

Addendum No. 1

Battery Park City Sustainable Ball Fields
Turf Replacement
Borough of Manhattan, City of New York

Addendum No. 1 has been prepared to notify Bidders of certain changes relative to the original RFP and bid proposal documents issued for the Battery Park City Sustainable Ball Fields Turf Replacement. Bidders are instructed to replace original bid documents with revised or additional documents as instructed below.

- RFP Section I. SUMMARY
- RFP Section IV.B. CONTRACT TERM
- RFP EXHIBIT A. GENERAL DESCRIPTION AND SCOPE OF WORK
- Technical Specification Revisions
- Addendum #1 Plans
- Addendum No.1 Attachments

RFP SECTION I. SUMMARY REVISIONS

Section 1. SUMMARY

The SUMMARY provision of the RFP is hereby revised as follows:

Delete from the description of the Project “removal of the hurricane damaged artificial turf system, the removal, cleaning and reuse of the underlying Brock pad . . .” Provision as revised reads as follows:

Battery Park City Authority d/b/a Hugh L. Carey Battery Park City Authority (“BPCA”) requests proposals (each individually, a “Proposal” or collectively, the “Proposals”) from Contractors (each individually, a “Proposer” or collectively, the “Proposers”) to provide artificial turf replacement services on the area known as the Ballfields. The Artificial Turf replacement project involves the laser grading of the field, reinstallation of the Brock pad (removed and cleaned by others), and the supply and installation of a new artificial turf carpet including baseball infield infills and lining/stripping.

RFP SECTION IV.B. ANTICIPATED CONTRACT TERM

The Anticipated Contract Term Section of the RFP is hereby revised as follows:

It is anticipated that the term of the contract awarded pursuant to this RFP (the “Contract”) will be a six (6) month contract. The anticipated term of the contract will run longer than the construction schedule in order to account for administrative close-outs. BPCA reserves the right to terminate the Contract at any time, with or without cause, upon thirty (30) days written notice.

RFP EXHIBIT A: GENERAL DESCRIPTION AND SCOPE OF WORK

RFP EXHIBIT A: GENERAL DESCRIPTION AND SCOPE OF WORK is hereby revised as follows:

Battery Park City Sustainable Ball Fields

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The purpose of this project is to replace the hurricane damaged artificial turf system on the area known as the Ballfields and install a new turf system of at least the same quality as the original and to complete the project within a timeframe that ensures quality of work product and reasonableness of cost, while allowing use of the ballfields for as much of 2013 as reasonably possible. Quality considerations shall collectively include but not be limited to durability, longevity, performance (including user safety and comfort), resistance to extreme weather events, appearance, sustainability and ease of maintenance.

The work is to include, but not be limited too, providing all materials, labor and equipment necessary to perform turf replacement as per the Stantec Drawings dated January 9, 2013.

The work consists of, but is not limited to the following;

- Laser grade site
- Install new synthetic turf carpet with new infill, reinstallation of brock pad and new geo-textile fabric.

Work shall comply with all drawings and specifications as per Drawings and Specifications that are at:

Automatic Login

FTP site link: <ftp://s0123073911:4823209@ftptmp.stantec.com>

By clicking on the link above (or pasting the link into Windows Explorer) you will be automatically logged into your FTP site.

Manual Login

FTP link: <ftp://ftptmp.stantec.com>

Login name: s0123073911

Password: 4823209

Disk Quota: 2GB

Back Stop Repair – also included in this contract is for the repair of the two existing back stops, as per KS Engineers drawings and specifications

Contractor should include with proposal, a Schedule of Values for both the original scope of work and the alternative, if any.

The existing Ballfield Backstops panels including all hardware and top and bottom rails including all hardware, existing Ballfield Backstops crossbars including all hardware, existing swing set crosspiece fittings including all hardware and existing Ballfield Backstops crosspiece fittings including all hardware shall be removed, secured, refurbished, restored, repaired and stored in a location satisfactory to the Engineer. The post holes shall be cleaned as directed by the Engineer.

Alternate

Contractor may submit an alternative field system if it can be shown to be superior to the original specified field with respect to installation schedule and/or durability and resistance to extreme weather events. Approval by design team and Battery Park City shall be prior to award.

Schedule

The Project must be 100% complete no later than May 24, 2013; however, additional evaluation points (under “Approach to Work and Schedule”) will be awarded to proposers which provide a verifiable schedule resulting in completion in advance of this date, with the earliest credible completion dates receiving the highest “Approach to Work and Schedule” points. Proposers may submit alternate proposals (and cost proposals) for standard and accelerated schedules.

TECHNICAL SPECIFICATION REVISIONS

The Technical Specifications portion of the bid proposal documents are hereby revised as follows:

Table of Contents

Remove Section 02110 Selective Site Demolition

End Table of Contents

Section 01010, Summary of Work

1.03 WORK UNDER THIS CONTRACT

A. Project Description:

2. Inspection of the base, laser grade touch-up of the base. Some finishing stone will be required.
3. Installation of filter fabric and existing underlayment pad.

End Section 01010

Section 02100, Site Preparation

1.02 WORK INCLUDED

A. Project Description:

3. Maintenance of silt fencing and removal.

End Section 02100

Section 02110, Selective Site Demolition

THIS SECTION HAS BEEN DELETED

End Section 02100

Section 02792, Sustainable Synthetic Turf System

1.02 WORK INCLUDED

- ##### B.
- Furnish and install Infilled Synthetic Turf System; including new filter fabric, reinstalling the resilient underlayment, replacement and installation of 10% of the underlayment, parallel slit film polyethylene fiber, backing and polyethylene secondary backing, and resilient infill mix.

1.06 SUBMITTALS

2. Contractor shall provide a written letter stating add and deduct pricing for providing and installation of new Brock padding. Contractor shall also provide allowance amount for 10% Brock pad replacement to be included in Base Bid.

PART 2 – PRODUCTS

2.01 GENERAL

- ##### A.
- This specification covers the installation of new outdoor multi-sport Infilled Synthetic Turf Systems comprised of tufted synthetic turf with infill, filled into the pile. The system also includes resilient underlayment. The installed systems shall have a permeability rate in

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excess of 20 inches per hour. The tufted synthetic turf is comprised of parallel slit film polyethylene pile sewn into a polyethylene backed carpet meeting F.D. Doc FF1-70 and ASTM D-2859 flammability requirements, with an abrasion index of less than 25 per ASTM F1015 and meeting acceptable values for Static Coefficient of Friction per ASTM F1551.

B. Acceptable Infilled Synthetic Turf Contractors/Vendors are:

1. ItalGreen S.p.A. - Via Crusnigo, 11 - 24030 Villa d'Adda (BG) / Safe Turf, Inc.
East Setauket, NY 11733 (877) 436-3455
 2. Astroturf, Dalton, GA. (413) 543-0969 / Applied Landscape Technologies, Inc.,
Montville, NJ (973) 402-6544
 3. FieldTurf / LandTek Group, Inc., Amityville, NY (631) 691-2381
 4. Shaw Sports Turf, Irving, TX 75062. (866) 703-4004.
 5. Sprinturf, Wayne, PA 19087. (887) 686-8873.
- or approved equal

2.03 INFILLED SYNTHETIC TURF SYSTEM

A. Tufted Synthetic Turf

1. Yarn shall be a UV resistant parallel slit film polyethylene pile equivalent to TenCate XP Blade Plus +HR fiber, designed for use in outdoor infilled synthetic athletic turf applications and meet the following requirements:
 - j. 42% minimum per ASTM D 2256
 - l. 11-year UV/8 year material and workmanship

- C. Preferred Secondary Coating shall be high quality polyethylene heat treated to hold the yarn in place.
Acceptable (to be identified in bid) Secondary Backing shall be high quality polyurethane heat treated to hold the yarn in place and shall meet the following requirements:
1. Weight 20 oz. per s.y. minimum

2.05 INFILL MATERIALS

- A. Infill Materials shall be uniformly filled to a depth which leaves no more than 3/4" of exposed pile after settlement, and consists of a free draining infill meeting the criteria outlined below. The Turf Contractor and Vendor shall be prepared to, and include in the cost of the project, add additional infill at the specified ratios within 12 months of installing the field to ensure the infill height meets the specifications following the settlement of the infill.
- B. Infill Shall be Geofill by ItalGreen S.p.A. - Via Crusnigo, 11 - 24030 Villa d'Adda (BG) or approved equal
- C. Organic Infill Materials shall be comparable to coconut mesocarp fiber, peat and silica sand and consist of a homogeneous mixture when it arrives on site.

2.06 INFILL MATERIALS (ALTERNATES)

- A. Infill Materials shall be uniformly filled to a depth which leaves no more than 3/4" of exposed pile after settlement, and consists of a free draining homogeneous mixture of TPE granules and silica sand meeting the criteria outlined below. The Turf Contractor and Vendor shall be prepared to, and include in the cost of the project, add additional infill at the specified ratios within 12 months of installing the field to ensure the infill height meets the specifications following the settlement of the infill.
- B. The infill ratio **by volume** shall be 50:50 silica sand to TPE.
- C. TPE granules specifically manufactured for use as synthetic sports turf infill. The thermoplastic elastomers (TPEs) materials on the basis of SEBS and shall be highly resistant to mechanical wear, allowing for intensive use of playing field, ozone and UV-stable, largely unaffected by weather conditions. As manufactured by Melos GmbH, www.melos-gmbh.com or approved equal.

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- D. Silica sand shall meet the following criteria:
1. Infill sand shall be high quality clean grains of rounded silica sand (SiO₂) equivalent to:
 - a) Granusil 4095
Unimin Corporation, New Cannan, CT

203-966-8880

20/40 HC
 - b) Oglebay Norton, Brady, TX
915-597-0721
20/40 Oil Frac
 - c) US Silica, Ottawa, IL
800-243-7500
 2. Angular or sub-angular particles will not be accepted. Sand shall meet the following requirements:
 - a) Hardness 7.0 Mohs
 - b) Moisture Content <0.1% per ASTM C-566
 - c) Specific Gravity 2.65 g/cm³ per ASTM C-128
 - d) Aerated Bulk Density 92-102 lb/ft² per ASTM C-29
 - e) Compacted Bulk Density 98-110 lb/ft² per ASTM C-29
- E. Other infill materials that provide a truly sustainable advantage over other turf infill products, i.e. recyclable, shall be submitted as an alternative prior to bidding. SBR will not be considered
- F. Samples of the homogenously blended infill and individual sand and rubber materials shall be submitted to the Owner's Representative for review. Samples of approved equals or alternate infills or shall also be sent by the Contractor to an independent testing laboratory to confirm the infill is free draining and meets (or exceeds) the drainage requirements set forth in this specification. Copies of the testing reports shall be submitted to the Owner's Representative for review. The Contractor is responsible for costs associated with infill testing.

PART 3 - EXECUTION

3.02 INSPECTION, REVITALIZATION AND FINAL REVIEW OF THE FREE DRAINING FINISHING STONE LAYER (BY INFILLED SYNTHETIC TURF VENDOR)

- A. Inspection/Site Meeting
1. Prior to beginning work, Contractor shall schedule a site meeting with the Owner's Representative. This meeting is to review the base, DRI test results and the final grades. Any debris that are present on the base stone layer (free draining finishing stone layer) shall be removed by hand.
- B. Grading
1. The Contractor shall laser grade the base stone (free draining finishing stone layer) by means of a dual receiver laser grader capable of grading the base stone at tolerance of 1/8" from the grade plain, added free draining finishing stone as required to meet grades.
- C. Final Review of the Free Draining Finishing Stone Layer
1. The Free Draining Finishing Stone Layer shall be inspected by the Infilled Synthetic Turf Contractor by means of a laser level on a 10-foot grid pattern and the Infilled Synthetic Turf Contractor shall generate an electronic survey of the surface to be submitted to the Owner's Representative and the Base Contractor for review and approval. Based on the inspection of the topological survey, the

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Infilled Synthetic Turf Contractor shall fine grade the Free Draining Finishing Stone layer suitably - including proper rolling and compaction - to achieve a tolerance of 1/8" from the grade plain.

3.03 BASE VERIFICATION

A. The Base Contractor and the Infilled Synthetic Turf Contractor shall verify that the Free Draining Finishing Layer is functioning properly prior to installation of the synthetic turf surface. Provide written verification to the Owner's Representative that the Infilled Synthetic Turf Contractor has examined the finishing stone layer is draining properly and the grades are within tolerance. Commencement of work prior to written verification constitutes acknowledgement that the base is functioning properly.

1. The Owner's Representative will perform drainage testing of the Free Draining Stone Base. These testing results will be reviewed with Infilled Synthetic Turf Vendor prior to installation of the turf

End Section 02792

ADDENDUM # 1 PLANS

The following Contract Plans have been revised:

SP-1	SITE PREPARATION PLAN
G-1	GRADING PLAN
D-1	SITE DETAILS

ADDENDUM No. 1 ATTACHMENTS

The following attachments are provided with Addendum No. 1:

- REVISED RFP
- ADDENDUM # 1 PLANS

END OF ADDENDUM NO. 1