



~~ITEM 7  
DIRECTOR'S REPORT NO. 8  
COMMISSION MEETING 96/04/17~~

**SUBJECT: SWANGARD STADIUM REFURBISHING PROJECT**

**RECOMMENDATIONS:**

1. THAT a contract be awarded to the lowest bidder, Astroturf Surface Canada Ltd., to provide and install a sport surfacing system as outlined in this report for a total cost of \$517,239.07, including GST.
2. THAT Council be requested to concur.

**REPORT**

The sport surfacing tender of the Swangard Stadium Refurbishing Project closed 1996 March 21. Three tenders were received. The tenders were structured to receive prices for a full pour polyurethane system, a sandwich system, a structural spray system, or an alternative surfacing product. The base price was for a minimum 13 mm thickness. Alternative prices were received for a 15 mm thickness on full pour polyurethane and the sandwich system. Separate prices were received for painting the lines and providing portable curbing. Also included in the tender document were options to give price reductions if more than one contract were to be awarded to a prospective company. This was achieved due to the fact that Johnston Sport Architecture represented three clients whose tenders closed on the same day.

In order to compare all tenders on an equal basis, included as part of the analysis are the amount of material product provided, per unit thickness ratio of polyurethane to rubber granules, and the cost per unit mass per unit thickness (Attachment #1).

Based on this analysis and price comparison, Johnston Sport Architecture recommends that Astroturf Surface Canada Ltd. be awarded the contract to provide and install a 15 mm sandwich system and to provide line painting based on IAAF standards. Astroturf Canada was the low bidder on all options and alternate prices (Attachment #2).

**Reference Checks**

Astroturf Surface Canada Ltd. is partnered with Defargo who have installed track surfaces in Langley, Chilliwack and Penticton. These municipalities are satisfied with their respective installations. Defargo has been installing track surfaces for 15 years across North America. The company was requested and has provided a 2 year bonded warranty in addition to the usual company warranty, which is 3 years, for a total of 5 years.

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The company has verified the polyurethane used in the installation will meet DIN standards.

The user groups have reviewed the submissions from a performance perspective. They have agreed that a 15 mm sandwich system will accommodate the allowable spike lengths for both running and jumping events.

**Financing**

A Capital Expenditure Bylaw is in place for the total cost of the Swangard Stadium Redevelopment Project. This Bylaw includes a \$600,000 portion to be allocated for the sport surfacing. The project costs are included in the 1996 - 2000 Annual Capital Budget. The actual net cost of the sport surfacing is \$483,401 (after GST rebate).

The Purchasing Agent concurs with this recommendation.

KF:mc/ps  
Attachments (2)

cc: Director Finance  
Purchasing Agent  
City Solicitor

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ATTACHMENT #1

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SWANGARD REDEVELOPMENT  
 TENDER ANALYSIS

Tenderer	Tender Amount	Material/Unit Area (kg/mm/sq. m.)	Material Unit Thickness (kg/mm/sq. m.)	Ratio Polyurethane Granules	Cost/sq. m.	Cost/kg/mm/sq. m.	Comments
<b>Base Tender Option 1</b>							
Aggressive Roadbuilders	\$622,725.00	16.45	1.265	1.55	\$90.25	\$0.42	estimated area = 6900 sq. m.
Astrourf Canada	\$570,290.00	16.25	1.25	1.24	\$82.65	\$0.39	estimated area = 6900 sq. m.
Mondo America Inc.	no tender						
<b>Base Tender Option 2</b>							
Aggressive Roadbuilders	\$486,450.00	15.35	1.181	0.406 (base) - 1.214 (top)	\$70.50	\$0.35	estimated area = 6900 sq. m.
Astrourf Canada	\$469,062.00	14.65	1.127	0.223 (base) - 1.236 (top)	\$67.98	\$0.36	estimated area = 6900 sq. m.
Mondo America Inc.	no tender						
<b>Base Tender Option 3</b>							
Aggressive Roadbuilders	\$359,800.00	12.15	0.935	0.237	\$52.00	\$0.33	estimated area = 6900 sq. m.
Astrourf Canada	\$347,019.00	12.77	0.982	0.22 (base) - 1.736 (top)	\$50.29	\$0.30	estimated area = 6900 sq. m.
Mondo America Inc.	no tender						
<b>Alternate Base Tender</b>							
Aggressive Roadbuilders	\$448,500.00	15.85	1.219	0.362 (base) - 0.714 (top)	\$65.00	\$0.32	estimated area = 6900 sq. m.
Astrourf Canada	\$439,642.00	15.65	0.982	0.22 (base) - 0.736 (top)	\$63.71	\$0.31	estimated area = 6900 sq. m.
Mondo America Inc.	\$457,490.00	no information	no information	no information	\$59.80	no information	estimated area = 7650 sq. m.

**SWANGARD STADIUM  
BURNABY, BRITISH COLUMBIA**

ATTACHMENT #2

**RECOMMENDED TENDER AWARD  
SUMMARY**

April 12, 1996

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Recommended tender award:

Company: **Astroturf Surfaces Canada Ltd.**

<u>Tender Details</u>	<u>Cost Summary</u>
Base Tender Option 2 - Sandwich System	\$469,062.00
Alternate Price #2a - Additional track award	(\$11,000.00)
Alternate Price #4 - 15 mm Thickness	\$14,539.00
Separate Price #1 - Event Marking	<u>\$10,800.00</u>
Sub-Total	\$483,401.00
Goods and Services Tax	\$33,838.07
<b>Total Contract Award</b>	<b>\$517,239.07</b>

Other tender submissions received included:

Company: **Aggressive Roadbuilders Limited**

<u>Tender Details</u>	<u>Cost Summary</u>
Base Tender Option 2 - Sandwich System	\$486,450.00
Alternate Price #2a - Additional track award	(\$0)
Alternate Price #4 - 15 mm Thickness	\$38,000.00
Separate Price #1 - Event Marking	<u>\$10,000.00</u>
Sub-Total	\$534,450.00
Goods and Services Tax	\$37,411.50
<b>Total Contract Award</b>	<b>\$571,861.50</b>

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Company: **Mondo America Inc.**

Tender Details Cost Summary

Mondo America Inc. did not submit a tender relative to the Base Tender Option 2. Instead, an Alternate Base Tender was voluntarily submitted. This tender was evaluated along with all other tender options, but the system proposed was not preferred by the sports representatives and therefore was removed from further consideration.

Respectfully Submitted,



Robert J. Johnston MRAIC, MAAA, MAIBC  
Principal  
Johnston Sport Architecture