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March 25, 2021

Date

NOTICE TO BIDDERS

We are requesting bids for the following:

OUTDOOR CAMERA SYSTEM FOR LIVE RACE

Attached are the specifications.

Bidders shall state whether the item(s) proposed strictly meet these specifications and if not, they shall list each variation there from.

Sealed bids shall be delivered to the office of the Tulsa County Public Facilities Authority, Southwest Corner of the River Spirit Expo, 4145 East 21st Street, Tulsa, Oklahoma 74114 until 11:00 a.m. on April 13, 2021. Bids shall be submitted in an envelope clearly labeled "Outdoor Camera Bid".

Bids will be opened by the TCPFA in the Expo Square Administrative Office, 4145 East 21st Street, Tulsa, Oklahoma, 74114 at 1:00 p.m. on April 13, 2021.

"Affidavit for Filing with Competitive Bid" form must be signed, notarized, and returned with bid or bid will not be accepted.

The Tulsa County Public Facilities Authority reserves the right to reject any and all bids and waive informalities or minor irregularities in any bid.

Respectfully yours,

A handwritten signature in black ink that reads "Jessica Booth".

Jessica Booth
Purchasing Agent

Specifications for Outdoor Rated Pan, Tilt, Zoom (PTZ) Cameras with Mounts and Remote Camera Controller

Intent: The Tulsa County Public Facilities Authority (TCPFA) is requesting bids to purchase a quantity of two (2) PTZ Cameras for Live Race with remote camera controller, power supply and necessary mounting equipment.

General Requirements: Bidders shall keep the following in consideration while bidding these items:

- Bid pricing must contain total cost. No additional costs will be permitted.
- Bidders must include freight to 4000 East 15th Street, Tulsa, OK 74112.

Specifications:

Camera

- 1920 x 1080 HD resolution or better (60p frame rate)
- Output SDI and IP (also HDMI and NDI additional outputs are a plus for future use)
- IP67 rated or higher
 - Ingress Protection Numbers
 - The first number – 6 shows an extremely high protection from dust
 - The second number – 7 shows an extremely high protection from moisture
- Suitable for use in Oklahoma weather (rain, wind, and other), as well as temperature ranges
- 30x Optical Zoom or better
- Adjustable aperture, shutter and focal length
- Ability to white-balance camera
- 360 degree pan range (for camera side-to-side movement)
- 120 degree tilt range (for camera up and down movement)
- Adjustable movement speeds
- Auto-focusing, auto-exposure/iris/gain (adaptive illumination), and auto-white balance features provide functionality in a Wide Dynamic Range (WDR)
- Minimum illumination (low light) and neutral density filters (bright light)
- Lens cleaning & defogging capabilities
- Image stabilization
- Ability to send clean video with no on-screen text or system markings
- Specify and warranty length and extended warranty options
- Support for ONVIF protocols.
- Does camera have the capability to be powered by PoE (Power over Ethernet)?

- Camera Examples:
 - Bolin – EX1030SHD-B-LSN2P1 Camera



- Birddog – Eyes A300 Camera



Remote Camera Controller

- Ability to establish pre-programmed locations and movements
- “Joystick” type controller available for free movements
- Ability to move camera in any directions from controller (side-to-side, up-and -down, or any combination of the two movements)
- Ability to change speed of camera movements.
- Ability to zoom in/out and change focus on the camera
- Ability to compensate for lighting via exposure, iris, and filter controls.
- Ability for White balance camera remotely.
- Ability to adjust white balance
- RS232/RS423 and IP capable controller
- Specify and warranty length and extended warranty options
- Controller Examples (both models look identical except for logo in lower right):
 - Bolin – KDB-1010-RNV



- Birddog – BDPTZKEY PTZ



Power Supply

- AC power supply for mounted camera in weatherproof case

Mounting Bracket

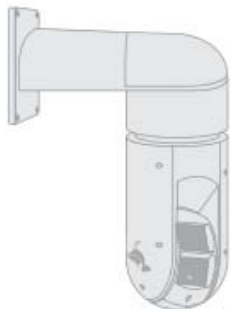
- “Pendant” type mount that supports the camera from above and allows the camera to move freely.
- Examples of this type of mount:

- Bolin mount:

EX1000-WM



- Birddog mount:



Pole Mount

- Mounting bracket for a 4” to 8” pole
- For connecting “Mounting Bracket”
- Examples of Pole Mount
 - Bolin – 4 to 8 inch diameter pole mount



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- Birddog – Model DB-A-PMA



Questions: Any questions requiring answers prior to submitting a bid are to be sent to Jessica Booth, Purchasing Agent, via email to jessica@exposquare.com no later 5:00 p.m. on April 8, 2021.

**Bid Submittal Form
For
PTZ Outdoor Camera System**

*Bid responses must include affidavit for filing with competitive bid, bid submittal form and warranty information. Prices must include freight to TCPFA.

Price per Camera System - camera, remote, power supply, mounting pole & bracket as specified:

\$ _____

Price for two (2) Camera Systems - camera, remote, power supply, mounting pole & bracket as specified:

\$ _____

Specify Camera Brand: _____ Bolin _____ Birddog

Delivery Time Once PO Received: _____

Vendor: _____

Contact Name: _____

Email Address: _____

Telephone #: _____

Address: _____

TULSA COUNTY PUBLIC FACILITIES AUTHORITY
AFFIDAVIT FOR FILING WITH COMPETITIVE BID

_____, of lawful age, being first duly sworn, on oath says, that (s)he is the agent authorized by the bidder to submit the attached bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any Tulsa County Public Facilities Authority official or employee as to quantity, quality or price in the prospective contract, or any other terms of said prospective contract; or in any discussions between bidders and any Tulsa County Public Facilities Authority official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

Subscribed and sworn to before me this _____ day of _____, 20 _____.

NOTARY PUBLIC

My Commission expires _____, _____

NOTE:

Each competitive bid submitted to a county, school district or municipality must be accompanied by this properly completed Affidavit as required by 74 O.S 1981 § 85.24. Bidder shall be disqualified if Affidavit:

1. Is **not** properly completed.
2. Does **not** accompany bid.