

**October 29, 2012**  
**Mt. Diablo Unified School District**  
**Synthetic Turf Removal / Replacement Project**  
**at**  
**Clayton Valley Charter High School**

**Request for Proposals**  
**For**  
**Synthetic Turf**  
**thru California Multiple Award Schedule (CMAS) Delivery Method**

The purpose of this request is to receive comprehensive proposals from synthetic turf companies to supply and install new next generation synthetic turf at the existing football / soccer synthetic turf field at Clayton Valley Charter High School, located at 1101 Alberta Way, Concord, California. Included in this contract will be the removal and disposal of the existing synthetic turf, the fine grading / leveling as needed to achieve post turf removal planarity on the existing permeable base, and the complete installation of the new turf product, including all project closeout, cleanup, and corrective work.

This project shall commence on December 11, 2012 (assuming to be contract execution and authorization to proceed with turf manufacturing, based on advanced review and acceptance of Turf Company shop drawing submittals), and be completed by January 15, 2013, inclusive of anticipated rain days (five rain days are included in the project timeline). The District may assess liquidated damages of \$500.00 (five hundred dollars) per calendar day for late completion of any of the project work, including corrective work.

The approximate synthetic turf field area is 82,110 square feet. Respondents are responsible for verifying final quantities. The project improvement area is surrounded by an existing all-weather running track, and as such the selected Turf Company will be required to adequately protect the areas outside the replacement turf area (i.e. existing all-weather track surfacing, miscellaneous paving, fencing, gates) such that no damage occurs to areas not included in the project improvements. Covering of the track is not specifically required.

The project will generally include the following work:

1. Supply and installation of selected turf product, permanent lines for football, soccer, and boys and girls lacrosse.
2. Removal and disposal of existing synthetic turf.
3. Fine grading and leveling of the existing permeable stone base. Turf Company shall not exercise extensive compacting or overworking of the base material. Intent is just to smooth out any identified inconsistencies in the grade due to operations related to the removal of the old synthetic turf and installation of the new turf product.
4. The project may include some incidental services and work that may be considered "routine maintenance repairs," including some of the work required to install the new field surface.

5. Replacement of synthetic turf on any in-field boxes and structures currently covered in synthetic turf.
6. Turf Installation shall include new midfield logo, to match the existing logo in terms of layout, colors, and dimensions. All field lines are to match existing (white football and yellow soccer), with the exception that field lines thru the logo shall be “shadowed” so lines appear continuous.
7. Refer to the synthetic turf specifications for additional information.

The Turf Company shall be responsible for walking the project site if deemed necessary prior to submitting a proposal to ensure they have an accurate understanding of the existing conditions and the scope of the project.

Each respondent shall have a current California Multiple Award Schedule (CMAS) contract for the product(s) it offers in its proposal. The District intends to contract directly with the turf company based on that turf company’s CMAS contract and to negotiate an acceptable price with the selected turf company, based on the proposal packages submitted by the prequalified turf companies.

All proposals must be received no later than **5:00 p.m.** Pacific Standard Time on or before **Friday, November 2, 2012**. The proposals shall be submitted via email to John Willford, assistant program manager at Mt. Diablo Unified School District, [willfordj@mdusd.org](mailto:willfordj@mdusd.org).

The hard copy samples outlined in this RFP shall be sent under separate cover to John Willford, to be received no later than **Friday, November 9, 2012**. The physical samples shall be delivered to the following location:

Mount Diablo Unified School District  
Attn: John Willford, Asst. Program Manager 2010 Measure C  
Holbrook Elementary School  
3333 Ronald Way, Concord, CA 94519

This RFP is not a request for bids or an offer by the District to contract with any party responding to this RFP. In addition, no reimbursement for expenses incurred or time spent will be made. All submittals and information contained therein provided at an interview or in the proposal package shall become the property of the District.

Please provide detailed information for each item in the Synthetic Turf Selection Criteria table which is included in this document. The District may base its selection on those criteria, as well as the following relevant criteria:

1. Price
2. Corporate Financials
3. Materials Proposed
4. Experience
  - a. With proposed product
  - b. Crew installation

- c. Local installations
- 5. Warranty
- 6. Customer Service
- 7. Other criteria deemed pertinent by the District

The Turf Company is to propose their best product for the given use and specified requirements. Any questions should be sent for responses no later than **5pm Wednesday, October 31, 2012**. All questions shall be sent via email to Devin Conway, Verde Design, Inc. at [devin@verdedesigninc.com](mailto:devin@verdedesigninc.com).

**PROPOSAL SUBMITTAL**

Included in the proposal package shall be the following information:

1. Synthetic Turf Selection Criteria document, including required supporting third party test data and information requested in the document, including the following:
  - a. List of all complete installed fields with specified product, including those in California (This list may be limited the forty (40) **most recent** completed installations)
  - b. Proposed Foreman resume(s) as applicable
  - c. Company turf warranty for this specific project, including insurer information
  - d. Corporate financial information
  - e. End of Life Recycling Plans
  - f. Post Consumer Recycled Content
  - g. Heavy metals & material content
2. Proposed product and pricing on completed Proposal Form, including a copy of the company’s complete CMAS contract, including, without limitation:
  - a. Cover page with Department of General Services (DGS) logo and CMAS analyst’s signature.
  - b. California Ordering Instructions and Special Provisions.
  - c. California CMAS Terms and Conditions.
  - d. Payee Data Record (Std. 204)
3. One complete physical sample, each a minimum of 8” x 11” in size, consisting of the exact proposed and submitted turf system. In addition, submit two loose samples (one foot squares) of the proposed and submitted turf backing and tufted fibers, and two sets of one quart samples of the following:
  - a. Specified Infill

**POTENTIAL INTERVIEW**

The District may request one or more respondents to interview with the District and present their company and their product line to the District. In this presentation and interview, each company should be prepared to present and/or address their proposal, including the following items:

1. Company Strength and Financial Viability
2. Product Warranty
3. Products
4. Installation Team and Foreman Project Experience
5. Hierarchy of Company (from Corporate down to installation crews)
6. Benefits of Brand and Product

7. Field Experience of presented product
8. Warranty process and repair procedure
9. Installation Methodology and QA/QC Process
10. Base Installation Inspection Procedures

**Mt. Diablo Unified School District  
Clayton Valley Charter High School Synthetic Turf Replacement Project**

**Proposal Form (to be emailed to the District by 5pm, Friday November 2, 2012)**

At time of the proposal, the following form needs to be filled in and returned with other requested materials. A unit price for the fields shall be used to determine final price. Proposal shall be all-inclusive of all taxes, fees, etc. All work shall include existing turf removal and new turf installation on the permeable base, and all work shall carry worker's compensation and prevailing wage rates. **The Turf Company may submit multiple products provided each meet the minimum product requirements. Each product shall have its own proposal form and associated documents.**

The contract with the Turf Company shall be direct with Mt. Diablo Unified School District.

**Submitted Turf Product Name:** \_\_\_\_\_

**Proposed Amount:** \$ \_\_\_\_\_  
(Total price including product, taxes, delivery and installation):

Unit Price (per square feet): \$ \_\_\_\_\_

**A. SYNTHETIC TURF CRITERIA**

At time of the proposal, the following form needs to be completely filled in and returned with other requested materials. Turf Company shall provide values based on the units shown below and based on ASTM/Standard testing procedures, if applicable.

<u>Property</u>	<u>Value (Fill in the blank)</u>	<u>Units</u>	<u>ASTM/Standard</u>
Pile Yarn Type			n/a
Yarn Structure			n/a
Yarn Linear Density		Denier +/- 5%	D1907
Yarn Breaking Strength*		Lbs	D2256
Yarn Maximum Elongation*		%	D2256
Yarn Melting Point		°F	D789
Tape Thickness		Microns	n/a
Tape Width*			n/a
Number of tape per stitch			n/a
Pile Height*		Inches	D5848
Pile Weight*		oz/yd2	D5848
Backing Composition			n/a
Type of Coating			n/a
Primary Backing Weight*		oz/yd2	D5848
Face Weight*		oz/yd2	D5848

Secondary Backing		oz/yd2	D5848
Coating Weight		oz/yd2	D5848
Total Carpet Weight		oz/yd2	D5848
Stitch Gauge			D5848
Stitches per Inch		stitches	D5848
Tuft Bind*		Lbs/force	D1335
Grab Tear Strength*		Lbs/force	D5034
Grab Tear Width		Lbs/force	D5034
Pill Burn test (Pass/Fail)			D2859
Impact Attenuation		G-max	F1936
Permeability*		Inch/hour	DIN 18-035
Permeability with in-fill*		Inches/hr	F1551
Total Depth of In-fill		Inches	n/a
Seams (Glued or Sewn)			n/a
Flame Resistance*			ASTM F1551

\*Provide certified independent (3<sup>rd</sup> Party) laboratory reports on ASTM Test for these items.

**In addition to the above form, the Turf Company shall provide the following information as part of the proposal package:**

1. Contractor shall submit a list identifying the installed fields that have this exact turf product as identified in its proposal. List of installations submitted and proposed site, field size (in s.f.), installation shall include project site, field name, and current owner contact name and phone number.
2. In addition, turf company shall submit list of completed outdoor field installations in California (does not need to be limited to exact specified turf product). All required information noted above shall be provided.
4. Contractor shall submit the resume of the proposed turf installation foreman. This foreman shall be at one of the three job sites at any time work on the fields is in progress. If concurrent work is being completed at more than one of the fields, then the turf company shall submit resumes for each foreman proposed at each project site. Each individual proposed to oversee the field will shall at a minimum have supervised no less than twenty synthetic turf fields in the past three (3) years.
5. Turf Company is to describe their field maintenance and warranty repair capabilities and their approach to this work. This includes location of crews that can respond to District requests, equipment used, etc.

**B. WARRANTY**

At time of proposal submission, the Turf Company shall submit its Manufacturer's Warranty which guarantees the usability and playability of the synthetic turf system for its intended uses for a minimum eight (8) year period commencing with the date of Notice of

Completion. Intended uses include, but are not limited to the sports receiving permanent striping, including physical education, football and soccer practice, summer camps, etc.).

The warranty submitted must have the following characteristics:

1. Be a non-prorated, non-cancellable up-front pre-paid, third-party insured warranty. Warranty shall be covered by a third party insurance policy, non-cancelable and pre-paid, and is in effect covering this installation, and underwritten by a Best "A" Rated (or better) Insurance Carrier listed in the A.M. Best Key Rating Guide. Draft project specific warranty document to be provided for review by the District within ten (10) days after award of contract.
2. Insurance carrier must confirm that the policy is in force and premiums prepaid for entire warranty duration in full.
3. The policy must include a minimum annual aggregate of \$10,000,000 per year and be based on claims arising from fields installed and completed only during the policy year.
4. The policy must provide full coverage for eight (8) years (minimum) from the date of Notice of Completion.
5. The policy shall cover all costs associated with full field replacement with new equal or better turf material, including labor, materials and any other costs to repair or replace the field.
6. District shall not be responsible for any deductible.
7. Warranty shall have no restrictions on hourly use limitations as long as the primary athletic use on the field is as anticipated in the original design.
8. Must warrant materials and workmanship, and that the materials installed meet or exceed the product specifications, including general wear and damage caused from UV degradation.
9. Must have a provision to either make a cash refund or repair or replace such portions of the installed materials that are no longer serviceable to maintain a serviceable and playable surface.
10. Must be a warranty from a single source covering workmanship and all self-manufactured or procured materials.
11. Guarantee the availability of replacement material for the synthetic turf system installed for the full warranty period.
12. Turf must maintain an ASTM F355 G-Max of less than 170 for the life of the warranty.
13. The Turf Company must verify that its onsite representative has inspected the installation and that the work conforms to the Manufacturer's requirements. The Manufacturer will submit written certification that the policy is in effect, fully funded and that the installation is added to the policy upon completion and acceptance.
14. The warranty shall be made out to Mt. Diablo Unified School District.

#### C. CORPORATE FINANCIAL INFORMATION

At time of proposal submission, the Turf Company shall submit the following corporate information:

1. Audited Financial Statement
2. Proof of liability insurance including the amount of coverage and expiration date. Information shall be provided directly from Turf Company's insurance company.
3. List of Majority Districts (If privately held) and Board of Directors
4. Provide proof of Employment Practices Liability Insurance.

D. END-OF-LIFE RECYCLING PLANS

The Turf Company, with their proposal, shall provide detailed plans for the management of all turf product components at the end of their useful life, including:

1. Manner of reuse/recycling for each product component
2. Identification of parties responsible for the removal and disposal of the field products.
3. A detailed description of the reuse or recycling process.

E. POST CONSUMER RECYCLED CONTENT

All synthetic turf purchased for installation and use on the project will include recycled content to the maximum extent feasible.

1. The Turf Company will provide the amount and type of recycled content in the turf product by weight and volume.
2. Proposals that do not include recycled content must provide an explanation as to why it was omitted and describe plans and timeline for inclusion of recycled content in the future.

F. HEAVY METALS AND MATERIAL CONTENT

The Turf Company will conduct and submit product analysis with the project proposal. Analysis will be presented in the form of current, certified laboratory results using specified standards and processes. **Turf Company shall also fill in attached Tables C & D with applicable lab results.** For threshold limits, reference Tables A & B below.

*Analytical Methodologies:* Representative samples of the turf fibers, turf backing, and infill material shall be analyzed for total metals content and semi-volatile organic compounds (SVOCs), as well as select analyses for leachable metals concentrations.

1. Total Metals Analysis: All samples (fibers, infill, backing) shall be analyzed for the California Assessment Manual 17/Title 26 list of metals (CAM 17 metals). The submitted samples shall be prepared by the laboratory for analysis of total recoverable metals by USEPA method 3050B. The samples shall then be analyzed for total metals concentrations by USEPA method 6010B/7400.

2. Leachable Metals Analysis: Infill samples only shall be analyzed for leachability of selected metals using the California Waste Extraction Test (WET). All samples shall be analyzed by the WET for lead, zinc, and total chromium. For other constituents, if the detected concentrations from the total metals analysis above are greater than or equal to ten times the Soluble Threshold Limit Concentration (STLC) value, as shown on attached Table A in Specification Section 02450, the WET shall be conducted for those individual metals as well.

3. Analysis for SVOCs: All samples (fibers, infill, backing.) shall be analyzed for the SW-846 list of SVOCs. The submitted samples shall be prepared by the laboratory for analysis by USEPA method 3540 or 3550. The samples shall then be analyzed for SVOC concentrations by USEPA method 8270B or 8270C. Results shall at a minimum include data for aniline (CAS #62-53-3), phenol (108-95-2) and benzothiazole (95-16-9). Concentrations of SVOCs are to be provided for reference purposes only and are not being evaluated against any particular criteria.

*Evaluation Criteria:* The detected concentrations of lead, chromium, and zinc in the samples of the turf infill material shall not exceed the threshold values listed in Tables A & B, outlined below for total metals and leachable metals analyses. In no case shall the total metal concentration of any metal equal or exceed the TTLC values. In addition, concentrations of metals detected in any leachate tests shall not exceed the STLC value (for threshold values, see California Code of Regulations, Title 22, Chapter 11, Article 3.)

TABLE A. Maximum levels of metals permitted for synthetic turf products – recycled styrene butadiene rubber (SBR) infill materials

<b>Metal</b>	<b>Total metals analysis (mg/kg)</b>	<b>Leachable metals analysis (ug/L)</b>
Chromium	750 <sup>i</sup>	50
Lead	50	2.5
Zinc	23,000 <sup>ii</sup>	250,000 <sup>iii</sup>

- i. No total chromium value promulgated in ESLs; chromium III value indicated instead.
- ii. California Human Health Screening Levels (CHHSLs) for soil for residential land use.
- iii. Selected soluble threshold limit concentration (STLC).

**Table C (to be completed by Turf Company)**

<b>Metal</b>	<b>Total metals analysis (mg/kg)</b>	<b>Leachable metals analysis (ug/L)</b>
Chromium		
Lead		
Zinc		

TABLE B. Maximum levels of total metals permitted for synthetic turf products – fibers, underlayment, and backing

<b>Metal</b>	<b>Total metals analysis (mg/kg)</b>
Chromium	25
Lead	50

**Table D (to be completed by Turf Company)**

<b>Metal</b>	<b>Total metals analysis (mg/kg)</b>
Chromium	
Lead	

**G. BROMINATED FLAME RETARDANTS**

The Turf Company shall provide verification that brominated flame retardants have not been intentionally added in the manufacture of the turf fiber, backing, underlayment or infill materials. Verification can take the form of a signed letter from the manufacturer, or appropriate laboratory analyses of the product proving that levels of elemental bromine are lower than 1% by weight.

SECTION 02540

**SYNTHETIC TURF PLAYING FIELD**

**PART 1 GENERAL**

1.01 SCOPE OF WORK

- E. It shall be the responsibility of the turf company to provide all labor, materials, equipment and tools necessary for the complete installation of a synthetic grass material, The system shall consist of, but not necessarily be limited to, the following:
1. A complete synthetic grass system consisting of minimum 2.25 inch tall monofilament polyethylene fiber.
  2. A resilient infill system, consisting of sand and/or rubber as specified in this section. The infill shall be filled so that there is a void of no greater than 1/2 inch to the top of the fiber.

1.02 JOB CONDITIONS

- A. Contractor shall be responsible for reviewing the base and ensuring it conforms to the project requirements prior to placement of the synthetic turf. The permeable field base shall be reviewed and accepted by the District prior to the installation on the new turf product.

1.03 REFERENCES

- A. ASTM Standard Test Methods:
1. D1335 - Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings
  2. D1577 - Standard Test Method for Linear Density of Textile Fiber
  3. D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering
  4. D4491 - Standard Test Methods for Water Permeability of Geotextiles by Permittivity
  5. D5034 - Standard Test Method of Breaking Strength and Elongation of Textile Fabrics (Grab Test)
  6. D5848 - Standard Test Method for Mass Per Unit Area of Pile Yarn Floor Covering
  7. F355 - Standard Test Method for Shock-Absorbing Properties of Playing Surfaces.
  8. F1015 - Standard Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces
  9. F1936 - Standard Test Method for Shock-Absorbing Properties of North American Football Field Playing Systems as Measured in the Field
- B. Current National Federation of High School (NFHS) Football and Soccer Rules, as applicable

## **PART 2 PRODUCTS**

### **2.01 PRODUCT CHARACTERISTICS**

- A. Product shall be minimum 2.25 inch tall pile height with not less than 1.75 inch infill levels throughout playing field areas.

## **PART 3 EXECUTION**

### **3.01 REMOVAL OF THE EXISTING SYNTHETIC TURF**

- A. Turf Company shall remove existing turf from project area and dispose of it in a legal manner off site.
- B. Existing permeable rock base and all in-place infrastructure, such as utility boxes, cleanouts, etc. shall remain in place and be protected from damage. All existing turf connections shall remain, be protected, and be reused as applicable. All remnants of old turf shall be diligently be removed from the project area.
- C. All existing sitework outside the turf field, including concrete perimeter edges, track surfacing, fencing, etc., are to remain and be protected. It is not required to cover the track surface, but no heavy vehicles are allowed to park continuously on the all-weather track surface. Staging shall be competed in rocked parking area immediately behind main bleacher to the south of the field and track.

### **3.02 INSTALLING THE SYNTHETIC TURF**

- A. The installation shall be performed in full compliance with the reviewed and accepted product submittal.
- B. Only trained technicians, skilled in the installation of athletic caliber synthetic turf systems working under the direct supervision of the approved installer/manufacturer supervisors, shall undertake any cutting, sewing, gluing, shearing, infilling or brushing operations.
- C. The turf contractor shall strictly adhere to the installation procedures outlined in this section. Any variance from these requirements must be submitted to and accepted in writing, by the manufacturer's onsite representative, and submitted to the District, verifying that the changes do not, in any way, affect the warranty.
- D. The turf manufacturer and installation subcontractor shall inspect and accept the field base, and provide documentation to that effect, prior to the installation of the synthetic grass system. The surface must be perfectly clean as installation commences and shall be maintained in that condition throughout the process.
- E. The carpet rolls are to be installed directly over the properly installed rock base material. No equipment with loads greater than 35 pounds per square inch (35 psi) shall be allowed on the field. As required, Contractor is responsible for altering operations in order to adhere to this requirement. Contractor shall always make sure that those vehicles being used on the field permeable rock bases are equipped with pneumatic (air-filled) tires, preferably turf tires. These tires are designed to spread loads and minimize damage to surface. Foam Filled or solid tires as well as tires with aggressive lug

patterns should not be used on the rock base, without synthetic turf installed. *If possible, use of an A-frame for unrolling of the synthetic turf is **strongly recommended**.*

- F. Any cutouts in the synthetic turf shall be per plans. Coordinate all cutouts in turf with District's Representative before cutting turf for utility boxes or other structures.
- G. The carpet rolls are to be installed directly over the properly prepared base. Extreme care should be taken to avoid disturbing the base, both in regard to compaction and planarity.
- H. The full width rolls shall be laid out across the width of the field. Utilizing standard state of the art sewing procedures each roll shall be attached to the next. When all of the rolls of the playing surface have been installed, the sideline areas shall be installed at right angles to the playing field turf. GLUING OF ROLLS SHALL NOT BE ACCEPTABLE.
- I. The synthetic turf field shall utilize sewn seams. Minimum gluing will only be permitted to repair problem areas, corner completions, and to cut in any inlaid lines as required by the specifications. Seams between turf panels must be sewn. Inlaid markings may not be installed by means of cutting through the fabric and adhering the colored turf to a separate reinforcing tape or cloth. Rather, inlaid markings (that cannot be tufted into the fabric), shall be installed by means of shearing out the existing green fiber and laying in a new piece of colored fabric into a bed of suitable "hot melt" adhesive placed directly on the original turf backing material. Systems that cut through the turf fabric for inlaid lines are not acceptable due to the fact that such a procedure shall weaken the structural integrity of the turf fabric backing. All seams shall be sewn using double bagger stitches and polyester thread or adhered using seaming tape and high grade adhesive (per the manufacturer's standard procedures). Seams shall be flat, tight, and permanent with no separation or fraying.
- J. Connections of the perimeter synthetic turf edges shall be completed by mechanical connection to the existing header boards shall be done with industrial staples (min. depth embedment is one inch (1") at maximum 2 inch (2") on center staple spacing.
- K. Infill materials shall be applied in thin lifts. The turf shall be brushed as the mixture is applied. The infill material shall be installed to a depth as specified in this section. The mix shall be uniform and even in thickness to assure proper playing characteristics.
- L. The infill materials shall be installed to fill the voids between the fibers and allow the fibers to remain vertical and non-directional. The infill shall be placed so that there is a void of 3/4" to the top of the fibers.
- M. At near Substantial Completion of the synthetic turf fields, the turf contractor shall test for shock absorbency. The turf contractor and/or manufacturer shall pay for an independent testing laboratory accredited for such tests (who shall be pre-approved by the District). All testing and analysis of findings shall be completed by qualified persons utilizing correct techniques. The laboratory shall provide the necessary testing data to the District that verifies the finished field meets or exceeds the required shock attenuation. The G-max range shall be between 95 and 170 for the life of the warranty, as determined by the ASTM F355A and F1936 test procedures. Any test results that do not meet the requirements of this specification or if any one test value is greater than ten percent (10%) greater in variance as specified in 3.03-G, then the Contractor's field installer shall address the failed test area, be required to retest the entire field as stated above, and

conform to these requirements prior to the issuance of the Certificate of Substantial Completion.

### 3.03 MAINTENANCE & WARRANTY

- A. The Turf Company shall provide the following prior to Final Acceptance and the District filing the Project Notice of Completion:
1. The Turf Company shall provide the written warranty for the project per the minimum requirements identified in this specification section. Submit Manufacturer Warranty and ensure that forms have been completed in District's name and registered with Manufacturer and Insurance Carrier. Submit information confirming that the third party insurance policy, non-cancelable and pre-paid, is in effect covering this installation, and underwritten by a Best "A" Rated Insurance Carrier. Insurance carrier must confirm that the policy is in force and premiums paid.
  2. Three (3) copies of Maintenance Manuals, which will include all necessary instructions for the proper care and preventive maintenance of the turf system, including painting and markings.
  3. Project Record Documents: Record actual locations of seams and other pertinent information.
  4. Upon completion of the field installation, the Turf Company shall have a supervisory personnel provide a minimum three (3) hour field training seminar with the District on how to care for the field. At a minimum, seminar shall include a demonstration of how to care for the field with the provided groomer / sweeper address use of the sweeper and groomer, review the entire provided maintenance manual (including the proper procedure for removal of gum and other debris) and answer any questions.
  5. Supply a field groomer and/or sweeper as specified.
- A. Turf Company shall be responsible for the testing of the G-max levels of the installed synthetic turf at the completion of years two, four, six, and six months prior to the completion of year eight. If any of these tests do not fall within the G-max range as specified in this specification section, the Manufacturer will be required to modify the field composition to the sole satisfaction of the District so that it falls within the target G-max range. All costs associated with such work shall be borne solely by the Manufacturer and/or installer. Any failed test shall be retested to verify that the field meets the specifications. All testing shall be paid by the Manufacturer and/or installer. All testing shall be completed by an independent testing laboratory accredited for such tests, and shall be pre-approved by the District. All testing and analysis of findings shall be completed by qualified persons utilizing the required techniques outlined in the ASTM F355 test standard.

END OF RFP DOCUMENT