



GREEN LINE EXTENSION PROJECT



massDOT
Massachusetts Department of Transportation



March 13, 2017
MBTA Fiscal & Management Control Board

GLX Program Update

- Schedule Update
- Design Build Delivery Overview
- Request for Proposal
- GLX Affordability Limit
- FTA

Project Schedule Highlights

-DRAFT-

- | | | |
|-----|---|---------------------------|
| 1. | Federal Transit Administration (FTA) Risk Refresh | 1/25/17 -1/26/17 (Actual) |
| 2. | Receive Statement of Qualifications for Design Build (DB) | 1/26/17 (Actual) |
| 3. | Issue Shortlist for DB Teams | 2/17/17 (Actual) |
| 4. | Issue Request for Proposals for DB Shortlist | 3/14/17 |
| 5. | Hold One-on-Ones | 3/28/17 – 4/20/17 |
| 6. | Alternative Technical Concept (ATC) Process | 6/8/17 – 8/9/17 |
| 7. | Design Build Proposals Due | 9/28/17 |
| 8. | Bid Opening/Select Design Build Entity | 11/28/17 |
| 9. | Notice to Proceed to Design Build Entity | 2/9/18 |
| 10. | Project Completion | 12/10/21 |



Design Build (DB) Overview

- Award based upon Best Value analysis (price and technical qualification)
- Concept Design completed by MBTA (included in RFP)
- Final Design developed by Design-Build Entity
 - Mitigates constructability risks
 - Invites innovation
 - Maximizes benefits of performance specifications (design flexibility)
- Schedule efficiencies
 - Construction commences on early work packages while overall project design development is completed

GLX DB Request for Proposals

- To be issued to shortlisted GLX DB Teams (3 qualified teams)
- DRAFT RFP includes
 - Base scope (7 stations, Vehicle Maintenance Facility, track, power delivery, train control, etc.)
 - Additive Options
 - Define Not-to-Exceed Price (“Affordability Limit”)
 - \$1,319,900,000
 - Includes base scope, allowances, owner’s contingency, additive options (if achievable within Affordability Limit)

GLX Program Budget

GLX COST CENTERS

A	Affordability Limit	\$1,319.9 M
B	* Previous Construction	\$203.9 M
C	* Vehicles	\$182.7 M
D	* Real Estate	\$112.5 M
E	* Professional Services	\$414.9 M
F	Unallocated Program Contingency	\$54.9 M
G	Total GLX Budget Estimate	\$2,288.8 M

** As provided in the May 9, 2016 Board Presentation*

FTA Update

- FTA GLX Risk Refresh completed 26 January
- FTA preparing to issue post-Risk Refresh report
- Report to provide FTA opinions of projected GLX costs and schedule compliance
- GLX DB DRAFT RFP issuance is not contingent upon receipt of FTA report



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