May 7, 2020

To Whom It May Concern:

Please be advised that the Platte County R-3 School District (PCR-3) is requesting proposals for district school bus transportation systems and devices. Your company may provide a solution that includes all of these requirements or you may partner with other organizations to provide a complete solution. It is the responsibility of the provider to identify how your solution will interact with partner resources.

The full capabilities and requirements can be viewed in ATTACHMENT I.   ATTACHMENT II lists the current PCR-3 school bus fleet.

Proposals must be submitted on the enclosed Proposal Sheet form (ATTACHMENT III) and shall be marked with the Vendor's name and the words "School Bus Transportation Systems and Devices Proposal" clearly marked on the outside of the envelope.

Proposals are to be received on or before Tuesday June 9, 2020 at 10:00am CT.

Proposals will be virtually opened at the District Education Center, located at 998 Platte Falls Rd. in Platte City on **Tuesday, June 9, 2020 at 10:00am CT**.   ZOOM meeting information is included at the end of this document.

Summary sheets and purchase recommendations will be made to the Board of Education at the regularly-scheduled board meeting on June 18, 2020. Prices are to remain firm for a period of thirty (30) days after the board meeting date.

It is the intent of the District to purchase school bus transportation system and devices for all of the current fleet of school buses as a part of the Proposal package. However, the Platte County R-3 Board of Education reserves the right to accept or reject any and all Proposals, or to cancel the RFP if budget conditions warrant such a reduction.

Proposals are to be submitted to: JT Thomas, Director of Transportation, Platte County R-3 School District, 998 Platte Falls Rd., Platte City, MO 64079.

Sincerely,

JT Thomas
Director of Transportation

Attachments (in email)

ATTACHMENT I: SCOPE OF SERVICES

SCOPE DETAIL

Platte County R3 School District ("PCR-3") is requesting proposals for district vehicle transportation system and devices. Your company may provide a solution that includes all of these requirements or you may partner with other organizations to provide a complete solution. It is the responsibility of the provider to identify how your solution will interact with partner resources. The following capabilities are requirements for the solution PCR-3 is seeking.

If some features are under development please note the expected completion time and define the scope of work. The successful Proposal must be willing to perform a live demo on district buses prior to awarding the final contract.

Services to include the following categories:

GPS
1. Vehicle monitoring will track district school bus. Reporting will be adjustable by district technology so efficient use of wireless data and timely reporting will support district operations.
2. The use of wireless carrier and the scope of services is to be defined precisely, including overage charges and speed restrictions.
3. The GPS system will monitor a set number of bus performance criteria so that vehicle health alerts are sent and/or retrievable by shop mechanics for buses with road mechanical problems.
4. GPS data will interact with parent bus locator application (this would need to interact with GPSconnect and Marketconnect APIs from Transfinder) for route comparison. That interaction must be supported by Transfinder (this could be "SafeFinder" from Transfinder). PCR-3 will manage the parent bus locator application software. The provider will manage the use of the planned and actual routing data for the purpose of reporting performance by bus, driver, tier, and school. Alert capability will be clearly defined in the proposal.
5. Your proposal must identify the mobile provider and the existence of flexibility (or rigidity) to use other providers.
6. The ability to have turn by turn directions on a tablet, audio, or handheld are to be defined in the proposal. Solutions must comply with DOT regulations regarding driver safety and avoid distractions.

Video
1. Six camera video cameras in each bus [one over driver at entry door; one for front half of bus (on bulkhead facing the back of the bus) two for mid cabin(one facing forward and the second facing back of bus), one at back of bus (facing front of the bus) and one front facing (drivers view through the windshield). Please specify if system is expandable

(additional cameras if desired). Wired connection is required. Live video monitoring is desirable.
2. WiFi Bus Lot Video Download required. Cellular download is optional.
3. Stop Arm Camera not mandated. Specify if automatic citation is available.
4. WiFi rider access for each bus is required to enable data internet connectivity. District must have ability to enable or disable as desired.

Communication
1. Parent bus and student tracking via bus app that protects student identity to unauthorized access.
2. School identification of bus location and arrival times for routes and trips.
3. Late buses are reported to schools and parents.

Student Ridership and Tablet Functionality
1. ADT Reports and Medicaid billing required as a part of the reporting on student ridership.
2. Driver pre-trip and post trip checklist on tablet functionality, is desirable.
3. Stop Validation for each student.
4. Specify required identification or scanning input for student ridership identification. Include cost of cards, fobs, etc. if required. Identify bar code scanning capabilities, range of the scanner, and bar code requirements.

Reporting
1. Flexible report capabilities for bus performance, historical information, and exception reporting.
2. Forms of exception reporting include route deviations, stop accuracy, and driver performance.
3. Report Builder enables user report configuration one time or on a scheduled basis.
4. Vehicle on-time report.
5. Stop Arm Open/Close report
6. ADT reports and Medicaid Reimbursements

Systems Capability
1. The solution will have the capability to receive information from Transfinder [PCR-3 routing software] including routing information, student data, maps, directions, and other information required to operate the software solution accurately and timely.
2. Must demonstrate ability to interface with PCR-3 software systems and to satisfy PCR-3 I.T. connectivity standards.
3. Must provide WiFi connectivity for passengers/occupants of the bus as allowed by PCR-3.

Storage and Equipment

It is important to properly size any server(s) and storage pool(s) needed to facilitate long-term retention of video and raw data. Vendor will produce sizing suggestions and **vendor supplied equipment** based upon the following:

- 44 School Buses
    - GPS
    - Video/voice data

- Student Ridership
- Routing data / Maps, etc.
- Approximately 6 hours a day of usage for 198 days a year (174 days for school routes, twenty days for summer school, and four days for route training. (continuous)
- Monday through Friday baseline
- Evenings and Weekends (Trips, Athletics, etc.)
    - Average of 1300 bus trips annually for an average of four running time per trip

- Specifications should list the storage consumption cost for each configuration <u>per day</u> and <u>total storage</u> needed for 21 days of retention at any time point throughout the year. Please also describe:
    - data aging
    - cyclical recording
    - retention priority settings (IE 1 year of GPS, and 21 days of video)

- flushing operations
- etc.

Routing and GPS information will be retained for one year in the system. Retention outside one year will be PCR-3 responsibility and will be assured as a part of the state ridership reporting process.

As per state guidelines, PCR-3 will retain three years of ridership data including students riding school provided transportation route, driver name, bus number, list of riders by school, route number, grade, ID number, distance transported, and bus stop location.

Vendor will support and maintain any installed physical equipment in the Districts Data Center(s) with Technology staff. Provide pricing for support of this equipment.

Miscellaneous

Please provide details and insight on other solutions not requested herein that you might suggest or find valuable.

ATTACHMENT II: CURRENT PCR-3 SCHOOL BUS FLEET

Vehicle #	Model Year	Manufacturer	Body Type
1	2010	Thomas	Transit
2	2007	Thomas	Conventional
3	2005	Thomas	Conventional
4	2017	IC Bus	Conventional
5	2006	Bluebird	Conventional
6	2007	Thomas	Conventional
7	2010	Thomas	Transit
8	2007	Thomas	Conventional
9	2019	Thomas	Conventional
10	2015	IC BUS	Conventional
11	2009	Thomas	Transit
12	2004	Thomas	Conventional
13	2009	Thomas	Transit
14	2014	IC BUS	Conventional
15	2015	Bluebird	Conventional
16	2009	Thomas	Transit
17	2010	Thomas	Transit
18	2006	Bluebird	Conventional
19	2005	Thomas	Conventional
20	2008	Thomas	Conventional
21	2009	Thomas	Cutaway
22	2006	Bluebird	Conventional
23	2007	Thomas	Conventional
24	2004	Thomas	Conventional
25	2015	Blue Bird	Conventional
26	2006	Bluebird	Conventional
27	2009	Thomas	Transit
28	2008	Thomas	Conventional
29	2015	IC BUS	Conventional
30	2010	Thomas	Transit
31	2015	Bluebird	Conventional

ATTACHMENT II: CURRENT PCR-3 SCHOOL BUS FLEET (CONTINUED)

Vehicle #	Model Year	Manufacturer	Body Type
32	2009	Thomas	Conventional
33	2003	Thomas	Conventional
34	2008	Thomas	Conventional
35	2007	Thomas	Conventional
36	2013	IC BUS	Conventional
37	2019	Thomas	Conventional
38	2013	IC BUS	Conventional
39	2008	Thomas	Cutaway
40	2005	Thomas	Conventional
41	2017	IC BUS	Conventional
42	2010	Thomas	Transit
43	2011	Thomas	Conventional
44	2019	Thomas	Conventional

ATTACHMENT III: Vendor Instructions and PROPOSAL SHEET

INSTRUCTIONS TO VENDOR

Invoice(s) for net purchase price should be made to the Platte County R-3 School District, and must be dated on or after July 1, 2020. The district is exempt from sales tax, and a Missouri state tax exemption certificate will be furnished upon request. Destination or freight charges shall be included in this Proposal (FOB Platte City, MO). Payment will be made upon the completion of a satisfactory inspection for specification compliance and final acceptance of devices and software.

Delivery of System and Devices should be made in July and/or August in advance of start of SY 20-21.

Proposals shall be enclosed in an envelope and marked as follows:

"PCR-3 SCHOOL BUS TRANSPORTATION SYSTEMS AND DEVICES PROPOSAL" – lower left hand corner

"NAME OF Vendor" – upper left hand corner

Proposals are to be received on or before Tuesday June 9, 2020 at 10:00am CT, as was noted on cover letter.   Proposals will be virtually opened at this time, via Zoom.

Join Zoom Meeting
https://zoom.us/j/91589823979?pwd=dEcrVk9XajFwdGNvU00wUGpHaEJGQT09

Meeting ID: **915 8982 3979**
Password: **2znT2T**

Any and all exceptions to the Scope of Services, as outlined within Attachment I, must be noted and thoroughly explained in the Proposal. The terms "no structural differences" or "we are equal to your specifications" will not be permitted. It will be the responsibility of the Board of Education or their representatives to determine if a substitution to the specifications is considered "equal to". The Vendor must provide detailed specifications for any exceptions so the Board of Education can make the necessary comparisons to enable a proper decision. Failure to do so may result in rejection of your Proposal for non-compliance. These specifications must be returned with the proposal.

Platte County R-3 School District

PCR-3 SCHOOL BUS TRANSPORTATION SYSTEMS AND DEVICES PROPOSAL

The Platte County School R-3District reserves the right to reject any and all proposals, to waive technical defects, and to select the proposal deemed most advantageous to the District.

The undersigned certifies that he/she has the authority to bind this company in an agreement to supply the service or commodity in accordance with all terms and conditions specified herein. Please type or print the information below. **Respondent is required to complete, sign and return this form with the full proposal.**

_____
Company Name

_____
City/State/Zip

_____
Telephone #   Fax #

_____
E-Mail

_____
Print Name

_____
Signature

_____
Date   Tax ID#

_____
Entity Type