



Ontario School District 8C

Elementary Schools Public Address / Bell System

Bid Specs

May 6th, 2019

70v paging system

8x4 DSP minimum (for elementary schools)
speaker amplifiers as needed per zone
speakers in each classroom and as needed elsewhere
online scheduling for bell zones
bells = one input per zone
paging = all call
ESI phone system = unknown number of zones supported

Schools to be included under this bid package are as follows:

Aiken Elementary 1297 W Idaho Ave Ontario, OR 97914	Alameda Elementary 1252 Alameda Drive Ontario, OR 97914	Cairo Elementary 531 Hwy 20/26 Ontario, OR 97914	Pioneer Elementary 4744 Pioneer Rd Ontario, OR 97914
---	---	--	--

Ontario elementary schools presently have a combination of different bell / buzzer systems. There are remnants from previous systems still in place (Simplex Control Box & Old Black Pin Panel) and some are still active. We would like to have as many of these devices removed as possible and any remaining items properly identified as to their purpose. Bidders will be asked to do a room by room inspection to determine an accurate assessment of existing infrastructure for this project.

Preferred equipment is:

Biamp Nexia TC DSP processor (inputs and outputs w/Tel. Interface to be determined by contractor)

Ashly amplifier 70 volt 120 watt

National Time & Signal Master Clock Scheduler/Controller w/WeM-MC100

Bell Chime to be used with clock scheduler

25V/70V speakers

25V/70V outdoor horns



Any other equipment proposed by bidder will require review and approval by the Ontario School District. Cut sheets and spec sheets must be provided with the bids if bid does not include the above listed equipment.

Space for new equipment will be available in the existing racks that house current I T equipment. Contractor will have to work with the I T department on location of new equipment.

New public address system will be connected to and accessed through the existing ESI phone system. "All Calls" will be able to be made from any ESI phone in the building, this may require sub-contracting to get and make the necessary hardware and to make the connections between ESI equipment and the new equipment. This will be the contractor's responsibility to arrange. Audio will come through wall or ceiling mounted speakers. Submitted bids should take this into account.

Any buzzers or bells that are abandoned or no longer being used will be removed and boxes blanked out.

If there are existing speakers that will work we would like to use them for the public address system.

Speakers will be added to every classroom that does not have a speaker. Speakers will also be added to the office spaces, hallways, cafeteria, gymnasium, kitchen and exterior locations. Speakers in hallways will be located so that people cannot be jumping up and hitting them with their hands. There will need to be enough speakers added to the halls to allow for ample coverage throughout the length of the halls.

Existing wiring can be re-used if compatible. Any wire abandoned or disconnected will have to be marked as such and left capped in a safe manner. We would like to re-use as much of the existing pathways as possible to keep costs as low as possible. Any wire pulled or removed will be replaced with a pull cord for future use.

Speakers placed in the gymnasium and cafeteria will have protective guards placed over them protecting them from damage by basketballs and other flying athletic equipment.

Bell system will be intranet accessible for programming purposes and will need to be able to support and be compatible with all of the other schools and facilities throughout the district. Ontario School District 8C Tech Department will provide IP addresses as needed along with any other technical information. Any type of remote accessing can only be approved and provided by the tech department.

Interior devices need to have an adjustable volume control either through wiring arrangement or possibly a mechanical knob style control. In the event that bells will be heard through speakers then all buzzers will need to be removed and returned to the Ontario School District. Old style classroom bells will need to be removed and returned to the Ontario School District if no longer in use. Boxes left in walls and ceilings will be covered with blank plates and properly labeled.

No proprietary devices shall be permitted, standard equipment that can be readily purchased for future replacement is required for the audible devices.



Three binders will be provided at the conclusion of the project with hard copies (paper) of all schools, devices, and equipment. This will include owner manuals, operator manuals, warranties, parts list, drawings etc. If manuals are not available then a prepared document will have electronic links to locate information about the equipment and its operation.

Systems need to be independent enough so that if one system fails we have the other to get by with. Example, if the public address system fails then we can get by with bell signals and vice versa.

Installation of equipment and the running of cabling or wire will be done in a professional workmanship style and compliant with all applicable codes. All wiring paths will be approved by the Ontario School District prior to being installed. Work will be performed in such a manner that no children or classroom instruction is interrupted during the normal school day. This may require scheduling over holiday breaks, evenings, and or weekends. All electrical and or low voltage codes will be followed during installation.

Any equipment removed that is still in working condition will be returned to the Ontario School District maintenance department. Contractor is required to conduct their own survey of each site, generate their own equipment and materials list and take their own measurements. Drawings provided for each school are only pencil drawings and are not to scale and may have errors such as door locations.

Contractor is responsible for all installation and commissioning of all equipment, wiring, and protective devices. Contractor is also responsible for training staff at each of the facilities so that they are competent in the operation and programming of schedules and use of the public address system. This may require coming back prior to the 2019-20 school year beginning depending on the date of project completion. Secretaries and principals do not typically work during the summer.

As a reminder, we are an Oregon Public School District and the use of tobacco is not permitted on any school property. Contractors and employees of contractors are required to leave school property during the use of tobacco products.

Contractor, sub-contractors, and all employees of these contractors will have to pass Ontario School District 8C approved background checks. There is a \$50.00 dollar + \$12.50 finger print fee per individual for this service which shall be the financial responsibility of Contractor. Information will be provided upon award of the contract. All background checks have to be completed prior to the beginning of work at any site.

Lead Safety for Renovation, Repair, & Painting guidelines will be adhered to. Contractors will be responsible for testing prior to any work being performed. If lead is detected then all rules for renovation will be adhered to by a licensed certified person. Proof of certification will be required before work begins.

Contractor will meet with and discuss any concerns of asbestos with the districts asbestos program manager Jeff Hamm prior to work beginning and sign a short term worker notification form stating his awareness of where we know there is asbestos containing materials.



For accounting purposes, separate billing will be submitted for each school separating out equipment costs and labor costs.

Each school should be bid independently knowing that each of the projects may be awarded by cost and ability to meet the completion date of August 9th, 2019.

Contractor is responsible for providing proof of Oregon licensing and proof of insurance. In the event that these projects exceed \$50,000 dollar price then all Oregon prevailing wage requirements will be enforced. Proof of wages may be required per the Ontario School District 8C's CFO.

Projects must be completed by August 9th, 2019. If work cannot be completed by this date an agreed to date between the contractor and the Ontario School District must be provided in writing by the contractor before work begins.

Bids may be submitted by USPS, faxed, hand delivered, or sent electronically. All bids will be due by June 20th, 2019 at 4:00 p.m. Walk through inspections of the sites can be arranged through Bob Bennett by appointment.

Questions or clarifications will need to be done through email so that all parties interested are aware of any changes or corrections. Please send your questions to Bob Bennett the facilities manager at bbennett@ontario.k12.or.us

Thank you for taking the time to review our project and make bids. We look forward to hearing from you.

Bob Bennett / Facilities Manager

Ontario School District 8C

195 SW 3rd Ave

Ontario OR 97914

541-881-1274 office

541-889-8553 fax

bbennett@ontario.k12.or.us

6/14/19 Date has been extended to allow interested parties to complete and submit bids. New closing date is 6/20/2019 at 4:00 p.m.

