



Certified Track Builder on Staff

BUDGET PROPOSAL

DATE: July 7, 2018

PROJECT: Stanley Public Schools Athletic Complex, Stanley, ND

SCOPE OF WORK:

The existing track shall be replaced with an 8-lane competition track meeting all State and National High School Federation tolerances. The track base shall be constructed using a post-tensioned concrete base. A new high jump, pole vault, long jump-triple jump runways, discus pad and shot put pad will be constructed new as well. All event areas will be constructed in concrete and the high jump will be post-tensioned concrete. A drainage system will be installed around the interior perimeter of the track and plumbed to daylight. The concrete track and event areas shall be surfaced with the polyurethane base mat system and the color-coded metric striping applied. An alternate for the structural spray will be considered as well in black or red. A 500-seat handicap accessible bleacher system will be installed on a concrete pad along with an 8 x 30 foot press box. New athletic field lighting will be installed using a 4-pole system. The playing field will not be disturbed. The owner will be responsible for electrical to within 150 feet of a pole, relocation of any sprinkler heads (if necessary), final seeding or sodding, landscaping issues as well as site demo as needed. It is anticipated that the owner will remove the current light poles, bleachers, and fencing (if needed) as the site plan develops.

BASE CONSTRUCTION:

This price shall include all survey, staking, demolition, reclamation, scarifying and compaction. Engineered stamped drawings and specifications for post-tensioned concrete track will be provided. Two layers of 6 mm plastic will be installed over properly prepared, graded and compacted subgrade. Post-tensioned cables and re-bar reinforcing will be utilized. Forms will be set in 4,000 psi concrete at 5 inch thickness and will be installed including an 8 inch by 12 inch perimeter beam on both radiuses. The cross-slope shall be at 1-1/2% from the outside of the track to the inside edge in a uniform plane with no greater deviation than 1/8th of an inch in 10 feet in any direction. The width of the concrete shall be 32.5 feet to accommodate the safety zone from the outside stripe to a perimeter fence. A transition, as staging area behind the 110s, will be provided at the northeast corner (also under tension) with the oval.

\$ 410,000.00

BASE CONSTRUCTION: Alternate Asphalt Installation

This estimate shall include a 6-inch stone base over a properly prepared and compacted subbase. The asphalt installation shall

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Fisher Tracks, Inc.

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be 4 inches in two 2-inch lifts. The size and shape of the track as well as the starting transition area will be the same as for post-tensioned concrete.

\$ 360,000.00

EVENT AREAS:

This price shall include construction of a concrete high jump using the post-tension concrete method of construction. The high jump will be 50 x 50. There will be a pole vault runway 5 feet x 131 feet including a plant box at each end. A long jump-triple jump runway will be constructed as depicted in the drawing. This is referred to as a slide-by runway. Each sandpit shall have an interior dimension of 9 feet in width and 28 feet in length and will be bordered in a concrete perimeter curb with two #4 rebar reinforcing. Fabric will line the pits and sand will have a depth of 12 inches minimum with 18 inch minimum in the center. One 10 x 10 discus pad and one 10 x 10 shot pad shall be installed.

\$ 76,000.00

DRAINAGE:

Fourteen drains shall be added around the interior of the track in a gentle swale constructed approximately 3 feet from the inside edge of the concrete base. There shall be four drains on each side and two within each radius, equally spaced. The drains will be located at each point of curve with two drains in-between. They shall be connected with 6-inch PVC pipe and subsequently connected to a 10-inch pipe underneath the track to egress. The materials will be by Advanced Drainage Systems (ADS) or equal.

\$ 37,000.00

SPORTS LIGHTING:

Price includes a 4-pole 70-foot mounting height and 50-foot candle light level system, meeting all I.E.S. Standards. There will be 4 poles at a 70 foot mounting height for a total length of 80 feet. There will be 15 prewired fixture cross-arms. There will be 60 1500-watt metal halide luminaries and 60 1500-watt metal halide lamps. Price includes the main distribution panel, all breakers, contactors, and switching. Each pole shall have its individual conduit and wiring sized accordingly so there will be no less than a 3% voltage drop. All wire will be copper-type THHN. Price is based on there being a 480 volt 3-phase service within 150 feet of the field.

\$ 195,000.00

ADD 8 LED 400-watt sport light. This is two 400 watt LED lights per pole for lighting track for public use.

\$ 8,800.00

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BLEACHERS AND PRESS BOX:

Price includes the elevated, angle-framed bleacher designed in accordance with the 2012 International Building Code. There will be one 10 row by 85.5 feet of elevated angle-frame bleacher. The total seating capacity will be 485. This is a net seating of 479 with 6 wheelchair spaces.

Price includes an 8 foot x 36 foot galvanized steel base frame for the press box with a prefabricated press box of 8 feet x 30 feet. The press box is finished on the inside and prewired.

Price includes concrete slab for bleacher, bleacher stairs, and ramps as well as foundations for press box.

\$ 180,000.00

SYNTHETIC RUNNING TRACK SURFACE:

Price includes application of a **Poly Mat 5K** – a cast-in-place, durable, resilient, all-weather, running track surface consisting of polyurethane bound rubber base mat per plans and specifications. The thickness of the rubber surface course shall be ½ of an inch minimum and shall be black in color per plans and specifications. Rubber shall be specifically graded SBR with a gradation of 0.5 to 4.0 mm.

Materials, equipment and installation by Fisher Tracks, Inc.

Price also includes the color-coded metric striping per the National Federation of State High School Associations.

Price includes the application to all event areas in addition to the 8-lane track at 29 feet of rubber.

\$ 105,000.00

ADD ALTERNATE FOR STRUCTURAL SPRAY:

Application shall include the polyurethane structural spray coating applied as a single component, MDI based binder mixed with a polyurethane base color paste of black. The entire base mat shall receive two structural spray layers consisting of 60% pigmented polyurethane structural spray binder and 40% EPDM colored rubber granulate graded to .5 to 1.5 mm in size. Each spray layer shall be applied uniformly at a rate of not less than 1.8 lbs. per square yard. The two layers shall be sprayed in opposite directions in order to achieve a uniform application. The total thickness of

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the rubber surface shall be ½ inch with a structural spray in black. Price will include installation of the Black Structural Spray to track and all event areas.

\$ 49,000.00

ADD for Structural Spray in Red in lieu of Black:

\$ 7,000.00

ADD ALTERNATE FOR TRACK PERIMETER FENCING:

Fencing shall be black fabric with powder-coated posts and caps. Fencing shall be 4 foot high and encompass the concrete track. There shall be two 6-foot wide (12 foot total) swing gates with center locking bar and there shall be three 3-foot wide pedestrian swing gates. Line posts will be 2 inches in diameter, terminal posts will be 2-1/2 inches in diameter and top, intermediate, rail and bracing will be 1-5/8ths in diameter. Fence posts will not exceed 10 feet on center and all fence posts will be drilled and driven a minimum of 48 inches deep.

\$ 33,000.00

****Prices do not include any Sales or Use Taxes.****

****Please add 1% if a Performance Bond is desired.****

****Priced through Cooperative Purchasing in North Dakota utilizing BuyBoard**

****Fisher Tracks, Inc. is a member of the American Sports Builders Association (ASBA) and has 3 Certified Track Builders (CTB) on Staff. Sam Fisher is a Certified Track Builder.****

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