

TRANSIT TECH OHIO (T2O) PROJECT

INCREASE
PRODUCTIVITY



MAXIMIZE
EFFICIENCY



IMPROVE
CUSTOMER
SATISFACTION



ITB VENDOR SELECTION PROCESS

- ITB Development
- ITB Vendor Conference Call
- Vendor On-line Questions
- ITB Response Review
- Vendor Demo Day
- Vendor Evaluation Forms
- Vendor Interview
- Vendor Selection Criteria
- Vendor Evaluations



ITB DEVELOPMENT

- ▶ Statewide Minimum Specifications Steering Committee
 - ▶ Committee Members are rural transit agency employees with scheduling/dispatching knowledge
 - ▶ Minimum Specifications were sent to all rural transit agencies for review and comment
 - ▶ Comments received were discussed with transit agency and addressed within the ITB
 - ▶ Committee Members approved the final Minimum Specifications to include in the ITB
 - ▶ Committee Members were asked to provide additional feedback from Demo Day

ITB VENDOR CONFERENCE CALL & ON-LINE Q&A

- ▶ ITB Vendor Conference Call
 - ▶ Vendors participated in pre-bid conference call.
 - ▶ Vendors were provided the opportunity to submit written questions. Answers were distributed to all Vendors.
- ▶ Vendor On-line Questions & Answers
 - ▶ ODOT received written questions from most of the Vendors that submitted a response to the ITB.
 - ▶ This was the Vendors opportunity to ask for clarification on any item in the ITB that was unclear.

ITB RESPONSE REVIEWS

- ▶ Vendor ITB Responses
 - ▶ Reviewed for required documents
 - ▶ General Terms and Conditions – signed
 - ▶ FTA Certifications and Assurances – signed
 - ▶ Business Requirements Specifications
 - ▶ Reviewed Business Requirements Specifications
 - ▶ Responses were challenging to determine if Vendor could meet the requirement.
 - ▶ Some were vague, others just put an “X” in the box, others answered yes but the explanation didn’t support the answer.

VENDOR DEMO DAY

- ▶ Vendor Demonstrations
 - ▶ Each Vendor was given 20 minutes to present a demonstration of their software.
 - ▶ All transit agencies were provided the opportunity to attend a 15 minute session with each Vendor to ask questions and get a more in-depth look at the Vendors software.
 - ▶ Transit agencies had the opportunity to leave questions for the Q&A session at the end of the day.

VENDOR EVALUATION FORMS

- ▶ Vendor Review Compilation
 - ▶ Vendor Conference Call
 - ▶ On-line Q&A
 - ▶ ITB Response Review
 - ▶ Vendor Demo Day
 - ▶ **ALL SOFTWARE INFORMATION PROVIDED TO US**
- ▶ Vendor Performance Evaluation
 - ▶ Created standardized questions based on project goals
 - ▶ Created standardized auto scheduling/batching test

VENDOR INTERVIEWS

- ▶ Interview Process
 - ▶ Vendor demonstrated basic software capabilities
 - ▶ Book trip
 - ▶ Dispatch trip
 - ▶ Driver receives trip on tablet
 - ▶ During demonstration, verified software met basic ITB Business Requirements (i.e. client name data, client address data, client phone number data, etc.)
 - ▶ Asked technical questions about how the software works
 - ▶ Algorithms, how often the system updates, what type connection, etc.

VENDOR INTERVIEWS, cont'd

- ▶ Standardized Questions
 - ▶ Asked each Vendor the standardized questions
 - ▶ Asked additional follow-up questions
 - ▶ Asked for additional feature demonstrations
- ▶ Standardized Auto Scheduling/Batching Test
 - ▶ Provided test details, address, pick-up & drop-off times
 - ▶ Requested Vendor to auto schedule 3 trips
 - ▶ Some Vendors could not auto schedule at all
 - ▶ Some Vendor scheduled part of the trips and manually forced the remainder.
 - ▶ Other Vendors scheduled all trips

VENDOR SELECTION CRITERIA

- ▶ Scheduling/Dispatching Software Selection Criteria
 - ▶ T2O Projects Goals
 - ▶ To supply capital funds to help align and streamline scheduling and dispatching software and hardware across the State of Ohio's 34 rural transit systems.
 - ▶ This includes GPS, AVL, tablets, and/or MDTs for each driver.
 - ▶ Automated scheduling, purchasing multiple licensing, and/or off-site access capabilities.
 - ▶ Eliminating base to vehicle communication gaps by improving broadband access in specific areas and two-way radio access.

VENDOR SELECTION CRITERIA, cont'd

- ▶ Scheduling/Dispatching Software Selection Criteria, cont;d
 - ▶ ITB Requirements
 - ▶ Business Requirements Specifications
 - ▶ General Terms and Conditions
 - ▶ FTA Certifications and Assurances
 - ▶ On-Site Demonstration (No Power Points)
 - ▶ Customer Support
 - ▶ Reporting
 - ▶ Vehicle Monitoring

VENDOR SELECTION CRITERIA, cont'd

- ▶ Scheduling/Dispatching Software Selection Criteria, cont'd
 - ▶ Business Requirements Specifications
 - ▶ Software Access
 - ▶ Web-Based
 - ▶ Web-Hosted with VPN connection
 - ▶ Computer/Phone Application
 - ▶ Auto Scheduling/Batching

VENDOR EVALUATIONS

- ▶ HB SOFTWARE SOLUTIONS
- ▶ PARAPLAN (ENGRAPH)
- ▶ PC TRANS
- ▶ ROUTEMATCH
- ▶ SYNCROMATICS (MOBILITAT)

- ▶ TRIPSPARK
- ▶ ECOLANE
- ▶ CTS SOFTWARE

TRANSIT AGENCIES NEXT STEPS

- ▶ Evaluate each potential software solution
 - ▶ Request or attend a Vendor demonstration or free trial
 - ▶ Talk to other transit agencies about their demo's
 - ▶ Talk to other transit agencies close by about coordination
- ▶ Request Evaluation Team assistance during Vendor selection process (available throughout process)
- ▶ Complete TIGER VII Blank Scoping Form
 - ▶ Available on ODOT TIGER webpage
 - ▶ Submit by March 31, 2017
 - ▶ Complete Authorizing Resolution
 - ▶ Submit with Scoping Form

Vendors NEXT STEPS

- Provide demonstrations/free trials, etc.
- Begin negotiating statewide pricing on fixed costs
 - Annual Software Maintenance cost
 - Hardware cost and installation
 - License fees
- Identify requirements for shared licensing/software coordination among transit systems
- ODOT will draft contract template
 - Will be customizable for each transit agency

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This Power Point Presentation will be posted on the ODOT TIGER Webpage

<http://www.dot.state.oh.us/Divisions/Planning/Transit/Pages/Tiger-Grant.aspx>

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