



City of Cambridge

Purchasing Department

Cynthia H. Griffin
Purchasing Agent

TO: ALL BIDDERS
FROM: CITY OF CAMBRIDGE
DATE: APRIL 23, 2012
**RE: File No. 5784 – GLACKEN SLOPE RESTORATION PHASE 4 PROJECT
ADDENDUM NO. 1**

This addendum contains modifications to specifications, answers to questions and revised bid form (green).

MODIFICATIONS TO SPECIFICATIONS

The following revisions to Contract Specifications is based on verbal questions asked by Bidders who attended the Pre-Bid conference walk on 17 April 2012

A. SECTION 00300 – FORM FOR GENERAL BID, Bid Item 2955.1 – Landscape Management
DELETE UNITS: “Lump Sum”.
REPLACE UNITS WITH: “Each”

B. SECTION 02955 – LANDSCAPE MANAGEMENT, PART 4 - COMPENSATION

Item 2955.1 Landscape Management

DELETE:

METHOD OF MEASUREMENT:

Measurement for payment for landscape management shall be lump sum, paid in completion-based installments, based on completion during the three (3)-year guarantee period of Landscape Management items, including invasive species removal, management and monitoring, as documented and accepted at the end of the three year guarantee period.

REPLACE WITH:

METHOD OF MEASUREMENT:

Measurement for payment for landscape management shall be per unit price day rate. Day rate shall be calculated based on the following: three (3) man work crew, 8 hour workday (not including travel time), equipment, hauling, and disposal off-site. This price shall also include all incidentals to complete invasive species removal, management and monitoring, including the cost associated with the development and approval by Owner of the invasive management plan. It is anticipated that this work will include seven (7) days per year during the three (3)-year guarantee period of Landscape Management (21 days total).

Questions Received

1. Could you please forward the results from phase 3 Glacken Slope Restoration?

Results are attached.



2. Is the labor rate for construction to be the one listed on pg 58 for \$38.90 or the one on pg 23 for \$51.35?

The total rate of \$38.90 does not include pension and the total rate of \$51.35 includes pension.

All other details remain the same.


CYNTHIA H. GRIFFIN
PURCHASING AGENT

ADDENDUM NO. 1

Item Number	Unit	Description	Estimated Quantity	Price	Amount
1505.1	LS	Mobilization	1	50,900 ⁰⁰	50,900 ⁰⁰
1568.1	SY	Straw Mulching	9425	1 ²⁰	11,310 ⁰⁰
1568.2	LF	Straw Wattle	460	6 ⁵⁰	2,990 ⁰⁰
2100.1	LS	Remove & Dispose Water Bars	1	2,200 ⁰⁰	2,200 ⁰⁰
2100.2	SY	Strip & Dispose Sod	150	12 ⁰⁰	1,800 ⁰⁰
2100.3	SY	Clear and Grub at Black's Nook	930	4 ⁵⁰	4,185 ⁰⁰
2120.1	CY	Common Fill	30	200 ⁰⁰	6,000 ⁰⁰
2120.2	SY	Restore Compacted Soils	450	2 ⁰⁰	900 ⁰⁰
2120.3	SY	Synthetic Rubber Liner	145	28 ⁰⁰	4,060 ⁰⁰
2550.1	LF	Coir Logs for Slope Interruption	2000	16 ⁰⁰	32,000 ⁰⁰
2550.2	LF	Coir Logs for Gully Treatment	300	25 ⁰⁰	7,500 ⁰⁰
2550.3	SY	Coir Mesh Rolled Erosion Control Blanket	2025	5 ⁵⁰	11,137 ⁵⁰
2550.4	LS	Place Stockpiled Logs	1	2,300 ⁰⁰	2,300 ⁰⁰
2950.1	CY	Wetland Planting Soil	24	60 ⁰⁰	1,440 ⁰⁰
2950.2	SY	Amend Existing Soil at Black's Nook	520	8 ⁰⁰	4,160 ⁰⁰
2950.3	SY	Amend Existing Soil at Glacken Slope	2025	17 ⁰⁰	34,425 ⁰⁰
2950.4	EA	Collect and Place Basking Logs at Black's Nook	10	75 ⁰⁰	750 ⁰⁰
2952.1	SY	Annual Rye Seed at Glacken Slope - Temporary Matrix	2025	1 ²⁰	2,430 ⁰⁰
2952.2	SY	Wet Meadow Seeding at Black's Nook	1650	2 ²⁰	3,630 ⁰⁰
2952.3	SY	Upland Woodland Seeding at Black's Nook	5750	2 ⁰⁰	11,500 ⁰⁰
2952.4	SY	Steep Slope Woodland Seeding at Glacken Slope	2025	3 ⁸⁰	7,695 ⁰⁰
2954.1	EA	Deciduous Tree (3" cal., B&B)	11	800 ⁰⁰	8,800 ⁰⁰
2954.2	EA	Deciduous Tree (2-2.5" cal., B&B)	28	380 ⁰⁰	10,640 ⁰⁰
2954.3	EA	Deciduous Tree (1.5" cal., B&B)	31	120 ⁰⁰	3,720 ⁰⁰
2954.4	EA	Deciduous and Understory Tree (6'-8' ht., B&B)	74	140 ⁰⁰	10,360 ⁰⁰
2954.5	EA	Deciduous and Understory Tree (5' ht., B&B)	55	110 ⁰⁰	6,050 ⁰⁰
2954.6	EA	Deciduous and Understory Tree (3'-4' ht., Cont.)	63	30 ⁰⁰	1,890 ⁰⁰
2954.7	EA	Tubeling	50	7 ⁰⁰	350 ⁰⁰
2954.8	EA	Evergreen Tree (6' ht., Cont.)	19	400 ⁰⁰	7,600 ⁰⁰
2954.9	EA	Evergreen Tree (4-5' ht., B&B)	44	35 ⁰⁰	1,540 ⁰⁰
2954.10	EA	Understory Shrub (4'-5' ht., B&B)	334	80 ⁰⁰	26,720 ⁰⁰
2954.11	EA	Understory Shrub (4'-5' ht., Cont.)	70	110 ⁰⁰	7,700 ⁰⁰
2954.12	EA	Understory Shrub (3' ht., Cont.)	629	37 ⁰⁰	23,273 ⁰⁰
2954.13	EA	Understory Shrub (24" ht., Cont.)	546	30 ⁰⁰	16,380 ⁰⁰
2954.14	EA	Understory Shrub (9"-12" ht., Cont.)	315	25 ⁰⁰	7,875 ⁰⁰
2954.15	EA	Herbaceous Upland Planting (plug)	1900	4 ⁸⁰	9,120 ⁰⁰
2954.16	EA	Tree Staking System	10	120 ⁰⁰	1,200 ⁰⁰
2955.1	EA	Herbaceous Wetland 2" Plug	3365	3 ⁰⁰	10,095 ⁰⁰
2955.2	EA	Herbaceous Planting (1 Gallon. Cont)	1595	15 ⁰⁰	23,925 ⁰⁰
2955.3	EA	Aquatic Planting, Rhizomes and Tubers	700	3 ⁰⁰	2,100 ⁰⁰
2955.4	LF	Waterfowl Deterrent Fence	180	14 ⁰⁰	2,520 ⁰⁰
TOTAL AMOUNT					385,170⁵⁰

FORMS FOR GENERAL BID

To the Awarding Authority: CITY OF CAMBRIDGE, MASSACHUSETTS

A. The undersigned proposes to furnish all labor and materials required for

GLACKEN SLOPE RESTORATION PHASE 4
FRESH POND RESERVATION
CAMBRIDGE, MA

in accordance with the accompanying plans and specifications including all Labor and Materials, for the contract price specified below, subject to additions and deductions according to the terms of the specifications.

Bidding procedures shall be in accordance with M.G.L. c. 30, §39M (a) and (c), as most recently amended, and all other applicable laws.

The bidder may utilize subcontractors' qualifications for responding to the quality requirements. However, the bidder is specifically advised that any person, firm or other party to whom it proposes to award a subcontract under the terms of this contract must be acceptable to the owner and to the Commonwealth of Massachusetts. The Bidder must identify the Site/Earthwork Contractor (if different) and Landscape Subcontractor (if different) as part of the bid submission, and present evidence that the Landscape Subcontractor can fulfill the requirements stipulated below.

B. QUALITY REQUIREMENTS

The City of Cambridge will reject any bid that does not meet the Quality Requirements. A "no" response or a failure to respond to any of the following Quality Requirements will result in a rejection of your bid. **Contractor should be aware that slopes are at or exceed 1:1 in portions of the project, and the landscape maintenance period is three (3) years.**

- | | | |
|---|-----|----|
| 1. The Bidder and/or its subcontractor has experience on at least three (3) public projects in the past three (3) years of similar size and complexity, with a similar number of subcontractors. | YES | NO |
| 2. The Bidder and/or its subcontractor shall have successful experience on at least three (3) successful bioengineering projects including demonstrating proficiency in practicing effective erosion and sediment control, and installing native plantings. | YES | NO |
| 3. The Bidder and/or its subcontractor has successful experience on steep slope stabilization projects using bioengineering techniques. | YES | NO |
| 4. The Bidder and/or its subcontractor has successful experience with invasive species control using manual removal techniques.. | YES | NO |
| 5. The Bidder and/or its subcontractor has worked under contract with the Commonwealth of Massachusetts or with a municipality within the past five (5) years. | YES | NO |

Bidder's Name _____
Glacken Slope Restoration
Phase 4

C. This bid includes addenda numbered _____

D. The proposed contract price is _____ DOLLARS

(\$ _____)

E. The subdivision of the proposed contract price is as follows: **(All quantities are approximate)**

Bidder's Name _____
Glacken Slope Restoration
Phase 4

FORM FOR GENERAL BID - REVISED
00300-2

BID ITEMS

Item #	Spec. Section Ref.	Estimated Quantity	Units	Description of the Work and Unit Price Bid Written in Words and Numbers	Amount
1505.1	01505	1	Lump Sum	Mobilization (Maximum 5% of Contract Value) (\$ _____) Per Lump Sum _____ Dollars	\$ _____
1568.1	01568	5180	Square Yard	Straw Mulch (\$ _____) Per Square Yard _____ Dollars	\$ _____
1568.2	01568	50	Linear Feet	Straw Wattle (\$ _____) Per Linear Feet _____ Dollars	\$ _____
1568.3	01568	350	Linear Feet	Compost Filter Sock (\$ _____) Per Linear Feet _____ Dollars	\$ _____
2100.1	02100	1	Lump Sum	Remove & Dispose Trash and Debris (\$ _____) Per Lump Sum _____ Dollars	\$ _____
2100.2	02100	50	Linear Feet	Repair Site Perimeter Fence (\$ _____) Per Linear Feet _____ Dollars	\$ _____

Bidder's Name _____
 Glacken Slope Restoration
 Phase 4

Item #	Spec. Section Ref.	Estimated Quantity	Units	Description of the Work and Unit Price Bid Written in Words and Numbers	Amount
2120.1	02120	20	Cubic Yard	Common Fill (\$ _____) Per Cubic Yard	\$ _____
2550.1	02550	2435	Linear Feet	9" Coir Logs for Slope Interruption (\$ _____) Per Linear Feet	\$ _____
2550.2	02550	60	Linear Feet	12" Coir Logs for Gully Treatment (\$ _____) Per Linear Feet	\$ _____
2550.3	02550	2950	Square Yard	Coir Mesh Rolled Erosion Control Blanket (\$ _____) Per Square Yard	\$ _____
2950.1	02950	5080	Square Yard	Surface Treatment 1 (\$ _____) Per Square Yard	\$ _____

Bidder's Name _____
 Glacken Slope Restoration
 Phase 4

Item #	Spec. Section Ref.	Estimated Quantity	Units	Description of the Work and Unit Price Bid Written in Words and Numbers	Amount
2950.2	02950	100	Square Yard	Surface Treatment 2 (\$ _____) Per Square Yard _____ Dollars	\$ _____
2950.3	02950	20	Cubic Yard	Planting Soil (\$ _____) Per Cubic Yard _____ Dollars	\$ _____
2952.1	02952	30	Pounds	Cover Crop Seeding – Temporary Matrix (\$ _____) Per Pound _____ Dollars	\$ _____
2952.2	02952	30	Pounds	Steep Slope Woodland Seeding (\$ _____) Per Pound _____ Dollars	\$ _____
2954.1	02945	6	Each	Deciduous Tree (2.5" cal, B&B) (\$ _____) Per Each _____ Dollars	\$ _____

Bidder's Name _____
Glacken Slope Restoration
Phase 4

Item #	Spec. Section Ref.	Estimated Quantity	Units	Description of the Work and Unit Price Bid Written in Words and Numbers	Amount
2954.2	02945	7	Each	Deciduous Tree (1.5" cal, B&B) (\$ _____) Per Each _____ Dollars	\$ _____
2954.3	02945	64	Each	Deciduous and Understory Tree (6' ht., cont.) (\$ _____) Per Each _____ Dollars	\$ _____
2954.4	02945	26	Each	Deciduous Tree (3'-4' ht., cont.) (\$ _____) Per Each _____ Dollars	\$ _____
2954.5	02945	5	Each	Evergreen Tree (8' ht., cont.) (\$ _____) Per Each _____ Dollars	\$ _____
2954.6	02945	9	Each	Evergreen Tree (4' ht., cont.) (\$ _____) Per Each _____ Dollars	\$ _____
2954.7	02945	92	Each	Understory Shrub (4-5' ht., cont.) (\$ _____) Per Each _____ Dollars	\$ _____

Bidder's Name _____
Glacken Slope Restoration
Phase 4

Item #	Spec. Section Ref.	Estimated Quantity	Units	Description of the Work and Unit Price Bid Written in Words and Numbers	Amount
2954.8	02945	144	Each	Understory Shrub (2-3' ht., cont.) (\$ _____) Per Each _____ Dollars	\$ _____
2954.9	02945	250	Each	Herbaceous Planting (1 gal., cont.) (\$ _____) Per Each _____ Dollars	\$ _____
2954.10	02945	1770	Each	Herbaceous Planting (plug) (\$ _____) Per Each _____ Dollars	\$ _____
2955.1	02955	21	Each	Landscape Management (3 year maintenance) (\$ _____) Per Each _____ Dollars	\$ _____

Total amount of Base Bid based on Engineer's estimate of quantities for Items 1505.1 through 2955.1 inclusive (Basis of Award).

_____ \$ _____ (Amount in Figures)

_____ (Amount in Words)

*Write the amount of the BASE BID, in words and numbers, in the spaces provided for the Proposed Contract Price on Page 00300-1 of the Form for General Bid.

Bidder's Signature: _____

Bidder's Name _____
Glacken Slope Restoration
Phase 4

- F. The undersigned agrees if selected as General Contractor, within ten (10) working days after presentation thereof by the City, the Contractor will:
1. Execute a contract in accordance with the terms of this general bid;
 2. Furnish a performance bond and a labor and materials or payment bond;
 - a. of a surety company qualified to do business under the laws of the Commonwealth and satisfactory to the City;
 - b. in the sum of one hundred percent of the contract price;
 - c. premiums for each are to be paid by the General Contractor.
 3. provide an Insurance certificate specifying the City of Cambridge as **Additional Insured**, complying with the Insurance requirements set forth herein in the General Terms and Conditions of the contract, Article 8.
- G. Bidder understands that the Owner reserves the right to reject any or all bids and to waive any minor informalities in the bidding prices.
- H. Total amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.
- I. The bidder hereby certifies it shall comply with the minority workforce ratios and specific action contained in the Cambridge Employment Plan, the Cambridge Responsible Employer Plan, the Living Wage Ordinance, the Supplemental Equal Employment Opportunity Program, the Americans with Disabilities Act, and the MWRA WBE Participation Plan. The contractor receiving the award of the contract shall be required to obtain from each of its subcontractors and submit to the contracting or administering agency prior to the performance of any work under said contract a certification by said subcontractor, regardless of tier, that it will comply with same.
- J. The bidder agrees that this bid shall be good and may not be withdrawn for a period of 90 days after the scheduled closing time for receiving bids.
- K. The bid security attached in the sum of _____
 _____ (\$ _____) is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

The undersigned certifies that it possesses the skill, ability and integrity necessary for the faithful performance of the work; that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and who, where the provisions of section 8B of chapter 29 apply, shall have been determined to be qualified thereunder; and who obtains within 10 days of the notification of contract award the security by bond required under section 29 of chapter 149; provided that for the purposes of this section the term "security by bond" shall mean the bond of a surety company qualified to do business under the laws of the commonwealth and satisfactory to the awarding authority.

Bidder's Name _____
 Glacken Slope Restoration
 Phase 4

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the "person" shall mean any natural person, joint venture, business, partnership, corporation, or other business or legal entity.

"I certify under the penalties of perjury that I have complied with all of the laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support".

The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provision of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Date _____

BY: _____
(Signature)

(Name of General Bidder)

(Title)

(Business Address)

(City and State)

-END OF SECTION 00300-