRODUCTS

2.1   GENERAL FABRICATION REQUIREMENTS

A.   Instruments shall be free of light leaks and spurious reflections adjacent to their fields.

B.   Instrument fields shall be visually uniform and without hot spots, holes, stripes, or rings.

C.   Instruments shall be ventilated and/or conductively cooled to maintain temperature ratings set by lamp manufacturers.

D.   Fixture exterior finishes shall be matte black.

E.   Manufacturer's nameplates shall be inconspicuous, with letters not exceeding 1/2" (13mm) high.

F.   Pigtails shall be 3'-0" (1M) long unless otherwise noted.

G.   Pipe clamps shall be C-Clamp type for 1.9" (48mm) O.D. pipe unless otherwise noted. Pipe clamps shall be fitted with a spacer between clamp and yoke to permit 360° rotation.

H.   Color frames, safety cables, top hats, donuts, barn doors, clamps and other similar accessories shall be matte black.

2.2   LIGHTING FIXTURES

A.   Furnish the following theatrical lighting fixtures:

1.   Description: Chauvet IP65 LED Ellipsoidal
        Manufacturer: Chauvet # Ovation E-910FC IP
        Accessories: Pipe Clamp, Safety Cable
        Connector: 20A PowerCon True1 Power-Input Cable
        Quantity: 65

2.   Description: D40XT Lustr+
        Manufacturer: ETC #SELD40LO-0_____
        Accessories: Matte Black Color Frames, Pipe Clamp, Safety Cable
        Connector: 20A Molex
        Quantity: 24

3.   Description: Automated IP66 Fresnel Wash Fixture
        Manufacturer: SGM G-4 Wash #80101001, 83060602
        Accessories: OmegaBracket, ProBurger Snap Coupler, Safety Cable
        Lamp Type: LED 260W
        Connector: 20A PowerCon True1 Power-Input Cable
        Quantity: 6

2.3   FIXTURE ACCESSORIES

A.   Furnish the following fixture accessories

1.   Description: Flight case for (4) SGM G-4 fixtures
        Manufacturer: SGM #82051011
        Quantity: 2
2.   Description: ShoW DMX Vero Net Wireless DMX Transceiver
        Manufacturer: City Theatrical #7400-5708
        Quantity: 3

3. Description: 14° Lens Tube for Source Four
    Manufacturer: ETC #414LT
    Quantity: 6

4. Description: 19° Lens Tube for Source Four
    Manufacturer: ETC #419LT
    Quantity: 17

5. Description: 26° Lens Tube for Source Four
    Manufacturer: ETC #426LT
    Quantity: 28

6. Description: 36° Lens Tube for Source Four
    Manufacturer: ETC #436LT
    Quantity: 18

7. Description: 50° Lens Tube for Source Four
    Manufacturer: ETC #450LT
    Quantity: 12

8. Description: Oblong Medium Lens for D40
    Manufacturer: ETC # SELOM-7.5
    Quantity: 18

9. Description: Oblong Wide Lens for D40
    Manufacturer: ETC # SELOW-7.5
    Quantity: 6

10. Description: Drop-In Iris for Source Four
    Manufacturer: City Theatrical #2180
    Quantity: 2

11. Description: Followspot Yoke for Chauvet Ovation
    Manufacturer: City Theatrical #1515
    Quantity: 2

12. Description: Followspot Yoke Handle for LED Source Four
    Manufacturer: City Theatrical #1522
    Quantity: 2

13. Description: Followspot Handle for Source Four
    Manufacturer: City Theatrical #1360
    Quantity: 2

14. Description: Concentric Ring for Source Four PAR (For D40s)
    Manufacturer: City Theatrical #2484
    Quantity: 24

15. Description: Spare C-Clamp
    Manufacturer: ETC #400CC
    Quantity: 5

16.   Description: Spare Safety Cable
            Manufacturer: ETC #400SC
            Quantity: 10

2.4   LIGHTING CONTROL CONSOLE

A.   The lighting control console shall be a microprocessor-based system specifically designed to provide complete control of stage, studio, and entertainment lighting systems. The console shall be from one of the following systems:

    1.   ETC Ion XE

B.   Minimum Basic Capacities:

    1.   2000 control outputs
    2.   4 rotary encoders
    3.   Remote video support
    4.   Lighting Network device control

        a.   Direct control of third party sACN/ACN devices
        b.   DMX512 / RDM hardware interfaces
        c.   Support MIDI, SMPTE and RS-232 interfaces

    5.   Variable 110VAC – 240VAC, 50/60 Hz. Operation

C.   General

    1.   User interface shall be fully graphical with a command line. Control commands shall be accepted as either command line or direct entry.
    2.   The main control shall consist of a numeric keypad, dedicated control keys, context sensitive soft keys, level control wheel, and pointing device.
    3.   A blind display mode shall allow viewing and modification of all recordable attributes without affecting live stage levels.
    4.   A patch display mode shall be used to display and modify system control channels with their associated data.
    5.   Control and programming features for automated fixtures shall include: a standard library of fixture profiles, the ability to copy and edit existing profiles and create new profiles, patch displays including channel and output addressing, 16-bit fade resolution, color characterization allowing color mixing and storing in hue and saturation or native device values.
    6.   Control channel data shall be recordable as cues, groups, submasters, palettes, effects, macros, curves, and patch contained in non-volatile electronic memory and stored as show data to internal storage or to any USB storage device.
    7.   The console shall be capable of being placed in Tracking or Cue Only record mode by the user.
    8.   A freely available offline editing application shall be provided for creation and modification of show data on a personal computer.
    9.   A personal computer running a client software application shall be able to connect to a control system via the network and view current show data in a mirrored display environment.
    10. The system shall allow remote control from a wireless handheld remote.
    11. The system shall support configuration and operation of two consoles or a console and a dedicated processor as a main and fully tracking backup.

D.   Provide with each console two (2) external 22" or larger touchscreen LCD monitors, alphanumeric keyboard, mouse with mousepad, 6'-0" (2m) power and data cables, dust covers, and (2) littlelight task lights.

E.   Provide a 20 fader wing interface with built in displays, USB connection, and 100 playback pages.

F.   Provide a Wireless Hand-Held Remote capable of setting individual channels and groups of channels to levels, raising and lowering the levels, stepping automatically to the next or last cue or channel, going to, and playing back individual cues.

G.   Provide a flight case for the theatrical lighting console and fader wing.

H.   Furnish the following console accessories:

1.   One (1) Portable uninterruptible power supply, APC Smart-UPS 750VA.
2.   Two (2) Edison (NEMA 5-15) power cords, 10'-0" (3m) length.
3.   Two (2) 8 GB capacity USB storage keys, ETC #I6209 or approved equal.

2.5   CABLE ASSEMBLIES

A.   All cable assemblies shall be tested after fabrication to assure wire continuity and correct polarity of connections.

B.   All cable assemblies shall include shrink wrapped identification label with text "LEHMAN" beneath shrink wrap.

C.   DMX512 (5-pin XLR) cable assemblies shall consist of ruggedized cable, terminating at each end to Neutrik XX-Series XLR5 connectors with black shell and color coded bushing to identify cable length. Assemblies shall be terminated in accordance with USITT (United States Institute for Theatre Technology) DMX512 specification. Furnish the following:

1.   (50) DMX512 cable assemblies of 5'-0" (1.5M) length, red color code.
2.   (40) DMX512 cable assemblies of 10'-0" (3M) length, green color code.
3.   (10) DMX512 cable assemblies of 25'-0" (8M) length, purple color code.
4.   (2) DMX512 cable assemblies of 50'-0" (15M) length, orange color code.

D.   PowerCon True1 pass thru jumper assemblies shall consist of 12/3 SOOW cables, terminating at each end with a Neutrik PowerCon True1 connector. Label cables at each end with shrink wrapped color code to identify cable length. Furnish the following:

1.   (50) PowerCon True1 jumper assemblies of 5'-0" (1.5M) length, red color code
2.   (40) PowerCon True1 jumper assemblies of 10'-0" (3M) length, green color code.
3.   (10) PowerCon True1 jumper assemblies of 25'-0" (8M) length, purple color code.

E.   Adapter assemblies shall consist of 12/3 SJOW cables, terminating at one end with connectors as indicated below. Furnish the following:

1.   (3) Male Edison to PowerCon True1 Power-Input Cable Adapter assemblies of 5'-0" (1.5M) length.
2.   (24) Male ETC Molex to PowerCon True1 Power-Input Cable Adapter assemblies of 1'-0" (0.3M) length.
3.   (24) Male PowerCon True1 Power-Output Cable Adapter to ETC Molex assemblies of 1'-0" (0.3M) length.

2.6   STAGE HARDWARE

A.   Furnish the following components:

1.   Description: City Theatrical Safer Sidearm, 24" with (2) tees, #204
       Quantity: 20

2.7   TOOLS, STORAGE, & SUPPLIES

A.   Furnish the following items:

1.   Description: 5-Pin DMX Terminator
       Quantity: 15

2.   Description: Heavy Duty 30" x 30" Cable Trunk w/ 4" Casters
       Quantity: 1

Attachment C: Scope of Work and Site Logistics

Furnish and Deliver all stage lighting equipment included in the Detailed Specifications. Bidder shall install connectors and lamps for all fixtures prior to delivery. All fixtures shall also be tested by the Bidder prior to delivery.

Bidder shall stencil "LEHMAN" in one inch high characters on each stage lighting fixture body, lens barrel, concentric rings, storage case, power distribution box nad other similar items and component using red oxide paint.

Bidder is required to coordinate and schedule delivery with the point of contact provided on the Purchase Order. The Delivery address is Lehman College, 250 Bedford Park Boulevard West, Bronx, NY 10468.