



Report to: General Committee

Date Report: February 5, 2016

SUBJECT: Award of RFP 271-R- 15 Contract Administration and Construction Inspection Services for West Thornhill Flood Control Implementation Projects – Phases 2A & 1C

PREPARED BY: Prathapan Kumar, Senior Manager, ROW Assets, Ext. 2989
Flora Chan, Senior Buyer, Ext. 3189

RECOMMENDATIONS:

- 1) THAT the report entitled “Award of RFP 271-R-15 Contract Administration and Construction Inspection Services for West Thornhill Flood Control Implementation Projects – Phases 2A & 1C” be received;
- 2) AND THAT the contract for Proposal 271-T-15 Contract Administration and Construction Inspection Services for West Thornhill Flood Control Implementation Projects – Phases 2A & 1C be awarded to the highest ranked, second lowest priced Bidder, R.V. Anderson Associates Limited, in the amount of \$496,112.56, inclusive of HST;
- 3) AND THAT a 10% contingency in the amount of \$49,611.25, inclusive of HST, be established to cover any additional construction costs and that authorization to approve expenditures of this contingency amount up to the specified limit be in accordance with the Expenditure Control Policy;
- 4) AND THAT the contract administration services award in the amount of \$545,723.81 be funded from the following capital projects; 1) 058-6150-16210-005 “West Thornhill Flood Control Construction - Phase 2A” and 2) 053-5350-16246-005 “Watermain Construction and Replacement Program” as outlined under the financial considerations section of this report;
- 5) AND THAT Staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

The purpose of this report is to obtain Council approval to award for contract administration and construction inspection services for West Thornhill Flood Control Implementation Project - Phase 2A (Grandview Area) and Phase 1C (Canadiana Drive).

BACKGROUND:

Stormwater flood control implementation strategy was approved by Council on November 8, 2011 for the West Thornhill area in accordance with the City’s November 2010 Class EA Study. The City-wide Flood Control Program is a 30 year program with an estimated cost of \$234M - \$288M (2014 dollars). The first phase (1A, 1B & 1C) of the remediation includes storm sewer capacity upgrades in the Bayview Glen neighbourhood and the second phase (2A, 2B, 2C & 2D) includes the Grandview area. Phase 1A has been substantially completed as of December 2015 and Phase 1B will be substantially completed by August 2016.

The estimated construction period of Phase 2A is 32 work weeks and Phase 1C is 20 work weeks.

OPTIONS/ DISCUSSION:

Bid Information:

Advertised	ETN (Electronic Tendering Network)
Bids closed on	December 17, 2015
Number picking up the Bid document	16
Number responding to the Bid	7

Proposal Evaluation:

The Evaluation Team was comprised of staff from the Asset Management department and facilitated by staff from the Purchasing department. Due to the complexity of the project, staff wanted to ensure that bidders had the necessary qualifications and experience to carry out the work and as such, the City released this RFP utilizing a two-stage, two-envelope system.

Stage One (1) – Technical Evaluation:

Under Stage 1 – Technical Evaluation (Envelope ‘A’), Bidders were assessed against pre-determined criteria as outlined in the RFP; Experience/Past Performance of the consulting firm 20%, qualifications and experience of the project manager and team member 30% and project delivery 20% totaling 70%. Bidders that did not achieve a technical score of 52.5 points out of 70 would not proceed any further and their Envelope ‘B’ – Price Evaluation would be returned unopened.

Stage Two (2) – Price Evaluation:

Under Stage 2 – Price Evaluation (Envelope ‘B’), Bidders who met the mandatory requirements and achieved a total technical score of 52.5 points or greater out of 70 points were assessed out of 30 points based on their Bid Price. The highest ranked bidder was determined by adding the points awarded under Stage 1 – Technical Evaluation and Stage 2 – Price Evaluation.

Company	Stage 1 Technical Evaluation (70 points)	Stage 2 Price Evaluation (30 points)	Total Score (100 points)	Overall Ranking
R.V. Anderson Associates Limited	58.6	27.6	86.2	1
AECOM Canada Ltd.	52.7	30.0	82.7	2
MMM Group Limited (WSP)	46.9	0.00*		3
Stantec Consulting Ltd.	43.1	0.00*		4
EXP Services Inc.	42.6	0.00*		5
Chisholm, Fleming and Associates	38.6	0.00*		6
Morrison Hershfield Limited	34.4	0.00*		7

*Bidders that did not achieve a technical of 52.5 points or higher had their price submission (Envelope ‘B’) unopened. The prices ranged from \$458,925.39 to \$496,112.56.

The highest ranked consultant R.V. Anderson Associates Limited demonstrated a good understanding of the project, had an experienced and qualified project team and illustrated a comprehensive plan and methodology for the project. RV Anderson was previously awarded the detailed design contract for Phase 1 and 2 (247-R-11 & 217-S-14) and the contract

administration contract for Phase 1B (213-T-14) and has good familiarity with the work involved.

Project Schedule:

Phase	Anticipated Commencement	Anticipated Substantial Completion
Phase 2A – Grandview Area	May 1, 2016	August 2017
Phase 1C – Canadiana Road	June 1, 2016	December 2016

FINANCIAL CONSIDERATIONS AND TEMPLATE:

The following table summarizes the financial considerations:

	Storm	Water	
Budget Available for this Project (A)	\$439,603.00		1) 058-6150-16210-005 “West Thornhill Flood Control Construction - Phase 2A”
		\$273,396.00	2) 053-5350-16246-005 “Watermain Construction and Replacement Program
Less: Contract Administration Services	\$247,570.74	\$248,541.82	} Awarded to R.V. Anderson Associates Ltd. (271-R-15)
Less: Contract Administration Services Contingency (10%)	\$24,757.07	\$24,854.18	
Total Cost (B)	\$272,327.81	\$273,396.00	
Budget Remaining (A – B)	\$167,275.19	\$0.00	

Note: Figures above includes HST impact

The remaining \$167,275.19 will be required to retain specialist consultants such as Environmental, Geomorphologist and Arborist. Any budget remaining after awarding of the specialist consultants will not be required from the Stormwater Fee Reserve.

ALIGNMENT WITH STRATEGIC PRIORITIES:

The proposed flood remediation program is in line with City’s goal to provide better quality services to the public and is consistent with the Building Markham’s Future Together strategic priority on the “Growth Management” and “Environment” as it considers sustainability on the built environment.

BUSINESS UNITS CONSULTED AND AFFECTED:

Finance department has been consulted and their comments have been incorporated.

RECOMMENDED BY:

03/03/2016

3/3/2016

X 

Phoebe Fu
Director, Asset Management

X 

Brenda Librecz
Commissioner, Fire & Community Services

ATTACHMENTS:

Attachment - <\\sharepoint.markham.ca\DavWWWRoot\ert\General Committee\271-R-15 Attachment A Location Map for 2A and 1C.pdf>