

THE MOTZ GROUP

Innovators in High Performance Turf

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www.themotzgroup.com

TO: Ken Kushner, Anderson Township Park District
FROM: Zach Burns
DATE: May 12, 2009
RE: Riverside Park - Synthetic Turf Field

It was a pleasure for me and Joe Motz to meet with you and Mike Smith on May 5th to discuss your plans for a new synthetic turf system in Riverside Park. A Motz SportGrass-Green by Design™ synthetic field system would greatly compliment your already outstanding natural playing fields. This system is designed to be environmentally superior to traditional infilled synthetic turf fields, using raw products that are free of heavy metals, eliminating SBR rubber and incorporating components that are made from recycled components that would allow for recycling at the end of their intended life. It would also allow the Park District to increase field usage and bring football to Riverside.

As you and Mike pointed out during the meeting, the Park District has capable operators and heavy equipment that can be used during the excavation and base construction phase. We would be happy to allow you to excavate and construct the base. It is our understanding that your scope of work would include:

The new playing field area would replace the existing gravel parking lot and the set of natural fields adjacent to the parking lot. The grade has a slight crown running E/W and the new grade would be a slope of 0.5%.

Stripping of the existing organic layer, laser leveling of the subgrade to a tolerance of +/-0.1' and proof rolled. Dry wells would be drilled around the field perimeter to allow for the field to drain into the underlying gravel bed. These wells would be fed by a trenched perimeter line around the system.

The playing field's stone base foundation would consist of a compactable aggregate, such as 304s, or recycled crushed concrete constructed at a depth of 3". This foundation gravel would be laser graded to a tolerance of +/-0.06, with a planarity of +/-0.03 in any 20 linear feet.

A 6" by 8" concrete curb placed on 3" of crushed stone would be poured around the perimeter of the field creating a playing surface area totaling 164,000 sq ft (315' by 520'). A moisture resistant composite wood nailer beam would be attached to the interior face of the curb to create a turf termination anchor.

Estimated cost for this phase of construction would be near \$3.00 per sq ft or \$492,000.00. As you can see, utilizing the Parks Division crew on the project would create a substantial value to Anderson Township.

The Motz Group scope of work would include:

Provide detailed construction guidelines, product specifications, and on-going supervision during the base construction phase.

Perform the final laser grade and buffering of the base aggregate. Furnish and lay the moisture barrier on the compacted stone base. Install the ¾" recycled closed-cell foam shock attenuation pad with drainage channels.

The playing surface would be made using TenCate yarn; a high-quality monofilament product from the industry leading manufacturer of sport field fibers. Field markings would include yellow soccer lines and white football lines. Also, tick marks could be installed for temporary painting for other possible field configurations. The infill would be an environmentally inert product in a two-color blend of black and green granules. A PDF of the area is attached for your reference.

Because of its exceptional components and unique characteristics, this system comes with a 15% price premium over our normal rubber/sand infilled systems. Because Riverside Park would be the first field in the area to have our "green" system, we are willing to offer it to you at the same price as our traditional 24/7 system. We believe that Anderson Township Parks District would be an ideal first partner for this new, environmentally tuned product. The Motz Group project cost for our scope of work listed above, would come in at \$4.95 per sq ft or a project total of \$811,800.00 based on a finished area of 164,000 sq ft.

Thank you for the opportunity to meet and present this preliminary budget proposal for our SportGrass - Green by Design™ synthetic turf system. We look forward to continuing to work with you and Mike in any way we can be of help.

Best regards!

CC - Mike Smith

Mike Smith

From: Zach Burns [zburns@themotzgroup.com]
Sent: Friday, November 12, 2010 3:26 PM
To: Mike Smith
Subject: budgets

Mike –

Per our conversation: if we were to construct a turn-key full field system using our 24/7HP system (like Riverside's turf) a good starting point budget would be in the \$8.00 - \$8.25 sq ft range. That would assume favorable site conditions and drainage tie-ins.

Best,

Zach Burns
Sales and Marketing Director

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DATE: 5.21.10

TO: PAVESTONE CO.

ATTN: ED LINK

Project: ANDERSON TOWNSHIP PARK-Permeable Unit Paver System

Thank you for spreading the word about this exciting and effective method of storm water management, employing *Permeable Unit Paver Systems*.

As you are aware, this method of storm water management offers many advantages, a few are: control of short duration storm water runoff, reduction of downstream flooding, natural filtration and a reduction in overall development costs. We have prepared a preliminary cost estimate for your review. I would be available to meet with you or your client and discuss further our applications and methods, please call should you wish to meet.

Decorative Paving Company proposes to provide the following cost estimate per the stated scope for the above referenced project.

Scope, Furnish and Install:

8cm Uni- Permeable Concrete pavers installed, patterned to be determined by the mold configuration, color as selected from manufacturers standard color offering.

2" 3/8" chips setting bed.

3/8" chips to fill open voids.

All equipment necessary to install above.

PRICE: \$3.65/sf (for the installation of 49,200 sf of paved surface)

Other Provisions and Exclusions:

Concrete curbs by others.

Excavation of paved area by others.

Installation of base/storage area by others.

Layout points and elevations provided by others.

Access to be provided by others.

Drainage pipes and/or storm water hookups if required not included in above pricing.

Generally, if the base profile is 12" of #2" stone and 4" of 3/4" crushed washed stone the cost to furnish and install is approximately \$2.60 to 2.75/sf. At 16" gravel base, the total project would give you approximately 31,000 cubic feet of storage. The storage capacity can be adjusted by increasing the depth of the gravel.

When comparing cost to other systems make sure they consider the reduced cost for underground storm water piping, catch basins, curb and gutters and all other cost related to conventional storm water management and asphalt parking lot construction. Also, because of the storage capacity of the gravel base you can eliminate the need for retention/detention ponds. Other benefit when using the pavers are high curb appeal and a paved surface with a 30 life cycle cost.

Decorative Paving Company have installed are in the process of installing over 750,000sf of Permeable Unit Pavers Systems and have worked with many municipalities that have concerns about both the management aspect and water quality issues, both of which were addressed once the projects were completed.

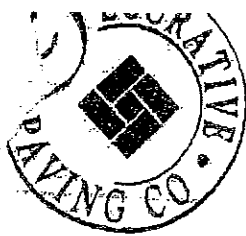
Hopefully they will be able to employ this System with this project and many more in the very near future. Please call if you have any questions or need additional cost information. We greatly appreciate your sale efforts.
Thanks.

RESPECTFULLY:

Kevin Piers



*39 Glendale Milford Road
Loveland, Ohio 45140
800.972.8370*



DATE: 10.22.10

TO: ANDERSON TOWNSHIP PARK DISTRICT

ATTN: MIKE SMITH

FAX: 513.338.2494

39 Glendale-Milford Road
Loveland, Ohio 45140

(513) 576-1222

Fax (513) 576-1210

(800) 972-8370

Project: RIVERSIDE PARK PERMEABLE UNIT PAVER SYSTEM

Mike, if we were to bid the project per the states scope below to a general contractor and they would provide all excavation and removal of excavated soils off site it would be as follows:

Decorative Paving Company proposes to provide the following cost estimate per the stated scope for the above referenced project.

Scope, Furnish and Install:

8cm Concrete pavers installed, patterned to be determined by the mold configuration, color as selected from manufacturers standard color offering.

12" of #2's compacted to proper grade.

4" of washed 57's compacted to proper grade.

2" 3/8" chips setting bed.

3/8" chips to fill open voids.

Concrete curbs and walk installed per specification.

ADA pavers, parking bumpers and parking lot stripping as per specification.

Top soil back fill and grading behind curbs.

All equipment necessary to install above.

PRICE: \$388,900.00

Other Provisions and Exclusions:

Excavation of paved area by others.


Access to be provided by others.

Drainage pipes and/or storm water hookups if required not included in above pricing.

All permits, inspection fees and testing by owner.

Please give me a call if you have any questions.

RESPECTFULLY:


Kevin Piers

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Hardscape Designs Since 1978