

GREEN LINE EXTENSION PROJECT

PURPOSE OF BOARD REQUEST

To request that the FMCB authorize the MBTA General Manager to:

- Assign four (4) professional service tasks to assist in overseeing the remainder of GLX construction activities for Phase 1, IGMP-01, IGMP-02, IGMP-03, and IGMP-04A

The total cost of services associated with this request is \$8,124,000.00. This cost assumes that the MBTA completes the full scope of the existing IGMP construction contracts.

NOTE - The MBTA is currently anticipating the deletion of substantial remaining scope from the IGMP contracts. This could result in up to a \$26.3M reduction in the total construction cost for IGMPs 1-4A. This reduction would result in a significantly lower cost for the requested professional services.



PROFESSIONAL SERVICE TASKS

- Program Management/Construction Management services provided by HDR/Gilbane ended on February 26, 2016 pursuant to the termination of Professional Service Contract E22PS02.
- As of February 29, 2016, MBTA personnel have assumed Resident Engineering and Inspection responsibilities for all existing GLX construction contracts.
- For all construction management tasks not being assumed by MBTA personnel, the MBTA is seeking to assign new Professional Service Tasks to the following firms currently holding General Engineering Services (GEC) contracts:

FIRM	SCOPE OF WORK	NOT-TO-EXCEED VALUE OF NEW TASK
Kennedy/Jenks Consultants	Claims and Changes, Survey, Environmental Management and Compliance	\$4,770,000
City Point Partners	Force Account/Payment Management, Public Outreach	\$2,034,000
PMA Consultants	Project Controls, Cash Flow/Budget Analysis	\$1,320,000



RECOMMENDATION

It is recommended that the FMCB authorize the MBTA General Manager to enter into four (4) task order agreements with Professional Service firms in a not to exceed aggregate amount of \$8,124,000

As a comparison: The \$940k/month cost for comparable services w/HDR/Gilbane will be reduced to \$694k/month. This includes \$259k/month of in-house MBTA Resident Engineering and Inspection services.



Appendices



massDOT
Massachusetts Department of Transportation



PROFESSIONAL SERVICE TASKS

FIRM	EXISTING GEC CONTRACT NO.	NOT-TO-EXCEED VALUE OF NEW TASK
Kennedy/Jenks Consultants	Z92PS71	\$2,262,000
Kennedy/Jenks Consultants	U90PS10	\$2,508,000
City Point Partners	Z92PS62	\$2,034,000
PMA Consultants	Z92PS84	\$1,320,000

Kennedy/Jenks Consultants – Scope of Work

- Claims and Changes
 - Negotiate and issue change orders and claims
 - Analyze contractor claims for extra work and time extensions
 - Prepare responses to contractor requests for extra compensation
 - Provide documentation to initiate extra work
 - Develop and coordinate Independent Cost Estimates
- Survey Services
 - Provide baseline surveys and layouts of survey points
 - Prepare as-builts for third party utilities being installed as part of work orders
 - Close-out and turnover all baseline survey drawings and utility as-builts

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Kennedy/Jenks Consultants – Scope of Work

- **Environmental Management and Compliance**
 - Provide Licensed Site Professional services in support of construction operations in accordance with the Massachusetts Contingency Plan (MCP) sites within the limits of the GLX project
 - Consult on drainage issues
 - Provide environmental construction oversight of soils, groundwater, and waste management
 - Provide lead environmental consultant responsibilities for matters relating to the 50 Tufts Street contamination
 - Provide general support to MBTA Project Managers, Resident Engineers and Inspectors

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City Point Partners – Scope of Work

- Force Account Management
 - Administer allowance invoicing
 - Prepare Project Initiation (PI) agreements
 - Administer the payment process of force accounts held by the MBTA
- Public Outreach Management
 - Coordinate construction activities with municipalities and abutters
 - Respond to phone and email inquiries/complaints

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PMA Consultants – Scope of Work

- **Project Controls**
 - Track and report GLX expenditures against the FTA Standard Cost Categories
 - Review monthly schedule updates from contractor
 - Review time impact analyses
- **Cash Flow/Budget Analysis**
 - Review and track overall budgets for each existing construction contract
 - Prepare projected cash flows and variance metrics
 - Coordinate with MBTA and MassDOT