**PURPOSE**:

The purpose of this staff summary is to request the General Manager and Rail & Transit Administrator to execute amendment no. XX to MBTA contract no. XXXXXXX entitled, “Contract Name” with Acme Corporation for additional design engineering services for an estimated sum not to exceed $X,XXX,XX.XX and to extend the contract to December 31, 2014. An extra work order letter (EWOL) directing the contractor to begin work was issued on June 27, 2013, by the General Manager and Rail & Transit Administrator.

**TOTAL PROJECT BUDGET**:

This contract is for the design of the Arborway Garage Complex that has a total project budget of $XX,XXX,XXX.XX which includes the following:

Design $XX,XXX,XXX.XX

Construction $XX,XXX,XXX.XX

Force Account $ XXX,XXX.XX

Unallocated Contingency $ XXX,XXX.XX

Project Administration/Inspection $ X,XXX,XXX.XX

 **Total** $XX,XXX,XXX.XX

**DISCUSSION**:

The Board of Directors awarded this contract on June 14, 1991 in the amount of $XX,XXX.XX. A notice to proceed (NTP) was issued on June 27, 1991. There are twenty-six (26) amendments to this contract authorized or pending to date and the estimated ceiling price, including this amendment is $XX,XXX,XXX.XX.

An EWOL, for a sum not to exceed $ X,XXX,XXX.XX dated June 27, 2013, was issued by the General Manager and Rail & Transit Administrator.

MBTA contract no. XXXXXXX, with Acme Corporation provides design engineering services for the permanent Arborway Bus Storage & Repair Facility to support the MBTA CNG and diesel fueled buses at the Arborway Yard. The new facility will garage, fuel and service one hundred and eighteen (118) CNG and diesel fueled buses. It will also include the anticipated demolition of the 500 Arborway building.

Amendment no. XX will provide additional Design Engineering Services for Phase II (15-30%) Preliminary Design, Phase III – (30-60%) Design, Phase IV - (60-100%) Final Design Engineering Services necessary to complete the Arborway Garage Complex. The phased engineering work will include:

The DBE goal on this contract is 16%. This amendment has a DBE participation of $281,177.80 (24.7%) as follows: Road Runner Services ($164,219.57) and Elmer Fudd Enterprises ($116,958.230). The contract value to date including this amendment is $14,569,690.93. The DBE commitment to date including this amendment is $2,106,859.80 (14.5%) as follows:

**Subcontractor**  **Work Type** **DBE Amount**

Elmer Fudd Enterprises, Inc. Estimating & Scheduling $117,008.00

Beep Beep Engineering, Inc. Fire Protection $249,356.42

Road Runner Services, Inc. Civil Eng./Survey $930,751.00

Sam Sheepdog Engineering, Inc. Structural $26,445.58

Looney Toons Landscape Landscape $296,561.00

Merrie Melodies Design Collaborative Landscape $197,000.00

Gizmos Environmental, Inc. Environmental $8,560.00

 **Total**  **$1,825,682.00**

The DBE participation paid through last as of payment no. 180 is 14.3% with the breakdown as follows:

**Subcontractor**  **Work Type** **DBE Amount**

Beep Beep Engineering, Inc. Fire Protection $229,440.42

Tiny Toons Engineering Engineering $168,051.35

Road Runner Services, Inc. Civil Eng./Survey $846,913.47

Sam Sheepdog Engineering, Inc. Structural $26,445.58

Looney Toons Landscape Landscape $271,989.41

Merrie Melodies Design Collaborative Landscape $194,391.06

Elmer Fudd Enterprises, Inc. Estimating & Scheduling $112,287.87

Gizmos Environmental, Inc. Environmental $8,026.76

 **Total $1,857,545.92**

**SUSTAINABILITY**:

(PM shall work with MBTA Environmental Compliance Department for sustainability language) The scope of the project does not provide typical opportunities to implement sustainable design elements since, as a bridge reconstruction project, it does not involve new electrical lighting, designs for water consumption, HVAC systems which would have opportunities for reducing resource consumption. The project does, however, require the contractor to conform to best management practices during construction in regard to stormwater management, natural resource protection, dust and noise control, worker protection for the removal of lead, asbestos or other hazardous materials that might be present on the existing structure and need to be removed.  These practices are designed to reduce construction related impacts and are requirements for all MBTA construction projects.

**FINANCIAL IMPACT**:

Funds for this action are temporarily available through MBTA Revenue Bond Grant No. XXXXXX. The project anticipates FTA funding 80% of this effort with 20% MBTA Revenue Bond Fund match.

**ALTERNATIVE**:

This amendment can be denied and the additional design engineering services necessary for the demolition of the existing 500 Arborway facility along with the adjacent City of Boston pole yard and parking lots would not be authorized resulting in a site that is not suitable for the new Arborway bus storage and repair facility.

**RECOMMENDATIONS**:

This amendment has been reviewed by the project staff and found to be necessary to complete the design engineering services for the construction of the Arborway Garage Complex. Therefore, it is recommended that the General Manager and Rail & Transit Administrator approve and execute this amendment no. X to MBTA Contract No. XXXXXXX for an estimated sum not to exceed $X,XXX,XXX.00 and to extend the contract to December 31, 2014.

**ENCLOSURES: FOR BOARD**

**TAB A – BOARD VOTE,** then follow the Tabs (below) that pertain to the type of staff summary.

**ENCLOSURES**: (FOR PROFESSIONAL SERVICE (BASE) CONTRACT)

TAB A – Selection Committee Documentation

TAB B – PS Consultant Information

TAB C – Additional Information

**ENCLOSURES**: (FOR PROFESSIONAL SERVICE (AMENDMENT) CONTRACT)

TAB A – CMS-PS-020

TAB B – Consultant Proposal

TAB C – Additional Information

**ENCLOSURES**: (FOR CONSTRUCTION (AWARD) CONTRACT)

TAB A – Pre-Award Documentation (Request this info from CA)

TAB B – Bid Form

TAB C – Recommendation Relative to Award

**ENCLOSURES**: (FOR CONSTRUCTION (CHANGE ORDER) CONTRACT)

TAB A – CMS-CN-012

TAB B – Contractor Proposal for Prime & Subs

TAB C – Additional Information

**COORDINATION**:

S. McCarthy, Chief Operating Officer - Concur/3150

S. Neal-Johnson, Acting Chief of Diversity and Civil Rights Officer/ (857) 368-8893

P. Scott Reed, General Counsel – Concur/ (857) 368-8775

**RECOMMEND APPROVAL**: **RECOMMEND APPROVAL**:

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Wyle E. Coyote Name

Project Manager Director

**RECOMMEND APPROVAL**: **RECOMMEND APPROVAL**:

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Edmond F. Hunter Jonathan R. Davis

Assistant General Manager for Deputy General Manager &

Design and Construction Chief Financial Officer

 **APPROVED:**

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 Beverly A. Scott, Ph.D.

 General Manager and

 Rail & Transit Administrator