

INVITATION FOR BID PROPOSALS

TOWN OF KITTERY, MAINE

The Town of Kittery, Maine is soliciting proposals for reconstruction of a 400 Meter Six Lane Running Track located at Shapleigh School, Stevenson Road, Kittery, Maine. The public bid opening will be Monday, June 20<sup>th</sup> at 2:30 pm at Kittery Town Hall, 200 Rogers Road, Kittery, Maine.

Bid information packages are available from the Town Manager's Office, 207-475-1329 or at [www.kittery.org](http://www.kittery.org)

Jonathan L. Carter  
Town Manager

**INVITATION FOR BIDS  
RECONSTRUCTION OF 400 METER SIX LANE RUNNING TRACK  
INSTRUCTION TO BIDDERS AND GENERAL CONDITIONS**

**1. GENERAL SCOPE OF WORK**

Remove existing 400 meter, six lane, running track located at Shapleigh School, 43 Stevenson Road, Kittery, Maine and reconstruct in the same general location (**see attached map**).

• **BASE BID**

- Remove existing 400 meter, six lane running track
- Reconstruct in the same general location, using lazer grading in all areas and in compliance with current regulations (Note: Inside field is used for HS and MS soccer)
- Furnish and install approximately the necessary  $\frac{3}{4}$ " crushed gravel and compact all new gravels; reclaiming the existing pavement may be used to build the necessary gravel base as recommended by the ASBA Certified Track Builder Consultant.
- Install  $\frac{1}{2}$ " Black Lightning track surface per the attached Plexipave specifications
- Layout and re-establish radius point to meet current regulations
- Relocate and reconstruct the two, separated long jump pits to outside of the track (in the rear); some grading is necessary
- Repair the existing long jump pits with sod; all other disturbed areas can be loamed and seeded
- Create a high jump area to meet current standards (provide a sketch with your proposal)
- Install 4" underdrain between the high jump zone and the running track; connect to existing catch basin
- Reconstruct the pole vault in the same location
- Install a conduit under the track for power from the storage shed to the inside field providing access through a grade level utility box. (**electrical work will be done others**)
- Install NFHS certified markings; meet with the track coach and/or Athletic Director to insure specific needs or requests are included in the stripe layout.
- Relocate the existing soccer kick board to outside of the track

• **ALTERNATE SURFACE OPTION 1** – In lieu of the Black Plexitrac Lightning (latex), install a polyurethane paved mat with a red aliphatic structural spray system (IAAF certified)

• **ALTERNATE SURFACE OPTION 2** – In lieu of the Black Plexitrac Lightning, install a polyurethane paved mat with a blue aliphatic structural spray system (IAAF certified)

**2. SUBMISSION OF PROPOSAL**

Proposals shall be submitted on vendor's stationary and placed in a sealed envelope marked clearly on the outside "Cost Proposal for Reconstruction of Running Track for the Town of Kittery". The envelope shall be addressed to Office of the Town Manager, Attention: Jon Carter, 200 Rogers Road, Kittery, Maine. Bid Opening is to be held at Town Hall, Monday, June 20<sup>th</sup>, at 2:30pm.

**3. WARRANTIES, BROCHURE, MANUALS**

All warranties and a descriptive brochure describing the equipment and/or special materials shall be enclosed in the bid proposal.

**4. STANDARDS**

Product data and specification for a new, polyresin track system are attached. All other layout is to be done in accordance with current standards for high school track and soccer field layout.

There shall be, within the southern Maine and southern New Hampshire area, a technician available to provide repair service for any make of equipment that a bidder offers in this proposal.

**5. DISCOUNTS**

The Town of Kittery, Maine pays its bills in full on or within thirty (30) days following delivery of merchandise and receipt of bills for all items covered by the Town's Purchase Order. In submitting bids under these specifications, bidders should take into account all discounts allowed in accordance with the above payment policy.

**6. EXEMPTION FROM TAXES**

The Town is exempt from payment of Federal Excise Taxes on articles not for resale, Federal Transportation Tax on all shipments, and Maine State Sales Tax and Use Taxes. All bidders should quote a net price exclusive of these taxes on equipment and/or materials delivered to the Kittery Town Hall, 200 Rogers Road, Kittery, Maine. If requested, exemption certificates will be furnished with the Purchase Order.

**7. TRANSPORTATION CHARGES**

All transportation, fuel surcharge and delivery charges including expense for freight, transfer, mail, etc., shall be prepaid and be at the expense of the Bidder unless otherwise specified in the bid.

**8. DAMAGE REPAIR:**

The Bidder will be held responsible for all damages to the field until the new track is installed and operational by the Town of Kittery.

**9. DEFAULT**

In case of default by the Bidder, the Town of Kittery reserves the right to procure the services from other sources and charge any excess cost occurred thereby to the Bidder. However, the Bidder shall not be held liable for any failure or delays in fulfillment of his contract arising from strikes, fires, Act of God, or any other cause, which by reasonable diligence could not be prevented.

**10. BID OPENINGS**

All bids will be opened publicly and bidders or their representatives may be present at the bid opening. The bids will be available for public inspection after opening, but abstracts will not be prepared for distribution by the Town.

**11. ADDENDA**

Should a bidder find discrepancies in or omissions from the specifications or other contract documents, or should a bidder be in doubt as to their meaning, the bidder shall, at once, notify the Public Works Commissioner, who will send instructions in the form of written addenda to all bidders. Any questions concerning the bid should be addressed to Mary Ann Conroy, Commissioner of Public Works, 200 Rogers Road, Kittery, Maine 207-475-0333, fax 207.439.6118, or by email at [mconroy@kitteryme.org](mailto:mconroy@kitteryme.org) by 12:00 noon on June 18, 2011.

**12. TERM OF BID**

No bidder may withdraw a bid for a period of sixty (60) days after the actual date of the bid opening.

**13. DELIVERY DATE**

The construction of the new running track must be substantially completed by August 20<sup>th</sup>, 2011.

**14. PERFORMANCE BOND, INSURANCE**

A performance bond will be required to cover the total amount of the bid. Insurance will be required from the successful bidder, naming the Town as an additional insured for liability in the amount of a minimum of one million dollars.

**15. REFERENCES**

Bidder will supply at least three area locations of product installation with addresses and contact of each.

**16. AWARD OF CONTRACT**

Award will be made to the lowest responsible bidder considering Chapter 3.2 Purchasing System sub-section 3.2.3 Vendor Selection of the Kittery Code of Ordinances.

The Town of Kittery reserves the right to waive any informality in bids, to accept any bid or section(s) of the bid, and to reject any or all bids should it be deemed in the best interest of the Town to do so.

JONATHAN L. CARTER  
Town Manager

# PRODUCT DATA & SPECIFICATION

SECTION 10.80

SITE IMPROVEMENTS  
ATHLETIC FACILITIES

EXTERIOR/INTERIOR

RESILIENT TRACK SYSTEM

## PLEXITRAC LIGHTNING

### POLYRESIN TRACK SYSTEM

#### APPLICATION FOR ASPHALT SURFACES

##### 1.0 DESCRIPTION

This specification covers the installation of a new, high performance resilient track surfacing system for new asphalt surfaces. This track system utilizes specially compounded, pigmented, water-based binders and select rubber granules to provide strength, flexibility and to prevent ultra violet degradation. Also a top coat is applied to further protect against harmful UV rays and to reduce wear. The system provides a durable, resilient, spike resistant surface for recreational and competitive use.

**NOTE:** The success of the running track surface is dependent on a sound base (with good drainage) and the asphalt concrete meeting the requirements of The National Asphalt Paving Association and the U.S. Tennis Court and Track Builders Association. Variations of the existing subsurface should not exceed 1/8" in 10' when measured in any direction with a straightedge.

##### 2.0 MATERIALS - All liquid products shall be supplied by one manufacturer.

2.1 **Court Patch Binder** - Shall comply with Specification 10.14 of California Products Corporation.

2.2 **CP-4125** - Latex emulsion tack coat.

2.3 **Plexitrac Binder** - Shall comply with Specification 10.73 of California Products Corporation (Black).

2.4 **Rubber Granules** - Select granules for job mixing with Plexitrac Binder.

2.5 **Plexitrac Coating** - Shall comply with Specification 10.72 of California Products Corporation (Black).

2.6 **Plexicolor Line Paint** - Shall comply with Specification 10.4 of California Products Corporation.

2.7 **Plexicolor Pigment** - Water-borne pigment for enhanced color depth (Black).

2.8 **Water** - The water used in all mixtures shall be fresh and potable.

##### 3.0 SURFACE PREPARATION

3.1 Prior to the application of surfacing materials, the entire surface should be flooded and checked for minor depressions or irregularities. Any puddled area covering a nickel shall be marked and repaired with Court Patch Binder according to CPC Specification 10.14. After patching, the asphalt surface shall not vary more than 1/8" in 10' measured in any direction.

##### 4.0 CONSTRUCTION

Allow all patch work to dry thoroughly. The surface to be coated must be sound, smooth and free from dust, dirt or oily materials.

4.1 **Primer Coat** - A tack coat of CP-4125 must be applied over the entire surface at a rate of .04 gal./s.y. Allow to dry thoroughly.

4.2 **Track Surface** - Materials shall be applied to achieve a dense uniform surface of not less than the specified thickness in not less than three layers. The Plexitrac Binder must be evenly distributed amongst the rubber granules upon the application of materials. Coverage rates (Measured in accordance with I.A.A.F. standards):

Color:	Thickness:	Rubber Granules:	Plexitrac Binder (Black):
Black	3/8" (9.5MM)	10.5 lbs./s.y.	.60gal./s.y.
Black	1/2" (12.8MM)	14.0 lbs./s.y.	.78 gal./s.y.

**Plexipave**

A Division of California Products  
An Employee Owned Company

150 Dascomb Road, Andover MA 01810 USA • www.plexipave.com • info@plexipave.com  
Telephone: 1-978-623-9980 / 1-800-225-1141 • Fax: 1-978-623-9960

Coverage rate based on undiluted product. Binder to rubber ratio shall be 1 gallon Plexitrac Binder per 18 lbs. of Black S.B.R. Rubber.

To further enhance color depth, it is recommended to add 5 gallons of Plexicolor Pigment to each 55 gallon drum of Plexitrac Binder on the final spraycoat. Plexicolor Pigment is a water-borne colorant available from California Products.

The coverage rates for the rubber granules is dependent on the specific gravity (density) of the rubber and the installation method of the surfacing system. Different densities will effect the dry bulking value of the rubber which determines the weight per square yard for a specified thickness. The specific gravity for rubber particles can vary between colors, size, and manufacturers. It is recommended to consult the manufacturer for more information. Also, different application methods can effect the overall system density requiring lower or higher volumes of product. System weights and volumes shall be verified by on site sample methods.

**4.3 Top Coat - Plexitrac Coating** shall be applied by approved spray equipment at a rate of not less than .10 gallons per square yard. If a smoother finish is desired, you may substitute Plexitrac Surfacer at not less than .30 gal./s.y.

**4.4 Linestriping - Plexicolor line paint** shall be applied to meet all rules and regulations of the local track federation.

## 5.0 LIMITATIONS

- No part of the construction shall be conducted during rainfall or when rain is imminent.
- Allow 4 - 8 hours to cure at 70° F. Lower temperature and higher humidity will increase the dry time.
- Do not apply when surface temperature is above 130° F.
- Apply only when ambient temperature is 50°F and rising.
- Keep from freezing. Do not store in the hot sun.
- The Polyresin Track System will not prevent pavement cracks from occurring.
- Allow applications to thoroughly cure prior to subsequent applications.
- Use caution when applying materials near adjacent areas. Mask when necessary to prevent overspray.
- Allow new asphalt to cure for a minimum of 14 days.

## 6.0 PHYSICAL PROPERTIES

**6.1 Plexitrac Binder** is a high solids pigmented binder containing special fibers to promote strength. The Plexitrac Binder is capable of drying/curing to a depth of 10mm in a single lift when mixed at the specified levels of 1-3 mm rubber granules.

Viscosity > 90 ku or > 1200 cps      Pigment and Filler > 6% total formula

**6.2 Plexitrac Coating** is a fully pigmented acrylic top coat system designed to have a high resistance to ultraviolet light. It is made from acrylic resins specifically designed for track surfaces to provide a tough, long lasting surface that can withstand the elements. It should be applied in 2 coats at a coverage rate of .05 gal./s.y. per coat.

**6.3 Rubber Properties: 1 - 3mm Sieve Analysis** - Other sieve sizes may be used to achieve a different surface texture at the discretion of the owner. Rubber supply can vary. Check compatibility with California Products Corporation.

Mesh	M.M.	% Retained	Specific Gravity: Hardness: Shore A, 55-75 durometer
6	3.36	0-15%	Black Rubber Granules: 1.15-1.40
10	2.00	60-85%	Colored EPDM Rubber Granules: 1.40-1.60
18	1.00	10-30%	
PAN 1.00	0-5%		

**7.0 DISCLAIMER:** Suggestions for use of our product or inclusion of descriptive material from patents should not be understood as recommending the use of our product in violation of any patents.

## 8.0 GENERAL

Materials must be specifically designed for the construction of running track surfaces. Materials specified shall be delivered to the site in sealed, properly labeled drums with California Products Corporation labels that are stenciled with the proper batch code numbers. Products packaged or labeled in any other manner will not be accepted. Minimal addition of clear, fresh water at the job site is dependent on temperature and material flow. Coverage rates are based upon material prior to mixing with water. Dispose of empty containers in accordance with local, state and federal regulations.

# KITTERY 400M 6 LANE RUNNING TRACK

NTS.  
EXACT LAYOUT  
TO BE DONE IN  
THE FIELD



LONG JUMP  
Relocate to outside  
of track

Reconstruct new  
track in same  
general location

POLE VAULT -  
Rebuild in same  
location

NEW  
4" VD -  
connect  
to existing  
CB

new utility  
conduit & box  
EXISTING  
SITE  
Electrical  
work BY  
OTHERS

RELOCATE  
STARTING  
POINT TO OTHER  
END

SOCCER  
KICK  
BOARD -  
relocate to  
outside of  
track

