COMPLETE TRIP

ITS4US

Webinar #7: Procurement Path - ITS4US Deployment Program

April 23, 2020
USDOT Secretary Chao's Priority: Expanding Access to Transportation

- USDOT is launching a new department-wide initiative to expand access to transportation for people with disabilities, older adults, and individuals of low income. The **Complete Trip Portfolio** will identify ways to provide more efficient, affordable, and accessible transportation for underserved communities.

- Secretary Chao announced her intent to fund 3 new programs as part of the Complete Trip Portfolio to develop and deploy innovations in technology and further interagency partnerships to improve mobility:
  - Complete Trip – ITS4US Deployment Program
  - Inclusive Design Challenge
  - Mobility for All Pilot Program
Complete Trip - ITS4US Deployment Program

- A USDOT Multimodal Deployment Effort, led by ITSJPO and supported by OST, FHWA and FTA

- Built upon previous USDOT research investments, the Complete Trip-ITS4US Deployment Program supports communities in developing innovative integrated technologies and creating public-private partnerships to move towards complete trip deployments

**Vision**

Innovative and integrated complete trip deployments to support seamless travel for all users across all modes, regardless of location, income, or disability
Elina Zlotchenko
Program Manager
ITS Joint Program Office
Today’s Agenda

- Program Overview
- Phase 1 Scope and Objective
- Award Information
- Level of Effort Estimation and Cost Sharing Information
- Phase 1 Activities
- Key Considerations
- Stakeholder Q&A
Program Overview

- Up to $40 million available for communities to demonstrate innovative and integrated complete trip deployments to support seamless travel for all users across all modes, regardless of location, income, or disability.

- The Program aims to solve mobility challenges for all travelers, including:

  - Procure and award multiple large-scale, replicable deployments to address the challenges of planning and executing all segments of a complete trip.
The Complete Trip

- The *Complete Trip Concept*: An individual’s ability to go from origin to destination reliably, spontaneously, confidently, independently, safely, and efficiently without gaps in the travel chain.

Source: USDOT
Program Goals

- Spur high-impact integrated Complete Trip deployments nationwide
- Identify needs and challenges by populations
- Develop and deploy mobility solutions that meet user needs
- Measure impact of integrated deployments
- Identify replicable solutions and disseminate lessons learned
Complete Trip Deployment Concept: Fundamental Elements

- Complete Trip deployments will be real-world environment deployments
  - If successful, deployed technologies are expected to remain as permanent operational elements
  - Successful sites will serve as replicable models for other candidate deployers
- There will be multiple Complete Trip deployments
  - Each site will have different solutions based on their population travel needs
    - Deployments must address their populations’ challenges of planning and executing complete trips
    - The unique needs of each site must drive the deployment process
- Complete Trip deployments are expected to be both large-scale and multi-modal
  - Large-scale implies deployments will have measurable impact, not a specific minimum geographic size
  - Sites will deploy multiple technologies and modes
Deployment Phases

**PHASE 1: Concept Development**
- Concept Development for Complete Trip Deployment
- Establish Cohort Roundtables

**PHASE 2: Design & Test**
- Design, Test and Deploy Complete Trip Solutions
- Evaluation Framework and Planning

**PHASE 3: Operate & Evaluate**
- Demonstrate Multiple Large-Scale Deployments
- Evaluate Deployments
- Share Data & Lessons Learned

**Operations Maintenance**
- Sustain operations for a minimum period of five years after the program is completed with no supplementary federal funds

**Deployment**
- Up to 12 months
- Up to 24 months
- Minimum of 18 months

**Post-Deployment**
- 5 years
Contract Scope and Objective

- **Scope:**
  - Address needs of all travelers irrespective of location, income, or disability
  - BAA is limited to Phase 1 only

- **Objective:**
  - Develop an innovative and integrated deployment concept
  - Build partnerships among stakeholders
  - Prepare a comprehensive deployment plan
Acquisition Strategy

**PHASE 1: Concept Development**
- Concept Development for Complete Trip Deployment
- Establish Cohort Roundtables

*Firm-Fixed Price Contract awarded to a business or jurisdiction (1 year)*

**PHASE 2: Design & Test**
- Design, Test and Deploy Complete Trip Solutions
- Evaluation Framework and Planning

*Cooperative Agreement issued to the jurisdiction (24 Months)*

**PHASE 3: Operate & Evaluate**
- Demonstrate Multiple Large-Scale Deployments
- Evaluate Deployments
- Share Data & Lessons Learned

*Cooperative Agreement issued to the jurisdiction (18 Months)*
2020 Procurement Schedule:
- Pre-Deployment Outreach Webinars (Winter-Spring)
- Draft Solicitation for Deployment Phase 1 Posted (Late Spring)
- Solicitation for Deployment Phase 1 Released (Summer)
- Contract Awards (Fall)
Broad Agency Announcement (BAA)

- USDOT intends to release a BAA to solicit proposals for the Complete Trip - ITS4US Phase 1 work

- Proposed procurement schedule:
  - Draft BAA is planned to be posted on beta.SAM.gov in late Spring 2020 for public comment
    - Interested parties will have an opportunity to submit comments and questions for a period of 2 weeks after posting
    - USDOT will compile input and provide responses via beta.SAM.gov
  - Final BAA is planned to be posted on beta.SAM.gov in Summer 2020
    - Potential offerors will have the opportunity to submit questions for a period of 2 weeks after posting
    - USDOT will compile questions and provide responses via beta.SAM.gov
  - Electronic proposal submittals will be due 45 days from posting of Final BAA

- USDOT intends to award Phase 1 contracts in the Fall 2020
## Award Information for Phase 1

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<tr>
<th>Type of Contract</th>
<th>Firm Fixed Price (FFP) contract (priced deliverables).</th>
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<tr>
<td>Number of Awards</td>
<td>Multiple awards are expected. USDOT anticipates between 2 and 10 awards.</td>
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<td>Eligibility Information</td>
<td>A U.S. based public agency, private company, non-profit organization, or academic institution may lead Phase 1.</td>
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<td>Period of Performance</td>
<td>Up to 12 months.</td>
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Level of Effort Estimation and Cost Sharing

- **Estimated Level of Effort:** Expected to vary depending on the scope of the proposed deployments.
  - $4 million to $12 million Federal share (for a **total** of up to $40 million) over all three phases
  - $1 million to $1.8 million for Phase 1

- **Cost Sharing and Matching:**
  - No matching required for Phase 1
  - 20% match or higher required for Phases 2 and 3
Refine proposed approach

Create a set of documents that:
- Define deployment scope and requirements;
- Describe data, safety and security;
- Identify performance measurement approach;
- Address participant and training management plans;
- Codify partnering arrangements and contracts;
- Describe preliminary complete trip deployment site plan.

Participate in cross-collaboration activities:
- Phase 1 Cohort Activities
- Independent Evaluation

Utilize USDOT provided technical assistance
Key Considerations

Proposals must provide a high-level projected deployment high-level three-phase budget and schedule

Proposals must be Section 508 compliant

Obtain Human Use Approval from an accredited Institutional Review Board (IRB)

Prepare an Institutional and Financial Plan (IFP) that addresses

- Partnership agreements
- Operations and management concept for Phase 3 and 5 years afterwards
- Financial model for a minimum of 5 years after Phase 3 is completed
Key Personnel & Teaming

- **Three Key Personnel**
  - Concept Development Lead (CDL)
  - System Development Lead (SDL)
  - Project Management Lead (PML)

- **Teaming Requirement**
  - Phase 1 team must include public sector organization capable of leading Phases 2 and 3.
Next Steps

- Pre-Deployment Outreach Webinars (Winter-Spring 2020) - completed
  - All webinars were recorded. Recordings and slide decks are posted on the program website: [https://its.dot.gov/its4us/](https://its.dot.gov/its4us/)

- Draft BAA for Phase 1 posted (Late Spring 2020)

- Final BAA Phase 1 posted (Summer 2020)

- Phase 1 Contract Awards (Fall 2020)
Stakeholder Q&A

For more information please contact:

Elina Zlotchenko
Program Manager, ITS JPO
Elina.Zlotchenko@dot.gov

Amalia Rodezno
Contract Specialist, FHWA - Office of Contracting Operations
amalia.rodezno@dot.gov

Visit the Complete Trip - ITS4US Deployment Program Website and FAQs:

https://its.dot.gov/its4us/
https://www.its.dot.gov/its4us/its4us_faq.htm