

## ADVERTISEMENT FOR BIDS

The East Grand Rapids Public Schools is requesting bids for the reconstruction/refurbishment of the East Grand Rapids track.

Sealed bids must be submitted to:  
**EAST GRAND RAPIDS PUBLIC SCHOOLS**  
**2915 HALL ST SE**  
**GRAND RAPIDS MICHIGAN 49506.**

Bids must be submitted no later than 11:00 a.m. on Thursday, July 8, 2010 at which time they will be opened and read. Bids that are received after the date and time above will be sent back to the sender unopened. An on site visit prior to bidding may be requested by contacting Patty Temple, Director of Buildings and Grounds at 616-292-7409.

Bids must be completed in full. Voluntary alternates will be accepted and evaluated. All bids will be opened on the stated day and time above. Bidders may be present at the time of opening. There will be no discussion of any bids at that time.

Although cost is an important factor, East Grand Rapids Public Schools reserves the right to award a bid that will best serve the districts interest.



**Bid Proposal Form – Page 2**

Each bid must be accompanied by bid security as described in the Section 2000 Instructions to Bidders.

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If a Corporation, what is the State of Incorporation? \_\_\_\_\_

If a Partnership, state full name of all partners:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FIRM NAME:

OFFICIAL ADDRESS:

\_\_\_\_\_

\_\_\_\_\_

BY: \_\_\_\_\_  
(Print Name/Title)

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## **SECTION 1000 SUMMARY OF THE WORK**

### **PART 1 – GENERAL**

#### **1.01 PROJECT SUMMARY**

- A. The project shall consist of removing and disposing of the existing rubber surfacing on the track and all event areas. The current dip in the straightaway will be cut out and replaced with asphalt after proper preparation of the subbase. In addition, there are a few other areas of repair as well as replacing the current take-off board tray system.
- B. The current high jump will have the concrete pad removed and the high jump will be extended full length by the width of the current concrete pad. In addition, a starting chute will be added. This starting chute will proceed back in a straight line from what will be the new lane 7 to the fence.
- C. The current asphalt base will be resurfaced as it currently has been surfaced and the striping will be altered to reflect a 7-lane straight and a common finish line incorporating the new chute.
- D. The contractor will supply vented and ballasted cross-over matting at 7-1/2 x 30 feet for two (2) locations.

#### **1.02 OWNER**

- A. The Owner of the Project is East Grand Rapids Public Schools in Grand Rapids, Michigan.

#### **1.03 CONSTRUCTION CONTRACT**

- A. The Owner will award a single construction contract for the project.
- B. The contract form used shall be AIA Document A101, 2007 Edition.

#### **1.04 COMPLETION TIME**

The successful bidder may commence work immediately upon notice to proceed from the owner. The project shall be substantially completed by August 11, 2010. The Contractor shall coordinate this project with any functions involving the track facility so as not to disrupt normal activities. Any weather and/or wet soil conditions that would delay the commencement of the project will be so noted and logged. Weather delays throughout the course of the project will be logged as well. Weather delays and moisture in soils may affect the completion date. Construction will need to work around the Owner's use of the facility after August 11, 2010.

## 1.05 AWARD OF CONTRACT

- A. The Owner reserves the right to reject any and all bids and waive any and all informalities and has the right to disregard all nonconforming or conditional bids or counter-proposals.
- B. The Owner may accept any bid that would best serve the interest of the school district and not necessarily be the low bid.
- C. In evaluation of the bids, the school district shall have the right, based on qualifications and compliance with specifications for products listed and other determining factors, to award the contract to the lowest responsible bidder who best serves the interest of the project.

## **SECTION 2000 INSTRUCTIONS TO BIDDERS**

### PART 1 - GENERAL

#### 1.01 LOCATION OF PROJECT

- A. The running track to be renovated is located at the East Grand Rapids High School Athletic Field, 2211 Lake Drive SE, Grand Rapids, Michigan 49506.

#### 1.02 INTERPRETATIONS AND QUESTIONS

- A. All questions about the contract documents, meaning and intent shall be directed to Patty Temple, Supervisor of Buildings and Grounds (616-235-3535).
- B. All questions or requests shall be submitted in writing seven days prior to bid closing.
- C. Replies may be issued by addendum.

#### 1.03 BID PROPOSAL

- A. Bidders are to use attached bid form.
- B. Sealed bids will be received by the East Grand Rapids Public Schools, 2915 Hall Street SE, Grand Rapids, Michigan 49506 at the office of Patty Temple until the hour of 11:00 AM local time on July 8, 2010 and will be publicly opened and read aloud. Bids received after this date and hour will be returned unopened. No faxed bids will be allowed.

#### 1.04 BID SECURITY

- A. Each bid shall be accompanied by a bid bond or certified check for the amount of five percent (5%) of the base bid and made payable to East Grand Rapids Public Schools. A recognized surety authorized to do business in the State of Michigan shall issue the bid bond.

## 1.05 WITHDRAWAL OF BIDS

- A. Bidders will be permitted to withdraw their proposals at any time prior to the closing of bids.
- B. Bids shall be in effect for a period of thirty (30) days.

## PART 2 – BIDDER QUALIFICATIONS

### 2.01 SITE VISIT

- A. Bidders are required to visit the track site and familiarize themselves with the conditions, actual quantities and area to be surfaced, and to gather all other information necessary to complete the project in its entirety.
- B. Bidders, at their own expense, can survey and investigate the area as necessary to arrive at a bid price.

### 2.02 COMPLIANCE

- A. To be considered as eligible to submit a bid, a bidder shall have complied with all legal requirements to operate under applicable laws of the State of Michigan.
- B. Before a bid is considered for award, the bidder shall, if requested by the Owner, submit a fully executed Contractor's Qualification Statement, AIA Document A305, or similar statement of facts (in detail), as to previous experience in performing similar or comparable work, of business and technical organizations, financial resources and equipment available to be used in performing contemplated work.
- C. The Bidder is to be a member of the **American Sports Builders Association (ASBA)** and should have the designation of **Certified Track Builder**.
- D. The materials, products, equipment and method of installation, as specified in Section 6000, are used as a standard of quality and appearance as desired by the Owner. Any bidder of the resilient surface shall list a minimum of forty (40) projects that have been installed by the current company under the same company name as listed; twenty (20) projects must be five (5) years or older. **All projects must contain the same product components and use the same method of installation.**

## **SECTION 3000 SUPPLEMENTAL CONDITIONS**

### PART 1 – INSURANCE

#### 1.01 CONTRACTOR LIABILITY INSURANCE

- A. Liability insurance shall contain all major divisions of coverage and be on a comprehensive basis.
- B. Commercial General Liability shall not be less than \$2,000,000 General Aggregate.
- C. Business Automobile Liability shall have a combined single limit of \$1,000,000.

### PART 2 – BOND

#### 2.01 PERFORMANCE BOND

- A. The Contractor shall provide and pay for a bond covering faithful performance of the contract and the payment of all obligations arising there under, by a Corporate Surety acceptable to the Owner and authorized to do business in the State of Michigan as approved by the Owner.
- B. The Bidder shall deliver said bond to the Owner not later than ten (10) days after the execution of the contract.

## **SECTION 4000 SUBBASE AND ASPHALT INSTALLATION**

### PART 1 – GENERAL

#### 1.01 SCOPE

- A. This section applies to those areas of repair and additional base work.

#### 1.02 SUBMITTALS

- A. The Contractor is to provide evidence to the Owner, upon request, showing the subbase is compacted per specifications.
- B. The compaction of the asphalt shall be done by the Ordinary Compaction Method.

## PART 2 – EXECUTION

### 2.01 SUBGRADE

- A. Any unsuitable materials in the subgrade are to be removed to the necessary depth.
- B. Vegetation within the grading and excavation limit shall be removed and disposed of in a satisfactory manner. Material below the grade line shall be scarified, broken to a depth necessary to obtain at least six (6) inches of subgrade densification and the moisture content adjusted to obtain the proper compaction.
- C. The finished surface of the subgrade shall have no deviation in excess of one half (1/2) inch from a true surface when a ten-foot straight edge is applied along any portion of the surface. The subgrade shall reflect a positive one and one half (1-1/2%) percent slope to the inside.
- D. Added to the existing subgrade shall be six (6) inches of granular base rock. The base material shall be compacted over the subgrade to a ninety-five (95%) percent proctor density.

### 2.02 PAVING

- A. The base course of bituminous material shall conform to and meet the State of Michigan Department of Transportation specifications for asphalt. A mixture typically used in parking lots meeting State requirements is what is specified. The depth of this base course shall be a minimum of two (2) inches compacted. The leveling course shall be no less than two (2) inches, as well, in a compacted thickness for a total of four (4) inches.
- B. Rolling shall continue until all rolling marks are removed and the asphalt has reached ninety-five (95%) percent of its maximum density.
- C. The slope of the new chute shall maintain the current cross slope of the track.
- D. The slope of the additional high jump installation shall maintain the slope of the current high jump.
- E. The tray system in the current long-jump runway shall be pulled out and filled in with asphalt. A rubber jump board shall be installed prior to the re-surfacing of the runway with the PMSS, per specifications.

## **SECTION 5000 ATHLETIC FIELD DRAINAGE – Not Applicable**

## **SECTION 6000 RESILIENT ATHLETIC SURFACING**

### PART 1 – GENERAL

#### 1.01 SCOPE

- A. Section includes labor, materials and equipment to provide the following:
  - 1. The rubberized polyurethane surfacing system (Poly Mat) for running track and all field events. This consists of a single application full-depth of granular rubber and polyurethane binder at a depth of one half (1/2) inch.
  - 2. The application of the custom blue structural spray.
  - 3. The lane striping and markings.

#### 1.02 SUBMITTALS

- A. Submit complete installation specification and technical guidelines.
- B. Provide written maintenance information to the Owner, including repair methods and availability of repair materials, including cost.
- C. The track surfacing contractor shall provide a color-coded schedule of markings and provide a certification that the track is 400 meters in accordance with specifications. At the time of completion, the color-coded schedule and written certification shall be provided to the Owner.

#### 1.03 QUALITY ASSURANCE

- A. The resilient surfacing system shall be completely furnished and installed by an authorized installer of the track material manufacturer.
- B. The surfacing contractor bidding this project is not permitted to subcontract any portion of this section.

#### 1.04 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in manufacturer's original, unopened containers clearly labeled.

#### 1.05 WARRANTY

- A. Prior to final payment, a written warranty will be provided from the surfacing contractor covering both materials and workmanship. The warranty shall start from the date of substantial completion or when the Owner accepts the completed track and field event areas, whichever is later. The warranty shall be provided for a period of five (5) years.

## PART 2 – PRODUCTS

### 2.01 MANUFACTURER

- A. Acceptable product under base bid is Poly Mat Structural Spray by Fisher Tracks, Inc, Boone, Iowa. Phone number 515-432-3191.

### 2.02 RESILIENT SURFACING

- A. The specified running track surface is a mixture of graded rubber granules bound with 100% polyurethane binders. The mixture is applied to the asphalt base by means of a mechanically operated screed.
  - 1. Only a high quality polyurethane binder is to be used.
  - 2. The mat will be sprayed with an application of polyurethane and rubber in custom blue.
  - 3. The depth of the completed system shall be a minimum of one half (1/2) inch (12.75 mm) or as specified.
  - 4. The width of the rubber shall be from the inside edge of the walking path to the outside edge of asphalt and asphalt concrete and reflect the pavement extension method as recommended by the American Sports Builders Association where applicable.

## PART 3 – EXECUTION

### 3.01 SURFACE PREPARATION

- A. The existing surface shall be inspected by the Contractor for any conditions that would be detrimental to a successful installation of the new rubberized polyurethane track surface. Any such condition shall be brought to the attention of the Owner. The surfacing contractor shall repair any such deficiency within the scope of track installation. These repairs need to be made in accordance with the manufacturer's recommendations. No asphalt, sand or slurry mixes will be allowed.
- B. The Owner/General Contractor shall clean and remove all construction debris from the surfaces to receive the all-weather track system. The surfacing contractor shall sweep, power-blow or pressure-wash to remove any normal dust.

### 3.02 GENERAL

- A. The entire area to be surfaced shall receive an application of polyurethane primer applied uniformly at a rate between 0.18 – 0.27 lb per square yard. A minimum cure time of thirty (30) minutes is required before application of the base mat materials.
- B. The mixing ratio of rubber to binder should not be less than five (5) parts rubber to one (1) part binder as determined by the weight of the products. The materials shall be prepared in a mechanical mixer until a homogenous mix is obtained.
- C. The mixed materials making up the Poly-Mat shall be applied by a mechanically operated finishing machine, which shall have an electrically heated screed. The surface will be applied in one layer to the specified depth.
- D. The cured edge of each joint shall be primed with the Poly-Mat binding agent prior to the laying of the adjacent base mat. All joint work will be troweled flush with the adjacent mat.
- E. The mixed structural spray material is comprised of a weighted quantity of custom blue structural coating and custom blue colored EPDM granules. This mixed structural spray material is applied in two applications from opposite directions for a total rate application ranging from 3.2 to 4.0 lbs per square yard.

### 3.03 LIMITATIONS

- A. Apply the synthetic surfacing materials only during favorable weather conditions. Work is to progress only when adequate curing can be guaranteed by the installer.
- B. During surface installation and striping, all sprinkler systems must be shut off or controlled so that no water falls on the track or event surfaces.
- C. All materials will be installed in strict compliance with manufacturer's recommendations.
- D. During setup, installation and striping of the Poly-Mat, it is the responsibility of the General Contractor and the Owner to have the entire track area and other pertinent areas such as football field, concessions, etc., closed and secured of all activities twenty-four (24) hours per day through the curing and completion of the project.

### 3.04 MARKING AND STRIPING

- A. Experienced personnel specializing in all-weather running track striping shall accomplish all striping.
- B. The striper shall provide lane lines, starting lines and markings required and shall conform to the standards for track construction as prescribed by the applicable governing body.
- C. The Contractor shall verify with the Owner's representative for exact locations, size, shape and color of the lines and markings before proceeding with markings and striping.

- D. Calculations shall be made to the nearest 0.001 foot. These shall be rounded to the nearest 0.01 foot for marking.
- E. A transit or Theodolite capable of reading direct to twenty (20) seconds shall set angles.
- F. Measurement shall be made with a steel tape in engineering scale that will read directly to 0.01 foot.
- G. All lane lines shall have a width of five (5) cm (approximately 2 inches).
- H. Track certification, as to its accuracy for the correct distance of 400 mm around the track oval, shall be provided by the track professional.