

UPGRADE TO PUBLIC ANNOUNCEMENT SYSTEM

**CITY OF YOUNGSVILLE
SPORTS COMPLEX**

Youngsville, Louisiana
December 6, 2018

REQUEST FOR PROPOSALS

SUBMITTED BY: Sally M. Angers, City Clerk

NOTICE TO PROPOSERS AND OPENING OF PROPOSALS

Proposals should be submitted only in the format provided herein and shall be evaluated by representatives of City of Youngsville, Louisiana according to the criteria established herein.

Proposals to complete the work shall be submitted through the appointed online electronic platform only. Proposers are required to electronically submit documentation and verify proper state licensing with their proposals.

Proposals must be submitted through **LaMATS e-Auction Services (EASiBUY)**. In order to prequalify to submit bids electronically, registration at www.lamats.net/bidding and/or <https://lamats.eauctionservice.com/login> is required. Registration and submission of proposals electronically is at no cost. The awarded bidder will be required to pay an electronic processing/administrative fee as described under **“ELECTRONIC PROCESSING AND ADMINISTRATIVE FEE.”**

Registration to bid is required to be completed prior to the proposal deadline and proposals will be submitted no later than 10:30 a.m. on January 8, 2019. A pre-bid site visit is mandatory for all proposers. Unless an alternative date is scheduled by a proposer, the regular pre-bid site visit will be on December 11, 2018 at 2:00 p.m. at the Youngsville Sports Complex Gym located at 801 Savoy Road, Youngsville, LA 70592. Upon the close of acceptance of proposals, the names and status of proposers will be publicly read at 11:00 a.m., January 8, 2019, at Youngsville City Hall located at 305 Iberia Street, Youngsville, Louisiana 70592.

GENERAL SCOPE OF WORK

The purpose of the contract is to hire a Louisiana licensed vendor/contractor to upgrade the city's Public Announcement System at the city's Recreational Complex located at 801 Savoy Road, Youngsville, LA 70502 by no later than Thursday, February 15, 2019. Proposals should include, but are not limited to, the specifications which follow. Any proposal submitted should address the ability to provide components that meet the specifications or to explain why a proposed component will not meet the specifications.

SPECIFICATIONS

(Please note that all specifications are illustrative only. Components, product brands, and layout/design/capacity of equal quality and functionality will be considered)

(1) DSP Control Units

The device should provide twelve analog mic/line inputs that are adjustable from line to mic level with coarse gain, fine trim, phantom power, invert and mute, and 8 analog line outputs that are adjustable +4 dBu or -10 dBV nominal with fine trim and mute. All signal processing, mixing and routing functions (including I/O levels) must be controllable via software. Audio inputs and outputs shall be accessed via rear panel 3.81 mm terminal block connectors.

Network audio expansion should be provided by the Dante protocol with a capacity of 128 (64x64) channels. Primary and Secondary Dante network audio connections should be provided for redundant network implementation. Connectors should be gigabit RJ45 utilizing CAT6 cable.

External control should include dedicated software screens as well as preset selection, I/O level control and muting using a wall panel remote control via industry-standard CAT5 cable with RJ45 connectors. A built-in web server is desired to provide WEB control, to allow for user

control from nearly any web browser or mobile device. Audio conversion desired is 24bit, 48 kHz and internal processing desired is 32-bit or 40-bit floating point, 48 kHz.

System must allow for central control at the baseball field with remote control for the softball, soccer and tennis courts from the Central Control Location (Baseball Filed). The Remote locations will have 1 wall control at each remote location, to enable control at that specific location and only for that location. The remote locations will have amp racks installed to house and any other peripheral rackmount equipment.

(2) Baseball Field Speakers (5 desired)

Two-way horn-loaded coaxial loudspeaker system with wide bandwidth directivity control and high efficiency. Mid-bass and high frequency waveguides may be rotated to maintain uniform pattern control over the entire critical intelligibility range regardless of enclosure orientation. Pattern control down to 500Hz. Fully-weatherized construction with stainless steel rigging components and fiberglass coating are preferred.

Coverage Pattern: 60x40 degrees

Frequency Range (-10dB): 60Hz-15KHz

Max SPL: 138dB @ 1m

Reference Model or Equivalent: Electrovoice EVH-1152S/64FG

(3) Soft Ball Field Speakers (4 desired)

15-Inch Two-Way passive loudspeaker. Weather Resistant System with a molded polymer enclosure, multilayer grille with hydrophobic cloth and a gland nut input connection. Permanent Installation via manufacturer's U-Bracket.

Coverage Pattern: 90x50 degrees

Frequency Range (-10dB): 39Hz-20KHz

Max SPL: 132 dB @ 1m

Reference Model or Equivalent I: Electrovoice ZX5-90PI

(4) Tennis Court Speakers (2 desired)

12-Inch Two-Way passive loudspeaker. Weather Resistant System with a molded polymer enclosure, multilayer grille with hydrophobic cloth and a gland nut input connection. Permanent Installation via manufacturer's U-Bracket.

Coverage Pattern: 90x50 degrees

Frequency Range (-10dB): 48Hz-20KHz

Max SPL: 131 dB @ 1m

Reference Model or Equivalent: Electrovoice

(5) Soccer Field Speakers (2 desired)

Two-Way passive loudspeaker with high-efficiency. Two-element midbass vertical array with overlapping woofers produces vertical pattern control, far-field intelligibility and very high output. Weather Resistant System with a molded polymer enclosure, multilayer grille with hydrophobic cloth and sealed input connection. Includes mounting system to allow 60° vertical and 180° horizontal simple adjustment.

Coverage Pattern: 65x65 degrees

Frequency Range: 70-16KHz

Max SPL: 139dB

Reference Model or Equivalent: Electrovoice SX600-PI

(6) Speaker Amplifier

Professional Installation Audio Amplifier with integrated DSP. Class-H topology with high efficiency and stability down to 2 ohms. Integrated digital signal processing provides access to loudspeaker tuning and venue system commissioning via control software. Power-saving standby mode can be triggered via integrated remote contact logic.

Maximum output power per channel (IHF-A Dual Channel): 1700W

Maximum RMA Voltage Swing (THD 1%, 1KHz): 90.6V

Integrated Protection: Audio limiters, high temperature, DC, HF, Back-EMF, Peak current limiters, Inrush current limiters, Turn on delay

Reference Model or Equivalent: Dynacord C3600FDi

All Equivalent Models must be submitted and approved

Ease Models illustrating system performance must be part of a contractor's proposal

LICENSING

Proposers must submit their Louisiana Contractor's license number with their proposal.

CHANGES/ADDENDUMS

Contractors shall address all concerns or questions during the pre-bid site visit. If necessary, the pre-bid meeting concerns or questions will be incorporated into an addendum and will be published. Potential contractors should come prepared to take photos, draw sketches, take notes and to otherwise document what they observe and ascertain during the pre-bid meeting. Thereafter, a proposer's representative may make additional visits to the site upon appointment prior to proposal submission.

PROPOSALS

With their proposals, proposers should submit drawings and/or illustrations showing where their work will commence and end, and where equipment or components will be installed. The proposal should itemize all components, product and materials, including quantities, to be installed. The number of workers to be assigned to the job, and their classifications should be provided. The types of equipment required to complete the job should be listed.

Proposals should describe the corporate structure of the company submitting the proposal and list the names and qualifications of its key personnel. Proposers should provide as references prior successful projects they have completed that are similar in size and scope to the project specified herein.

The proposal should generally outline the process to be employed and how many days it will take to complete the job once commenced.

The city is responsible for and will solely evaluate all proposals to determine an award, if any, and to pay for the contracted services provided. The city reserves the right to cancel the solicitation if it determines the proposals submitted are not in the best interests of the school.

PRICING

Proposers must submit one “turnkey” price for installation, construction, materials and labor. The city reserves the right to enter into discussions with any proposer it deems capable of being awarded the contract and to solicit best and final offers from said contractors.

CONTRACT

Contractors should submit with their proposals their standard commercial contract agreement offered to commercial end-users. The city will consider the contract but reserves the right to negotiate changes or alterations to the contract in any manner that is consistent with the terms, conditions and specifications comprising this solicitation.

A performance bond for the entire price of the project will be required prior to commencement of work. The city reserves the right to review and determine the sufficiency of the performance bond and the rating of the issuer prior to commencement of work.

Unless waived, additional Contract Terms and Conditions will include:

A. Initial site inspection: The contractor shall be presumed to have made a reasonable inspection of the premises prior to the time of bidding and shall be held responsible for all information available through such inspection. The contractor shall immediately upon discovery, bring to the attention of the owner any conflicts that may occur among the various provisions of the specifications and plans. The owner shall resolve such conflicts and shall be responsible for any costs reasonably incurred by the contractor due to such conflict. Failure of the contractor to bring conflicts or exceptions to the attention of the owner shall allow the owner to require any change deemed necessary before acceptance by the owner.

B. Insurance Requirements:

1. Contractor’s and Subcontractor’s Insurance: The contractor shall not commence work under this contract until he has obtained all the insurance required under this paragraph and such insurance has been approved by the city, nor shall the contractor allow any subcontractor to commence work on his sub-contract until the insurance required of the subcontract has been so obtained and approved.

2. Workman’s Compensation Insurance: The contractor shall procure and shall maintain during the life of the contract, Workman’s Compensation Insurance with employer’s liability limits of \$1M/\$1M/\$1M and a waiver of subrogation in favor of the city. Youngsville. In case any such work is sublet, the contractor shall require the subcontractor similarly to provide Workman’s Compensation Insurance for all of the latter’s employees engaged in such work and shall provide a waiver of subrogation in favor of the city.

3. Contractor’s Public Liability and Property Damage Insurance: The contractor will be required to procure and shall maintain during the life of this contract, Contractor’s Public Liability Insurance in an amount of \$1,000,000 per Occurrence with \$2,000,000 aggregate for general liability. Contractor will list the city as an additional insured and include a waiver of subrogation in favor of the City of Youngsville and the Youngsville Sports Complex.

4. Subcontractor’s Public Liability and Property Damage Insurance: The contractor shall require each of his subcontractors to procure and to maintain during the life of his subcontract, Subcontractor’s Public Liability and Property Damage Insurance of the type specified in subparagraph 3 hereof in the amount specified.

5. Automobile Public and Property Damage Insurance: The contractor shall require each of his subcontractors to procure and to maintain during the life of his subcontract, Automobile Public Liability Insurance “CSL” of \$1,000,000 and to include the city as an

additional insured with waiver of subrogation in favor of the city to include the contractor's owned automobiles and trucks, hired automobiles and trucks, and automobiles and trucks not owned by the contractor.

C. Warranties: The successful contractor shall, upon completion of the project, protect the owner against defective materials or faulty workmanship for a period of two (2) years. All manufacturer warranties on parts, components, products and materials shall be transferred to City of Youngsville and the successful contractor will be responsible for warranty enforcement against the manufacturer if called upon to do so.

D. Codes, Permits and Licenses: All work shall comply with the applicable rules of the National Electrical Code, the National Electrical Safety Code, the National Fire Codes, (published by the National Fire Protection Association), state and local codes and ordinances, and the terms and conditions of the services of the electrical utility, as well as any other authorities that may have lawful jurisdiction pertaining to the work specified. None of the terms or provisions of this specification shall be construed as waiving any of the rules, regulations or requirements of these authorities. If applicable, the contractor shall procure all necessary permits or licenses to carry out his work, and shall pay the lawful fee therefore, as well as for any inspection fee or the cost of a certificate of approval.

In any instance where these specifications call for materials for construction of a better quality or larger size than required by the codes, the provisions of these specifications shall take precedence. The codes shall govern in the case of direct conflict between the codes and the plans and the specifications.

EVALUATION OF PROPOSALS

The City of Youngsville reserves the right to enter into discussions with and to negotiate final prices and configurations with those proposers most likely to be in a position to be awarded the contract, including the negotiation of best and final offers. It is the city's intent to award the work to the contractor who scores the highest points in the areas of: responsibility; dependability; knowledge of how the project should be completed; appropriate licensing; proposal presentation; design; aesthetics; warranties and lowest overall cost. Price will represent 50% of a proposal's score with the other factors listed herein representing 50% of a proposal's score, based on a total of 100 points. The city reserves the right to cancel the solicitation at any time and to reject any or all proposals received.

ELECTRONIC PROCESSING AND ADMINISTRATIVE FEE

There shall be a 2% electronic processing and administrative fee payable by the contractor awarded the project based on the contractor's final bid price. All proposers must take the electronic processing and administrative fee into consideration when providing price bids. Under no circumstances will a proposer be allowed to add or "tack" the electronic processing and administrative fee onto their final bid. Total price bid to be considered includes the electronic processing and administrative fee. The electronic processing and administrative fee is payable directly to EASiBUY at ATTN: LaMATS Purchasing Services, 700 North Tenth Street, Baton Rouge, LA 70802, by check, money order or cashier's check within five (5) days of contract award. Failure to pay the fee will result in delay of the project or withholding of fees.

ADDENDA AND INTERPRETATIONS

No interpretation of the meaning of the specifications or contract documents will be made orally to any Proposer. Every request for such interpretation should be in writing and emailed to Josh Smith, Assistant Director, Youngsville Sports Complex, joshsmith@youngsvillela.gov. To be given

consideration, such requests must be received sufficiently prior to the date fixed for the opening of proposals to permit distribution of response to all proposers. Proposers shall not contact any other City of Youngsville personnel directly in regard to the solicitation.

All technical questions regarding registration, submittal of bids and use of the electronic bid platform shall be directed to Frank Jackson, EASiBUY, fjackson@eauctionservices.com.