



Sydney Tar Ponds Agency  
1 Inglis Street  
PO Box 1028, Station A  
Sydney, NS B1P 6J7  
Telephone: (902) 567-1035

**Date:** August 10, 2012  
**To:** ALL BIDDERS  
**Subject:** Addendum 006  
**Pages:** 11

**ADDENDUM # 006  
Tender # STPA2008S-42  
Post Remediation Site Redevelopment-Former Tar Ponds Site,  
Sydney, Nova Scotia.  
for the Sydney Tar Ponds Agency**

The following is to be noted in the document referenced above:

**Please find answers to questions received on August 8, 2012**

- 1. Please be advised that the radii on the soccer field should be 9.15M and not as noted. Also the dash marks should be 9.15M from the corners and not as noted; in fact, most of the striping around the goals are not consistent with the rules book - this taken from The FIFA Laws of The Game. Are the technical area stripes required? 104mm wide?**

Dimensions will be revised to 9.15 M, as will other dimensions. [Note that FIFA Laws of The Game 2011-2012 gives the measurements in both metric and imperial units, stating 9.15 M (10 yds). This is the case for all measurements given by FIFA. The detail drawings for the soccer field were originally drawn in imperial measurements (yards) and converted to metric (i.e. 10 yards converts to 9.1435 M). Both field layout systems are correct as shown in FIFA Laws of The Game.]

Technical area stripes are not required.

- 2. Please advise on the movement of slag by the owner - will the owner be able to provide constant supply so that there would not be any down time for the machine controlled equipment when placing and grading this material. EG:the gear will basically place to grade a 30M^3 load in 10- 15minutes so would there be ample capacity to maintain this regime?**

Yes the owner will be able provide constant supply of slag.

- 3. The specification Section 11 68 33 describes sports equipment but there are no quantities for the player's benches. Please advise.**

Delete the following from specification Section 11 68 33, Article 2.4 Players Benches:



## Notice of Addendum STPA Form F 60800 (2008)

- .1 Players benches to be Evolution Team Shelter, Model 9B401 by Kwikgoal LTD., Mr. Roch Robichaeu, 1-877-468-4950 or approved equal.

Add the following to specification Section 11 68 33, Article 2.4 Players Benches:

- .1 Provide eight (8), portable, 21' long Single Tier Aluminum Benches with back rests as manufactured by Sportsfield Specialties, Inc., PO Box 231, 41155 State Highway 10, Delhi, NY 13753 (607-746-1460) or approved equal.
- .2 Benches shall be powder coated. Color shall be selected from the manufacturer's standard colors.

### **Please find answers to questions received on August 9, 2012**

- 1. We would like to request approval to install the RTS 6" Extruded Rubber Nailer/Edger instead of the concrete nailer/edger as specified. Here are the reasons :1) with the site being an infilled site, the rubber nailer provides a measure of flexibility to the edger in case of settlement. 2) The RTS rubber edger has successfully been used across the continent for many Turf installations 3) The product is manufactured in Nova Scotia from regional recycled tires and installed by Nova Scotians 4)The price is a fraction of the cost of the specified concrete nailer/edger.5)Nailing of turf to it is far easier than to concrete.6)Product is coated on site with UV retardent 7) Installation time is 2 days , start to finish.**

Please refer to attached Substitutions Specification as attached to Addendum 5.

- 2. I believe that the dimensions for this field per Addenda 5 are misleading at 12,024M<sup>2</sup>. The actual size of the turf field is more in the range of 12,760M<sup>2</sup>.**

Using the AutoCad drawing bid set the field checked out at 12,024 square meters. The contractor may be taking the dimensions shown on sheet AF-01 and roughly multiplying length x width to get approximately 12,760 square meters. Note that each of the rounded corners is roughly 200 square meters that does not get synthetic turf (200 x 4 = 800 square meters).

- 3. We require additional information/ explanation regarding pay items 8, 9 and 10. Additional cap fill materials shown on cross sections, Drawing CS-02. What is the spec and under what item is payment?**

The first 50 feet along each side of the channels will have topsoil approximately 4 inches in thickness. The South Pond has topsoil 4" thick with approximately a third of the area without topsoil. That topsoil is stockpiled on site as is the remainder of topsoil for the phase 2 and 3 area.

Additional cap fill material as shown on cross section on drawing CS-02 will already be in place and is part of current contractor's scope of work under the TP7 project element.

- 4. We would like to request a 1 week extension to closing date of August 17<sup>th</sup>, 2012.**

The closing date, as issued in Addendum 3, will remain unchanged.

**Please find answers to questions received on August 10, 2012**

- 1. Refer to drawing GD-04, there appears to be a conflict between the Major contour and the minor contours.**

The minor contours shown on GD-04 in one-tenth of a meter contours is the existing condition that will be left for the contractor of this tender package.

- 2. When will the three bridges be required to be on site?**

Bridge No. 2 is N.I.C. (Not in Contract). Retrofitting of the existing bridge in this location will be issued at a later date. Bridges No. 3 & 4 shall be completed and open to the public for use by August 31, 2013.

- 3. Can we get a list of plan takes and bidders on the project?**

A list has been provided on the Sydney Tar Ponds Agency website along with all Addenda.

- 4. There seems to be missing sections in the specification document that relate to what has to be done to the rail cars as it relates to refurbishment. It seems to indicate that the cars are to be painted but there is no mention to what or how this is to be done. Is the entire car to be painted and sand blasted inside and out and is there multiple colors that have to be incorporated in the finished product. The sections that are missing are 12 14 27 and 12 14 30.**

Refurbishment of the rail cars shall be removed from the scope of work. The scope of work for the rail cars shall be limited to the fabrication and installation of the rail track bed and moving the rail cars onto the site. Refurbishment will be completed at a later date.

Delete the following from specification Section 12 14 29, Article 1.2 Related Work:

- .1 Section 12 14 27 – Salvage and Place Relics.
- .2 Section 12 14 30 – Salvage and Place Rail Car

Owner shall arrange for delivery of the rail cars to the project site. The contractor as part of Section 12 14 29 shall coordinate with the Owner the moving of four (4) existing rail cars onto the project site. Contractor shall arrange for and provide crane on site capable of placing the rail cars on the track bed and anchoring the cars in place either by brackets.

- 5. The following 3 items need clarification. Formation of sub grade 35,000 m<sup>2</sup>, Slag Base material 6,300 m<sup>3</sup> and Slag Landform Material Lump Sum. There is no way to get an accurate volume of material that is require to shape the desired sub grade for the entire area especially the Slag Landform Material. These items could have been solidified into one item based on m<sup>3</sup> so that bidders can get a scope of magnitude on the required effort to complete this work. As it stands now, you have 3 separate items all in different pay methods which is extremely difficult to price and to understand what kind volumes of material there is to work with.**

Formation of Subgrade is only under the trails, parking lots, driveways, pavements, building, and railroad tracks. It includes the compaction of the existing subgrade as left by the TP7 contractor. The contractor for this tender package shall add slag material or other material to raise the grade where required and compact this material under the Slag Base material item and under the Slag Landform material item.



## Notice of Addendum STPA Form F 60800 (2008)

- 6. There seems to be an error in quantities in the water, storm and sanitary units, all tendered lengths are high. Also the unit for measurement seems to be a linear measurement of the entire system which would include all manholes, catch basins, valves etc. So we are forced to complete the takeoff in its entirety and then relate it to the tendered lengths. The big issue here is if the unit lengths are wrong and we only get paid the actual total unit lengths ( which looks to be significantly smaller) the remainder of the quantities would include items like MH, CB and valves worked into the price per meter and there would be no way to be compensated for these items that were installed.**

Bidders are to use the quantities as indicated on the bid form for pricing and include all other items required such as manholes and catch basins in their bid price. Any required changes to the quantities will be adjusted through a change order with the successful bidder.

- 7. There is a requirement for security after hours and weekends. What is expected through the winter months if no work is being done?**

Contractor is expected to provide adequate security to secure the site and their equipment from vandalism and thief during the winter months. Contractor is also expected to provide adequate security to secure the site to provide for public safety.

- 8. Could you please tell me who we would write to for approval on bleachers?**

Please refer to attached Substitutions Specification as attached to Addendum 5.

### **Additional Item Clarification**

- 1. Delete Specification Section 32 18 16.13 Playground Resilient Safety Surfacing from the tender package and replace with the following attached specification Section 32 18 16.13 Playground Resilient Safety Surfacing.**

These changes or clarifications will not require a revision to the Closing Date and Time, or other dates given in the Addendum 3.

In your bid, please indicate that you have noted this change by including the words "Includes Addendum # 006" on your *Bid Form*. If there are more than one (1) Addenda issued for this tender, please acknowledge each separately on your *Bid Form*.

Yours truly,

Dawn MacNeil  
Contract Manager  
Phone: (902) 567-6746  
Fax: (902) 567-1037



**Notice of Addendum STPA Form F 60800 (2008)**

Email: [dawn@tarpondscleanup.ca](mailto:dawn@tarpondscleanup.ca)

Part 1 General

1.1 DESCRIPTION

- .1 Under these items, the Contractor shall furnish and install Safety Surfacing Colored in accordance with the plans, specifications and directions of the Owner's Representative.
- .2 The safety surfacing shall be installed as soon as possible after the play equipment installation is complete. The Contractor shall be responsible for temporarily barricading the Play Equipment prior to completion of the safety surfacing installation.
- .3 In general, mats shall be utilized according to ASTM F1292-04 (or latest issue) drop height criteria as follows: tot unit play areas shall be surfaced with mats which meet or exceed 6 foot drop height criteria; eight foot high play swing areas shall be surfaced with mats which meet or exceed 8 foot drop height criteria; all other areas shall be surfaced with mats which meet or exceed 8 foot drop height criteria.

1.2 STANDARDS

- .1 All safety surface material shall meet the latest suggested guidelines published by the American Society for Testing and Materials (ASTM) as outlined below in Article 1.3 Testing.

1.3 TESTING

- .1 Safety surfacing must meet the following test requirements and criteria:
  - .1 Shock Absorbency - in accordance with ASTM F1292-04 (or latest issue)
  - .2 Weathering (Aging) - in accordance with ASTM C67, "Freezing and Thawing", ASTM D573, "Rubber Deterioration in an Air Oven", then the same sample shall be re-

END

1.3 TESTING  
(Cont'd)

- .1 (Cont'd)
- .2 Weathering (Cont'd)  
tested in compliance with ASTM  
F1292-04 at 22 degrees C (72  
degrees F) only. A peak  
deceleration reading not exceeding  
200G's shall be maintained.
- .3 Slip Resistance - in accordance  
with ASTM E303, the wet-dynamic  
reading shall not be less than 40.
- .4 Flammability - in accordance with  
ASTM E648

1.4 ADDITIONAL TESTING

- .1 The Municipality reserves the right to  
make any additional tests it feels  
necessary, and the Contractor shall  
furnish material when needed for  
testing.

1.5 SUBMITTALS

- .1 All submittals shall be submitted and  
approved prior to manufacture and  
installation.
- .2 For approval prior to installation, the  
Contractor shall submit two samples of  
each drop height specified of the safety  
surface material no larger than one foot  
by one foot (1' x 1') in size.
  - .1 Samples shall represent color,  
material composition and thickness  
proposed to be used, the drop  
height used, and the supporting  
certified test data showing that  
the material meets or exceeds the  
test requirements of this  
specification.
  - .2 In addition, all anchoring /  
attachment components and product  
literature for necessary adhesives  
which vary from pre-approved  
adhesives shall be submitted for  
approval.

1.5 SUBMITTALS  
(Cont'd)

---

- .3 A Shop drawing of the proposed safety surfacing layout shall be drawn in 1/4" = 1'-0" scale and shall clearly show the following details:
- .1 Actual size of mats or modular tiles;
  - .2 Size of transition pieces;
  - .3 Size of cut pieces, if any;
  - .4 Location of all mechanical anchors, rods, or clips;
  - .5 Type of adhesive to be used;
  - .6 And exact location of all play equipment, posts, springs or other support systems.
  - .7 As-built deviations from the proposed safety surfacing layout made during installation shall be approved in the field by the Owner's Representative in writing on the shop drawing.
- .4 Installation of all types of safety surfacing, including adhesives, shall be per manufacturer's instructions which shall be submitted and subject to approval by the Owner's Representative.
- .5 Installer must be trained and certified by the manufacturer. Installer's certification on manufacturer's letterhead shall be submitted to the Owner's Representative.
- .6 The Contractor shall furnish a Manufacturer's Certificate of Product Liability Insurance for a minimum of one (1) million dollars naming the "Sydney Tar Ponds Agency" as Additional Insured.
- .7 The Contractor shall furnish Manufacturer's warrantee as follows: For three full years, starting from the date installed, Manufacturer agrees to reinstall or replace material which shrinks, creating a gap between mats of more than one-half (1/2") inch. Measurement shall be performed in an ambient temperature of 72o F + 5o F.



- 1.5 SUBMITTALS .8 The Contractor shall submit the safety  
(Cont'd) surfacing manufacturer Maintenance and  
Repair Instructions including graffiti  
removal instructions.

Part 2 Products

- 2.1 MATERIALS (TYPE A) .1 Product: "SoftTILE KrosLOCK" 610mm x  
610mm (24"x 24") x 100mm (4") thick 90%  
color "premium" tile as manufactured by  
SofSurfaces Inc., P.O. Box 239,  
Petrolia, ON Canada, Phone: (800) 263-  
2363, in the designated fall heights as  
shown on Drawings.
- .2 Or approved equal.  
.1 Note: Premolded synthetic  
polyurethane safety surfacing  
consisting of rubber crumbs bound  
together with a polyurethane  
binder and/or poured in place  
safety surfacing are not acceptable  
under this Article (2.1) of the  
specification.
- .3 Adhesives: Adhesives shall be  
furnished by the tile manufacturer OR  
as recommended by the tile manufacturer.  
Any variation from tile manufacturer-  
approved adhesives must be submitted as  
per "Submittals".
- .4 Colors: Comply with specification  
Section 01 43 35 - Material and Product  
Color & Finishes Schedule and with the  
Drawings and Details.
- .5 Thickness: All safety tiles installed  
shall conform to the playground's  
maximum critical fall height. All tiles  
shall be 100mm (4") thick as recommended  
by manufacturer's specifications.

2.2 MATERIALS (TYPE B)

- .1 Product: PebbleFlex® surfacing system for playgrounds.
- .2 Top Layer Materials
  - .1 PebbleFlex® two-component aromatic polyurethane primer
  - .2 PebbleFlex® aliphatic thermoplastic polyurethane pebbles
  - .3 PebbleFlex® two-component aliphatic polyurethane binder
  - .4 PebbleFlex® clear two-part aliphatic polyurethane grout in high-wear areas.
  - .5 Color: See Article 2.2.6 below.
- .3 Impact Layer
  - .1 The impact layer is to be made of foam and rubber.
  - .2 The foam material shall be 100 percent recycled cross-linked closed cell polyethylene foam that is heat sealed together.
  - .3 The rubber is to be select SBR rubber strands of not more than 1 inch in length.
- .4 Equal Materials: The PebbleFlex pebbles are an aliphatic thermoplastic polyurethane pebble. The system is 100 percent color throughout. The two-part PebbleFlex binder is 100 percent solid aliphatic.
  - .1 Any equal product must be urethane based, not rubber based such as EPDM or TPV, must include an aliphatic polyurethane binder and must be 100 percent color throughout.
  - .2 Any black rubber recycled material is not considered equal.
- .5 Finish Texture: Pebble grain.
- .6 Color:
  - .1 See specification Section 01 43 35 - Material and Product Color & Finishes Schedule.
  - .2 The colors shall be as indicated in the specifications and drawings, submitted as samples,

- 2.2 MATERIALS (TYPE B) .6 Color: (Cont'd)  
(Cont'd) .2 (Cont'd)  
and mixed on site to the ratios in  
the samples.

Part 3 Execution

- 3.1 INSTALLATION .1 Installation of all types shall be in  
accordance with CPSC guidelines and  
manufacturers installation instructions  
approved by the Owner's Representative. The  
safety surfacing should not create new  
hazards; hence, all installations shall be  
done as carefully as possible in a neat and  
workmanlike manner.
- .2 All safety surfacing shall be recessed with  
the top flush with surrounding curbs and  
finish grades.
- .3 Installation of both types (Materials Type A &  
B) of playground safety surfacing is to be in  
accordance with manufacturer's specifications  
and instructions.
- 3.2 EXTRA MATERIALS .1 The Contractor shall furnish (furnish only,  
not install) extra materials and deliver to  
the Sydney Tar Ponds Agency as follows:
- .1 Extra rubber safety tiles: the  
contractor shall supply one (1)  
additional complete tile for every ten  
(10) tiles of each color installed (10  
percent of installed tiles).