CONFORMED SET

SPECIFICATIONS FOR THE CITY OF CAMBRIDGE, MASSACHUSETTS

ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION (CONTRACT 13) PROJECT

CWSRF NUMBER: CWSRF-3133

THE WORKS CAMBRIDGE DEPARTMENT OF PUBLIC

In the City of Cambridge, Massachusetts

JANUARY 15, 2010

Prepared By:

S E A Consultants Inc and
MWH Americas, Inc.

COMMONWEALTH OF MASSACHUSETTS
VINCENT W. SPADA
SANITARY
No. 31436
REGISTERED PROFESSIONAL ENGINEER

1/14/10

TABLE OF CONTENTS

DIVISION 0 - BIDDING AND CONTRACT REQUIREMENTS

00020	Invitation to Bid
00100	Information for and Instructions to Bidders
00210	Cambridge Employment Plan
00211	Cambridge Responsible Employer Plan
00213	Supplemental Equal Employment Opportunity (EEO) and Anti - Discrimination and Affirmative Action Program (AAP)
00215	Living Wage Ordinance
00216	Living Wage Ordinance Fact Sheet
00220*	**Americans with Disabilities Act**
00221	CORI City Policy
00222	City CORI Ordinance
00300*	**Form for General Bid**
00310*	**Bid Bond**
00311*	**MBE Forms (City of Cambridge)**
00312*	**Statement of Bidder's Qualifications**
00313*	**General Contractor's Certification**
00314*	**Subcontractor's Certification**
00315*	**Projected Workforce Certification**
00316*	**CREP General Contractor Certification Form**
00317	CREP General Contractor Certification – Weekly Form
00320*	**CREP Subcontractor Certification Form**
00321	CREP Subcontractor Certification – Weekly Form
00322*	**CORI Compliance Form**
00323*	**OSHA General Contractor Certification Form**
00324*	**OSHA Subcontractor Certification Form**
00325*	**Massachusetts Diesel Retrofit Program Statement of Intent to Comply**
00500	Agreement
00550	Notice of Award
00560	Notice to Proceed
00610	Performance Bond
00620	Payment Bond
00630	Certificate of Authority
00670	Division of Labor and Wage Rates
00680	Division of Labor and Statement of Compliance
00800	General Terms and Conditions (GC)
00825	Supplemental General Conditions (SGC)

(*THESE FORMS MUST BE SUBMITTED WITH THE BID)

DIVISION 0 - BIDDING AND CONTRACT REQUIREMENTS (CONTINUE)

00825	Attachment I – The Commonwealth of Massachusetts Modified Supplemental Equal Employment Opportunity Ant-Discrimination and Affirmative Action Program -
00825	Attachment II– The Commonwealth of Massachusetts Supplemental Equal Employment Opportunity Ant-Discrimination and Affirmative Action Program – Contract Compliance Procedure
00825	Attachment III– Massachusetts General Laws (MGL)
00825A	Special Conditions
	Attachment I - City of Cambridge - Tree Protection During Construction
	Attachment II –MGL Chapter 82 – Section 40
	Attachment III – Ordinance Number 1329 (Dumpster Licenses)
	Attachment IV – Chapter 8.61 Asbestos Protection

DIVISION 1 - GENERAL REQUIREMENTS

01010	Summary of Work
01025	Measurement and Payment
01040	Project Coordination and Meetings
01045	Cutting and Patching
01060	Permits and Regulatory Requirements
01070	Abbreviations
01090	Reference Standards
01105	Rodent Control
01108	Health and Safety Procedures
01200	General Requirements for Utility Work
01300	Submittals
01301	Schedule of Values
01311	Scheduling and Reporting
01380	Construction Photographs
01390	Pre-Construction Survey
01400	Quality Control
01500	Temporary Facilities and Controls
01505	Mobilization
01560	Temporary Environmental Controls
01568	Erosion Control, Sedimentation, and Containment of Construction Materials
01570	Maintenance and Protection of Traffic
01600	Products, Materials and Equipment
01630	Restoration of Grounds and Cleaning Up
01701	Project Closeout
01740	Warranties and Bonds

DIVISION 2 – SITE WORK

02010	Subsurface Investigation
02051	Demolition, Modification, Abandonment
02080	Soil and Waste Management
02082	Asbestos Removal and Related Work
02095	Transportation and Disposal of Soil and Fill
02100	Site Preparation and Tree Pruning
02140	Dewatering
02160	Temporary Excavation Support Systems
02210	Earth Excavation, Backfill, Fill and Grading
02252	Manholes
02500	Paving and Surfacing
02524	Curbs, Walks, Driveways, and Corners
02577	Pavement Markings
02590	Brick Masonry
02604	Catch Basins
02609	Reinforced Concrete Pipe
02615	Ductile Iron Pipe for Sanitary and Storm Drain Gravity
02616	Epoxy Lined Ductile Iron Pipe for Sanitary and Storm Drain Gravity
02622	Polyvinyl Chloride Pipe
02630	Ductile Iron Pipe and Fittings
02640	Valves and Appurtenances
02645	Hydrants
02647	Connecting to Existing Water Mains
02660	Water Services
02675	Disinfection of Water Mains
02704	Pipeline Pressure and Leakage Testing
02710	Removal of Protruding Sewer Laterals
02712	Illicit Connections Survey
02725	Pipe Bursting
02750	Root Intrusion Removal
02760	Pipeline Cleaning and Internal Inspection
02761	Flow Bypass
02767	Cured-In-Place Pipelining and Sectional Lining
02890	Street Lighting
02900	Landscaping
02910	Tree Planting

DIVISION 3 - CONCRETE

03300	Concrete
03315	Grout
03411	Precast Concrete Vaults and Structures

DIVISION 5 - METALS
05500 Miscellaneous Metals

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

07160 Dampproofing

APPENDIX

Appendix A Oil and Hazardous Materials Findings and Soil Management Recommendations
Appendix B Summary of Analytical Data and Boring Logs
Appendix C Tree Assessment Report
Appendix D CCTV Logs
Appendix E Buildings Investigation Data
Appendix F Order of Conditions