CITY OF NEW BEDFORD
Department of Environmental Stewardship

ADDENDUM #1

The City of New Bedford issues the following Addendum #1 for

IFB # 20171038 Keith Middle School Turf Construction Project

To: All Bidders of Record

This addendum is issued to advise Bidders of the following:

Bidders are informed that the Bidding Documents for the above mention Project are modified, corrected, and/or supplemented as follows. Addendum No. 1 becomes part of the Contract Documents.

Acknowledge receipt of this addendum by inserting its number on the Bid form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

Due to the number of requests for as-equal determinations for field, pad and infill materials, these determinations will be made as part of Addendum No. 2 which will follow this Addendum.

**Project Manual Changes**

Item #1-1 What is the minimum face weight per square yard?

*Response: Minimum face weight per square yard is 48 ounces/square yard*

Item #1-2 Section 1.3 of the turf section for bid submittals is extensive – please clarify what you would like for submittals that are required with the bid

*Response: The contractor shall provide submittals identified in Section 1.3.A.*

Item #1-3 What are the 3rd party minimum limits for the turf warranty?
Item #2-1 I was hoping you could clarify the ADA ramp, ADA railing as well as the precast stairs. Is it possible to provide a detail on each of those items? Also we typically pour ADA ramps and not use precast will this be acceptable to pour in place the ADA Ramp?

Response: Additional construction details on the ramp, railing and rail post anchorage are included in the attached Drawing A1-1. Details on precast concrete stairs can be obtained at the Shea Concrete website at: https://sheaconcrete.com/products/steps-bulkheads#concrete-steps. Additional information on the ramp, railing and precast stairs are included in the Contract Documents.

It is acceptable to pour concrete in place to construct the ADA Ramp as long as the relevant performance and design requirements for these structures in the applicable regulations and the Contract Documents are met. Consistent with Section 323113 1.3.E of the Project Documents, prior to construction, the Contractor must provide design drawings stamped by a Licensed Massachusetts Architect. Drawings shall include the proposed rebar layout and design as well as rail post anchorage design and locations for approval by the City.

Item #3-1 With respect sports markings, please specify which sports shall be painted, and which sports shall be permanent tufted/inlaid.

Response: For the optional task, Section 325200A Synthetic Field Markings the field should be marked for Soccer, Field Hockey and Lacrosse as indicated in Drawing 2 of the Contract Documents. Tufted/inlaid markings will not be installed as part of the Work.

Item #3-2 For the sports which do require painting, please specify frequency. For example, shall the lines be painted once, or will installers be required to return on an annual or bi-annual basis?

Response: The cost for Section 325200A Synthetic Field Markings should only be painted once.

Item #3-3 Concerning tufted/inlaid lines, please confirm that colors will be chosen from the manufacturer’s standard range, with no custom colors required.

Response: No custom colors will be required.

Item #3-4 Please confirm that logos are not included as part of the Keith Middle School project.

Response: A logo will be included with the second addendum.

End of Addendum
NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH:
   • TITLE II OF THE 1990 AMERICANS WITH DISABILITIES ACT
   • 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
   • 521CMR RULES AND REGULATIONS OF MASSACHUSETTS ARCHITECTURAL ACCESS BOARD
   • NEW BEDFORD BUILDING CODE
   • WHICHEVER STANDARD IS MOST STRINGENT SHALL HAVE PRECEDENCE

2. THE WHEELCHAIR RAMP SHALL HAVE THE FOLLOWING CRITERIA:
   • IT WILL BE CONSTRUCTED OF EPOXY COATED REBAR REINFORCED CONCRETE.
   • THE INCLINE RAMPS SHALL BE 21.65' LONG BY 4' WIDE. DEVIATIONS FROM THIS MUST BE
     APPROVED BY THE CLIENT PRIOR TO APPROVAL.
   • THE SLOPE SHALL NOT BE STEEPER THAN 1:12
   • THERE SHALL BE A LEVEL REST PLATFORM AT LEAST EVERY 30 FEET OF TRAVEL WITH
     DIMENSIONS OF AT LEAST 5'X4'.
   • LANDING PLATFORMS AT EITHER ENTRANCE SHALL HAVE DIMENSIONS OF AT LEAST 5'X4'.
   • THE GATE AT THE TOP OF THE RAMP SHALL BE A MINIMUM OF 5' WIDE TO MATCH THE
     PLATFORM.
   • THE GATE SHALL SWING IN TOWARDS THE FIELD.
   • THERE SHALL BE A DETECTABLE WARNING PANEL WITH A MINIMUM WIDTH OF 3' INSTALLED AT
     THE START OF THE RAMP AND ALIGNED WITH THE PATH OF TRAVEL. THE PANEL SHALL BE
     WITHIN 6' TO 24' OF THE GRADE CHANGE.

3. CONCRETE EXPANSION OR CONTRACTION JOINTS SHALL BE LOCATED AT GRADE BREAKS.
   • GRADE BREAKS MUST BE PERPENDICULAR TO THE PATH OF TRAVEL.
   • GRADE BREAKS SHALL BE PARALLEL TO BACK OF CURB.

4. CURB RAMPS SHALL MATCH UNDISTURBED EXISTING GRADE.

5. THE RAMPS AND LANDINGS SHALL HAVE ALUMINUM RAILINGS:
   • THE TOP RAILING SHALL BE 34-38" FROM THE RAMP AND THE BOTTOM RAILING SHALL BE
     18-20" FROM THE RAMP.
   • ALUMINUM RAILINGS SHALL BE KEPT FROM CONTACT WITH CEMENTOUS MATERIALS OR
     DISSIMILAR METALS BY USE OF APPROPRIATE SEPARATION MATERIALS SUCH AS HEAVY
     BODIED BITUMINOUS PAINT, METHACRYLATE LACQUER, ZINC CHROMATE OR OTHER
     COATINGS TO PREVENT AN ALUMINUM CONCRETE REACTION.
   • EMBED DEPTH AND RAIL POST LOCATION TO BE PROVIDED BY CONTRACTOR.
   • SHEAR COUPLE DESIGN REFERENCES PCI JOURNAL 1974 BY CHARLES RATH
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   • RAILING INSTALLATION SHOULD CONFORM TO NATIONAL ASSOCIATION OF ARCHITECTURAL
     METAL MANUFACTURERS' (NAAMM)'S AMP 521 OR THE MANUFACTURER'S DETAILS.
   • ONLY A SINGLE GROUT MAY BE USED TO SEAL THE POST HOLES. IT IS NOT ACCEPTABLE TO
     USE MORE THAN ONE GROUT DURING THE WORK.
   • GROUT USED TO SET THE GROUT INTO THE POST HOLE SHALL BE IN COMPLIANCE WITH ASTM
     C1107, STANDARD SPECIFICATION FOR PACKAGED DRY, HYDRAULIC-CEMENT GROUT
     (NONSHRINK), AND SHALL BE DEMONSTRABLY APPROPRIATE FOR OUTDOOR, EXPOSED, WET,
     AND FREEZE-THAW CONDITIONS.
   • THE TOP OF THE GROUT SHALL BE CROWNED TO SHED WATER.

6. CONCRETE SIDEWALK AND WALKWAY SHALL CONFORM TO THE CITY OF NEW BEDFORD
   SIDEWALK DESIGN STANDARDS.

7. CLEAN UTILITY CORRIDOR CONCRETE CAP SHALL BE EXTENDED TO FENCE LINE IN AREA OF
   RAMP.

NOTES:

1. ALLOWABLE BEARING CAPACITY - 2500 PSF
2. VEHICLE LOAD - 300 PSF
3. SEISMIC LOAD - 300 PSF (Fw)

COMPLY WITH REQUIREMENTS LISTED IN:

1. 780 CMR 1610.2
2. 780 CMR 1807.2

PRECAST MODULAR BLOCK RETAINING WALL DESIGN LOADS

1. PRECAST CONCRETE RETAINING WALL OR APPROVED EQUIVALENT

2. CLEAN UTILITY CORRIDOR

3. PROFILE VIEW - ADA RAMP

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   PLATFORM.

9. THE GATE SHALL SWING IN TOWARDS THE FIELD.

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15. CLEAN UTILITY CORRIDOR CONCRETE CAP SHALL BE EXTENDED TO FENCE LINE IN AREA OF
    RAMP.
I HEREBY CERTIFY THAT I HAVE RECEIVED THE FOLLOWING ADDENDUM

ADDENDUM #'S

________________________________________
Person submitting bid

________________________________________
Company Name

Please include this form with your bid if applicable.