MDOT ~
Innovative Contracting

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Agenda

• Where to find information
• How are projects selected
• How are risks managed during development
• Common Innovative Contracts
• Future Innovative Contracts
• Q&A
Finding Project Information

Innovative Contracting
- Contact Us

Potential Innovative Contracting Projects
- [Innovative Contracting Project List FY 2016-2020 (6/15/15)]

2016 Innovative Contracting Projects
- Job Order Contracting
- Alternate Technical Concepts
- International Bridge Bearing and Rocker Arm Replacement (CMGC)

2015 Innovative Contracting Projects
- I-75 Modernization Project - Segment 1 (DB)
- MDOT Pump Stations - Public Private Partnership
- I-275/I-96 Road and Bridge Rehabilitation (CMGC)
- Railroad Track Rehabilitation Project (CMGC)
- Environmental Sensor Stations in the Superior Region (DB)

2014 Innovative Contracting Projects
- US-10BR, Midland - Reconstruction/Rehabilitation (DB)
- M-96 (I-94 BL, Michigan Avenue) HMA Overlay (DB)
- US-41/M-26 over Portage Lake
- Freeway Courtesy Patrol Sponsorship
- I-75 under US-10 Bridge Replacement (DB)
- University Drive over I-75 Interchange Reconstruction (DB)
- Metro Region Freeway Lighting - Public-Private Partnership (P3)
- US-131 over Muskegon River
- Belle Isle Roadway Repair Project: Contract Manager
- I-75 Alternative Technical Concepts and Alternative Pavement Bidding
Finding Project Information

I-75 Modernization Project - Segment 1 (DB)
Agency: Transportation

I-75 Modernization Project Segment 1 - Short List of Teams
Updated Schedule
I-75 Modernization Segment 1 - Project Information Sheet
I-75 Modernization Segment 1 - Project Information Sheet - Revision 1
I-75 Modernization Segment 1 - Project Information Sheet - Revision 2
I-75 Modernization Project (Segment 1) - Request for Qualifications
I-75 Modernization Project - Segment 1 Q&A #1
I-75 Modernization Segment One RFQ - Addendum #1
I-75 Modernization Segment One RFQ - Addendum #2
I-75 Modernization Project - Segment 1 Q&A #2
I-75 Modernization Project - Segment 1 Q&A #3

Related Content
- MDOT Pump Stations - Public Private Partnership
- I-275/I-96 Road and Bridge Rehabilitation (CMGC)
- Railroad Track Rehabilitation Project (CMGC)
- Environmental Sensor Stations in the Superior Region (DB)
Finding Project Information

Design Build RFP’s, ATC and FPVS Projects Typically Advertised On Traditional Bidding Site

Location of Special & RFQ Announcements
Project Selection

- Call For Projects
- Innovative Contracting Committee
  - MDOT staff and FHWA
- Engineering Operations Committee
- Director’s Approval (CMGC)
- SEP-14
- MITA/ACEC Notification
- Development of Contract Documents
**Risks & Allocation**

- Project Risks must be identified and allocated to specific parties in the contract
  - Identify the probability of each risk
  - Identify the cost associated with each risk
  - Identify who is responsible for each risk in the contract language
Design-Build

- Types of Projects
  - Road and Bridge Reconstruction
  - ITS Systems
  - Bike Path Construction
  - Quick Procurement needed (ARRA, Court Ordered)
  - Emergency Response
CMGC

Recommended for following conditions:

- High levels of project risk needs to be mitigated
- Traditional means and methods may not apply
- Projects that are technically complex
- Input is needed on constructability, means & methods, and non-standard costs
- Have challenging schedules
- A high level of construction staging/phasing may be appropriate
- Significant Public Involvement
FPVS

• More infrastructure needs than the available budget
• Goal: To maximize the amount of work that can be completed within the budgeted funds
• We have three different types of FPVS contracting methods
  • Type 1 – Maximum Amount of Work
  • Type 2 – Maximum Amount of Work, with Price
  • Type 3 – Traditional Bid, Managed Budget
ATC’s

• Alternate Technical Concepts (ATC’s)
  • A means to incorporate a Bidders concepts and innovations that provide equal or greater value into the bidding process.
  • Currently only being used for Maintenance of Traffic
  • Longer Advertisement – to develop, submit and receive approved ATC’s
Other Areas of Interest

• Alternate Pavement Bidding (APB)
• Job Order Contracting
• Public-Private Partnerships
Questions?

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