

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF APRIL 21, 2015**

Item 17, Report No. 17, of the Committee of the Whole, which was adopted, as amended, by the Council of the City of Vaughan on April 21, 2015, as follows:

***By approving the following:***

***That the consultant consider the following additional priorities of Vaughan Council:***

- 1. That acknowledging the fact that Teston Road is a regional road, however, the missing link between Dufferin and Keele is an essential component to the Northern Vaughan area and should be constructed as soon as possible and considered as part of this EA. Teston Road has an interchange on Hwy 400, and that infrastructure improvement needs to be utilized more efficiently;***
- 2. That interchanges on Hwy 400 at Kirby Side Road and King Vaughan Line should be considered and planned; and***
- 3. That further to Communication C13 from the Committee of the Whole meeting of March 14, 2015, the consultant and/or staff should be directed to work with the landowner along the Kirby unopened road allowance between Dufferin Street and Bathurst Street with a goal to having the missing link constructed by Fall of 2018 if possible.***

**17**

**AWARD OF REQUEST FOR PROPOSAL 15-064  
SELECTION OF CONSULTANT FOR NORTH VAUGHAN AND NEW COMMUNITIES  
TRANSPORTATION MASTER PLAN (NVNCTMP)  
WARD 1, 3, 4 – NORTH OF MAJOR MACKENZIE DRIVE**

**The Committee of the Whole recommends approval of the recommendation contained in the following report of the Commissioner of Public Works, the Commissioner of Planning and the Director of Development Engineering and Infrastructure Planning Services, dated April 14, 2015:**

**Recommendation**

The Commissioner of Public Works, the Commissioner of Planning and the Director of Development Engineering and Infrastructure Planning Services, in consultation with the Director of Transportation Services and Parks & Forestry Operations, the Director of Purchasing Services, the Acting Director of Policy Planning and the Director of Financial Planning & Analytics, recommend:

- 1. That HDR Corporation, the successful consultant, be retained to provide the necessary transportation planning, engineering and project management services to complete the North Vaughan and New Communities Transportation Master Plan at an estimated cost of \$309,758.00 plus applicable taxes and administration recovery with funding from approved Capital Project DE-7156-15;**
- 2. That a 15% contingency allowance of \$46,464.00 for the North Vaughan and New Communities Transportation Master Plan study be approved, within which the Commissioner of Public Works or his designate is authorized to approve amendments to the Contract with HDR Corporation; and**
- 3. That the Mayor and Clerk be authorized to sign the necessary agreements and documents in connection with the study and the approved Capital Project DE-7156-15 New Community Areas Transportation Study (Block 27 and 41).**

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#### **Contribution to Sustainability**

Consistent with goals and objectives of the City's Community Sustainability and Environmental Master Plan (Green Directions Vaughan), North Vaughan and New Communities Transportation Master Plan will contribute to:

- Developing a transportation network that is more permeable in the North Vaughan Area, especially within new community areas and connecting them to the greater transportation network, which supports mixed uses and densities to create a City with sustainable built form (Objective 2.3.1)
- Establishing a plan for pedestrian and bicycle facilities in the North Vaughan and New Communities area in accordance with the criteria outlined in the City's approved Pedestrian and Bicycle Master Plan to ensure that Vaughan is a City that is easy to get around in with low environmental impact (Objective 3.1)
- Developing a plan as part of the transportation strategy to establish a potential GO station which will support efficient and accessible public and private transit (Objective 3.2)
- Developing an integrated transportation system for all modes of transportation, ensuring investment in transportation infrastructure will benefit the city's economic vitality, creating a vibrant community where citizens, business and visitors thrive (Objective 4.2).

#### **Economic Impact**

In April 2015, Council approved Capital Project DE-7156-15 New Community Areas Transportation Study (Block 27 and 41) in the amount of \$515,000 with funding from City-Wide Development Charges (Engineering), for the completion of this study. Based on the results of the Request for Proposal process, the undertaking of the North Vaughan and New Communities Transportation Master Plan is estimated to cost \$405,900 including 15% contingency allowance, applicable taxes and administration recovery (RFP Costs of \$373,400 and Additional Projects Costs of \$32,500). Accordingly, there are sufficient funds within the approved project to complete the Study.

#### **Communications Plan**

The communications plan for North Vaughan and New Communities Transportation Master Plan (NVNCTMP) will be integrated and collaborated with the preparation of the New Communities Secondary Plans wherever possible. It will involve a comprehensive public consultation program comprised of public information centres to be held at study milestones with a stakeholder consultation group and technical agencies committee. The City's website, printed media, correspondence and email will be used to notify stakeholders of public information centres and notices related to the study. A study notification list will be established and kept up to date with all agencies, stakeholders, property owners and other individuals with interest throughout the duration of the Study.

The North Vaughan and New Communities Transportation Master Plan will follow the master planning process described in the Municipal Engineer Association Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), including extensive consultation with the public and stakeholders. The Master Plan process shall satisfy Phase I and II of the Municipal Class Environmental Assessment for recommended infrastructure improvements.

#### **Purpose**

The purpose of this report is to seek Council approval to retain HDR Corporation, successful consultant, to complete the North Vaughan Transportation Master Plan.

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### EXTRACT FROM COUNCIL MEETING MINUTES OF APRIL 21, 2015

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#### **Background**

Vaughan's Official Plan 2010 together with the City's Transportation Master Plan establishes a strategic framework for shaping the City and accommodating future growth to a planning horizon of 2031. As Block 27 and Block 41 are added as the urban expansion areas to accommodate new growth, the preparation of Secondary Plans for the New Community Areas is a requirement of both the Regional Official Plan and the Vaughan Official Plan 2010. The Secondary Plan process will result in land use plans and supporting policy frameworks that will guide future development in Blocks 27 and 41, in accordance with Policy 9.2.2.1.4 of the Vaughan Official Plan. Integration of transportation and land use planning is essential in ensuring that new communities are complete, compact, cost effective and sustainable. Therefore, in support of the development of these Secondary Plans, a Transportation Master Plan for the new communities and the surrounding north Vaughan area will define policies, programs and infrastructure required to meet the City's mobility needs and provide a context for transportation decisions. The objective of this plan is to look at both internal and external factors that contribute to achieving sustainable transportation for residents and businesses while ensuring recommendations of the plan address needs ranging from immediate to future growth.

The North Vaughan and New Communities Transportation Master Plan will strive to achieve the following key objectives:

1. Review and provide input to the planning policies and infrastructure master plans covering the study area
2. Reflect the principles and objectives of the City's Official Plan and Transportation Master Plan
3. Identify and address the opportunities and constraints imposed by current transportation infrastructure and emerging influences, including the review of the roadway functions and identify jurisdictional transfer opportunities
4. Address the Secondary Plan requirements for Block 27 and Block 41 considering the development of the internal transportation networks in these blocks and their connectivity to the external transportation networks
5. Assess the demand and impact of the Major Growth Area developments within or in close proximity of the study area
6. Identify and evaluate alternative vehicular and non-vehicular transportation networks and provide recommendation, including phasing of transportation network improvements
7. Ensure and promote attractiveness/ competitiveness of employment opportunities in the study area, especially the Highway 400 Employment Lands
8. Develop a plan, as part of the broader transportation strategy, to support the establishment of a potential GO station (in Block 27) in accordance with the policies of the Metrolinx "Mobility Hub Guidelines"
9. Encourages all modes of transportation by providing well connected and attractive pedestrian and cycling networks that lead to "destinations" and/or public transit stations; and
10. Take into consideration the impact on adjacent lands and transportation network through a comprehensive and inclusive public consultation process.

**The development of the major growth areas within the NVNCTMP Study Area will be considered and integrated into the greater transportation network**

The primary study area for North Vaughan and New Communities Transportation Master Plan is bounded by King-Vaughan Road to the north, Highway 27 to the west, Teston Road to the south and Bathurst Street to the east. An overall study area extending the southern limit to Major Mackenzie Drive is also included for transportation network connectivity considerations (see

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Attachment 1). The primary study area is approximately 6,575 ha with approximately half of the area designated as Greenbelt or Oak Ridges Moraine. There are three major growth areas within the Study area as identified in the VOP 2010, they are:

- Blocks 27 and 41, New Community Areas,
- Blocks 34 and 35, Highway 400 North Employment Lands, and
- Block 55 East, Kleinburg-Nashville Focused Area.

Blocks 40/47, bordering the southern limit of the primary study area, are also identified as Major Growth Areas, which will contribute and impact the road network system for the primary study area.

#### **North Vaughan and New Communities Transportation Master Plan will address the Secondary Plan requirements for the New Communities (Block 27 and Block 41)**

As part of the services, HDR Corporation will work with the consultants retained for the New Community Area Secondary Plan Studies to address the Secondary Plan requirements for these blocks. The consultant will take into consideration the development of the internal transportation networks and their connectivity to the wider external transportation networks. As part of the broader transportation strategy, the NVNCTMP will also look at infrastructure needs in support of the establishment of a potential GO station in Block 27, in accordance with the policies of the Metrolinx "Mobility Hub Guidelines"

#### **Request for Proposal Process was followed to retain an engineering consultant for the study**

On February 9, 2015, the Purchasing Services Department issued a Request for Proposal (RFP15-064) for the retention of a consulting engineering firm to complete the North Vaughan and New Communities Transportation Master Plan in accordance with the City's Purchasing Policy for projects of this magnitude. The RFP was publically advertised using the following publication sources:

- Vaughan Bids & Tenders Website
- City Web Page
- Ontario Public Buyer's Association Website
- Electronic Tendering Network (Biddingo)

#### **The City received a total of four proposals for the North Vaughan and New Communities Transportation Master Plan**

A total of twenty-eight (28) plantakers downloaded the RFP documents for the North Vaughan and New Communities Transportation Master Plan Study. One (1) addendum was issued to answer questions received. Of these, four (4) proposals were received from the following companies before the closing schedule:

- HDR Corporation
- LEA Consulting Ltd.
- MMM Group
- WSP Canada Inc.

The four (4) proposals submitted were considered compliant and further evaluated by an evaluation committee comprised of staff from the City's Development Engineering and Infrastructure Planning Services and Policy Planning departments, and facilitated by the Purchasing Services Departments.

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The proposals were evaluated based on the following criteria, which was provided in the RFP document:

- Qualifications and Experience – 40%
- Quality of the Proposals – 20%
- Project Management – 20%
- Financial – 20%

**Based on the evaluation committee's review of the proposals, consultant HDR Corporation scored the highest ranking for this study**

Based on the evaluation committee's review of the proposals, HDR Corporation scored the highest ranking for this study, and successfully fulfilled all of the City's technical requirements and qualifications related to this project. As such, the evaluation committee is satisfied that HDR Corporation has met all the required qualifications to successfully complete the North Vaughan and New Communities Transportation Master Plan.

**The duration of this assignment will be approximately 24 months**

The duration of this assignment will be approximately 24 months. The total estimated RFP costs to complete this study including engineering consulting services, contingency allowance and administration recovery is \$373,400 as summarized in Table 1 below:

<b>TABLE 1: ESTIMATED PROJECT COSTS</b>	
	<b>Total \$</b>
HDR Corporation - RFP Bid Price (Excl. HST)	309,758
Contingency Allowance (Approx. 15%)	46,464
<b>Sub-Total</b>	<b>356,222</b>
H.S.T. (1.76%) Not Recoverable	6,270
<b>Total</b>	<b>362,491</b>
Administration (3%)	10,875
<b>Total RFP Costs</b>	<b>373,366</b>
<b>Total RFP Costs (Rounded)</b>	<b>373,400</b>

<b>TABLE 2: PROJECT FUNDING POSITION SUMMARY</b>	
	<b>Total \$</b>
Approved Budget (DE-7156-15)	515,000
Expenses/Commitments to Date	-
Additional Project Costs (Public Consultation &	(32,500)
Current Funds Remaining	482,500
Total RFP Costs (Rounded)	(373,400)
<b>Budget Remaining / (Additional Funding Required)</b>	<b>109,100</b>

Additional project costs of \$32,500 have been identified as an appropriate amount to cover necessary City expenses as part of the comprehensive public consultation program captured in the Communication Plan and TRCA administration fee as under Environmental Assessment and Infrastructure Permitting Services adopted by Resolution #A237/13 of the Authority Board on January 31, 2014. These expenses may include, but are not limited to, print media, advertisement and venue expenses.

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The study is considered to be of moderate complexity requiring extensive coordination with different agencies and review of many planning developments and infrastructure improvements of different magnitudes within the study area. Therefore, a contingency allowance of 15% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this study. Any residual funds will be returned to the original funding sources upon the completion of the study.

#### **Relationship to Vaughan Vision 2020/Strategic Plan**

The recommendations contained in this report are consistent with the priorities set by Council. The necessary resources have been allocated and approved. Specifically, the recommendations in this report support the following Vaughan Vision 2020 initiatives:

*Demonstrate Excellence in Service Delivery* – NVNCTMP will define policies, programs and infrastructure that are essential to meet the City's immediate and future mobility needs in the North Vaughan and New Communities Area;

*Plan and Manage Growth and Economic Vitality* – NVNCTMP will ensure and promote attractiveness and competitiveness of employment opportunities in the study area and implement the Growth Management Strategy as set out in the Vaughan Official Plan 2010 and Transportation Master Plan; and

*Lead and Promote Environmental Sustainability* – the NVNCTMP will identify and evaluate alternative vehicular and non-vehicular transportation networks to encourage all modes of transportations providing more sustainable travel alternatives for existing and future users.

#### **Regional Implications**

City Staff has worked in collaboration with Regional Staff in the preparation of the Terms of Reference for the NVNCTMP and will continue to work with Regional Staff in the development of the NVNCTMP. The NVNCTMP will take into consideration the existing and planned Regional and Provincial transportation networks in the north Vaughan area, including the GTA West Planning and Environmental Assessment Study. GTA West project team will be consulted for input and coordination for the development of transportation network in the north Vaughan area. The NVNCTMP will establish the City's transportation related infrastructure needs and guidelines in support of the future development in the study area. The Plan will also accommodate the Region's forecast growth estimates for the north Vaughan area and will be closely coordinated with other on-going Regional transportation studies and initiatives including the Region's Transportation Master Plan, Official Plan, and Water Waste Water Master Plan updates.

#### **Conclusion**

Based on the results of the Request for Proposal 15-064, HDR Corporation scored the highest ranking and successfully fulfilled all of the City's technical requirements related to the study, and accordingly, had the best overall proposal.

It is recommended that HDR Corporation be retained to provide the necessary transportation planning, engineering and project management services to complete the North Vaughan and New Communities Transportation Master Plan. Sufficient funding is available in the Capital Projects DE-7156-15 to complete this study

#### **Attachments**

1. Study Area Map

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**EXTRACT FROM COUNCIL MEETING MINUTES OF APRIL 21, 2015**

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**Report prepared by:**

Winnie Lai, Transportation Project Manager, Ext. 8192  
Selma Hubjer, Manager of Transportation Planning, Ext. 8674

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

## Magnifico, Rose

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**Subject:** North Vaughan Transportation Master Plan

CC13
Communication
CW: <u>Apr 14/15</u>
Item: <u>17</u>

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**From:** Cam [<mailto:cam.milani@milanigroup.ca>]  
**Sent:** Monday, April 13, 2015 2:08 PM  
**To:** [Clerks@vaughan.ca](mailto:Clerks@vaughan.ca)  
**Subject:** FW: North Vaughan Transportation Master Plan

Can you please include this on your communications for tomorrow?

Thanks.

Cam Milani

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**From:** Cam [<mailto:cam.milani@milanigroup.ca>]  
**Sent:** April-11-15 3:48 PM  
**To:** 'maurizio.bevilacqua@vaughan.ca'; 'michael.dibiase@vaughan.ca'; 'mario.ferri@vaughan.ca'; 'gino.rosati@vaughan.ca'; 'marilyn.iafrate@vaughan.ca'; 'tony.carella@vaughan.ca'; 'rosanna.defrancesca@vaughan.ca'; 'sandra.racco@vaughan.ca'; 'alan.shefman@vaughan.ca'  
**Subject:** North Vaughan Transportation Master Plan

Dear Members of Council,

As I am sure you all remember, the #1 issue at the doors during the election was traffic. The above noted item is a key component to delivering on electoral promises some of you may have made. To that end, I offer the following comments:

1. This initiative should be communicated to Vaughan residents and staff should develop a quality communication strategy that makes sure Vaughan residents know this Council heard their concerns in the last election.
2. While planning for the long term future is great, physical change on the landscape is what residents really notice. A new road they can drive on, a new Go Station they can use etc... Vaughan Council passed a resolution during the last TMP that Kirby Side road link between Dufferin and Bathurst would be BUILT by 2021. Unfortunately, that is 3 years AFTER the next election. Should Council desire to potentially have that road opened by 2018, I would encourage Council to direct staff, as part of this review, to work with us as the landowner on the North and South Side of the opened road allowance and develop a strategy that could potentially speed up the process with an aim to have Kirby opened by 2018. Such solutions could include Co-Proponent EA's, working with the landowner as part of our Draft Plan or having the landowner front end the construction of the link with DC credits for their developments.

Yours Truly,

Cam Milani



## Magnifico, Rose

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**Subject:** Committee of the Whole - April 14th 2015 - ITEM 17 - North Vaughan Transportation Master Plan AWARD

c: <u>23</u>
Communication
cw: <u>Apr 14/15</u>
Item: <u>17</u>

**From:** Antony Niro [<mailto:antony.niro@gmail.com>]

**Sent:** Tuesday, April 14, 2015 10:35 AM

**To:** Shefman, Alan; Rosati, Gino; Iafrate, Marilyn; Ferri, Mario; Bevilacqua, Maurizio; Di Biase, Michael; DeFrancesca, Rosanna; Racco, Sandra; Carella, Tony

**Cc:** Adam Martin-Robbins; Kim Champion; Steven Del Duca; [gila.martowco@pc.ola.org](mailto:gila.martowco@pc.ola.org); [Clerks@vaughan.ca](mailto:Clerks@vaughan.ca)

**Subject:** Committee of the Whole - April 14th 2015 - ITEM 17 - North Vaughan Transportation Master Plan AWARD

Dear Members of Vaughan Council,

The extension of Kirby Rd through to Bathurst, upgrading of Kirby to 4 lanes from Bathurst to Hwy 27, and an interconnect at Hwy 400 is in my opinion the single most important transportation improvement Vaughan could embark on to alleviate not only the increasing east-west traffic problems in the north but the choking east-west traffic problem throughout Vaughan.

Its good we're finally progressing on the North Vaughan Transportation Master Plan, an important step in providing much needed transportation East-West corridor relief for Vaughan.

**BACKGROUND:** The North Vaughan Transportation Master Plan is a resident initiated project, as the result of myself (Antony Niro P.Eng.) settling an OMB appeal of the DC By-law with the City of Vaughan. Past council fully supported the current DC By-Law that OBLITERATED the majority of funding for the planned upgrade and expansion of Kirby Road between Bathurst and Hwy 27. The City of Vaughan agreed to conduct a study and produce a **North Vaughan Transportation Master Plan** validate the claims being made in the appeal of the DC By-Law.

Removing funding for a Kirby Road upgrade would push any East-West corridor transportation relief to **2031**. Might I remind current council, and in particular the re-elected Local Councillor of Ward 1 whom supported the delay in funding Kirby, that any talk of a Go-Station on Kirby without the support of a Kirby upgrade is preposterous and irresponsible to the current and +10,000 future residents living in close proximity of Kirby Road.

I look forward to attending the settlement agreed mandatory public working sessions prior to the release of any reports. I hope the residents of North Vaughan have the support of the four local councillors and the mayor in a plan that effectively identifies east-west transportation upgrades for north Vaughan in a timely manner.

The current residents want to see transportation upgrades completed "before" any development of blocks 27 and 41, including a Go-Station. To make my point clear and simple for the current local councillor of Ward 1, we expect Kirby widened before you build a Go-Station on Kirby, if you build a Go-Station, people will drive in "cars" that use "roads" like Kirby to get to the Go-Station.

Supporting a Go-Station but not any upgrades to roads in it's vicinity sounds to me like a POLITICAL position, not a practical position. Let's keep the politics out of our planning and make good, practical, decisions to improve our standard of living.

Please feel free to contact me at any time during the development of this plan for comment and background information.

[http://www.vaughan.ca/council/minutes\\_agendas/AgendaItems/CW0414\\_15\\_17.pdf](http://www.vaughan.ca/council/minutes_agendas/AgendaItems/CW0414_15_17.pdf)

-Antony.

**Antony Niro, P.Eng.**

**416-846-6476**



----- Forwarded message -----

From: **Antony Niro P.Eng.** <[antony.niro@gmail.com](mailto:antony.niro@gmail.com)>

Date: Tue, May 14, 2013 at 8:21 AM

Subject: Report No. 18 Item #1 2013 DEVELOPMENT CHARGE BY-LAW – What Happened to Kirby?

To: Maurizio Bevilacqua Vaughan Mayor <[maurizio.bevilacqua@vaughan.ca](mailto:maurizio.bevilacqua@vaughan.ca)>, Deb Schulte <[deb.schulte@vaughan.ca](mailto:deb.schulte@vaughan.ca)>, Rosanna DeFrancesca <[rosanna.defrancesca@vaughan.ca](mailto:rosanna.defrancesca@vaughan.ca)>, Gino Risati <[gino.rosati@vaughan.ca](mailto:gino.rosati@vaughan.ca)>, Alan Shefman <[alan.shefman@vaughan.ca](mailto:alan.shefman@vaughan.ca)>, Sandra Racco <[sandra.racco@vaughan.ca](mailto:sandra.racco@vaughan.ca)>, Michael Di Biase <[michael.dibiase@vaughan.ca](mailto:michael.dibiase@vaughan.ca)>, Angela Palermo <[angela.palermo@vaughan.ca](mailto:angela.palermo@vaughan.ca)>, Tony Carella <[tony.carella@vaughan.ca](mailto:tony.carella@vaughan.ca)>, Marilyn Iafrate <[marilyn.iafrate@vaughan.ca](mailto:marilyn.iafrate@vaughan.ca)>, Vaughan Jeffrey Abrams Clerk <[clerks@vaughan.ca](mailto:clerks@vaughan.ca)>

Cc: Tim Kelly <[tkelly@yrmg.com](mailto:tkelly@yrmg.com)>

Dear Members of Council,

I recently read the communication posted online that mentions Kirby Rd on the Development Charge By-Law. I cross referenced the balance of the Development Charge By-Law mentioned in the communication and concluded of the approximate \$759 Million Capital Expenditures the City Engineering Department requires to invest into the City by 2031, roughly \$100 Million has been removed as “post period benefit”. Of this \$100 Million that has now been removed, approximately \$85 Million (85%) of it is located in the Countryside Areas of Vaughan, mainly Kirby Side Road improvements.

I missed the correspondence that states all development in the countryside of Vaughan (blocks 27 and 41 for example) has been postponed to 2031. If this is not the case how can we further develop our countryside without infrastructure? Residents throughout Vaughan are furious with the traffic congestion in this city. What is occurring here is a clear illustration of why we have traffic congestion in the first place, build 10,000 homes then in 10 or so years maybe improve the roads to accommodate the traffic. Oh, and I liked the part about passing the buck to the region who is less accountable to the residents of Vaughan than our own city council. This is poor leadership from both the ward councillor and the city staff providing recommendations.

This illustrates once again where the residents of the Vaughan countryside are neglected, underrepresented and ignored. I heard, at great length, this Council suggesting they “feel” residents of the countryside are well served and therefore there is no need for an additional Councillor to represent them exclusively. It's clear this is not the case.

The developers should pay their fair share of the infrastructure improvements as needed and as justified. Infrastructure first, then development. Stop pandering to the developers, if they feel they cannot afford to absorb the costs of development then don't develop. It should not come on the backs of the countryside residents with congestion and the backs of all Vaughan residents with higher taxes when the road inevitably needs to be improved and paid for. We have suffered and been ignored long enough.

Set the charges fairly. If we (City and developers) cannot afford to build, we don't build until we can. Raising taxes so developers can increase their profits is unacceptable!

Please be advised that I disagree with this position as outlined in the current Development Charge By-Law and background reports. Any services that are required pursuant to the Vaughan Official Plan or Transportation Master Plan or any other approved plan, should be in the Development Charge By-Law, budgeted and collected accordingly. Any exclusions or inclusions that are not justified as part of those reports, should consequently be amended.

-Antony.

Antony Niro P.Eng.

416-846-6476

Resident of the Vaughan Countryside

## **COMMITTEE OF THE WHOLE - APRIL 14, 2015**

### **AWARD OF REQUEST FOR PROPOSAL 15-064 SELECTION OF CONSULTANT FOR NORTH VAUGHAN AND NEW COMMUNITIES TRANSPORTATION MASTER PLAN (NVNCTMP) WARD 1, 3, 4 – NORTH OF MAJOR MACKENZIE DRIVE**

#### **Recommendation**

The Commissioner of Public Works, the Commissioner of Planning and the Director of Development Engineering and Infrastructure Planning Services, in consultation with the Director of Transportation Services and Parks & Forestry Operations, the Director of Purchasing Services, the Acting Director of Policy Planning and the Director of Financial Planning & Analytics, recommend:

1. That HDR Corporation, the successful consultant, be retained to provide the necessary transportation planning, engineering and project management services to complete the North Vaughan and New Communities Transportation Master Plan at an estimated cost of \$309,758.00 plus applicable taxes and administration recovery with funding from approved Capital Project DE-7156-15;
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3. That the Mayor and Clerk be authorized to sign the necessary agreements and documents in connection with the study and the approved Capital Project DE-7156-15 New Community Areas Transportation Study (Block 27 and 41).

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Consistent with goals and objectives of the City's Community Sustainability and Environmental Master Plan (Green Directions Vaughan), North Vaughan and New Communities Transportation Master Plan will contribute to:

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- Developing a plan as part of the transportation strategy to establish a potential GO station which will support efficient and accessible public and private transit (Objective 3.2)
- Developing an integrated transportation system for all modes of transportation, ensuring investment in transportation infrastructure will benefit the city's economic vitality, creating a vibrant community where citizens, business and visitors thrive (Objective 4.2).

#### **Economic Impact**

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Development Charges (Engineering), for the completion of this study. Based on the results of the Request for Proposal process, the undertaking of the North Vaughan and New Communities Transportation Master Plan is estimated to cost \$405,900 including 15% contingency allowance, applicable taxes and administration recovery (RFP Costs of \$373,400 and Additional Projects Costs of \$32,500). Accordingly, there are sufficient funds within the approved project to complete the Study.

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### **Purpose**

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### **Background**

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1. Review and provide input to the planning policies and infrastructure master plans covering the study area
2. Reflect the principles and objectives of the City's Official Plan and Transportation Master Plan

3. Identify and address the opportunities and constraints imposed by current transportation infrastructure and emerging influences, including the review of the roadway functions and identify jurisdictional transfer opportunities
4. Address the Secondary Plan requirements for Block 27 and Block 41 considering the development of the internal transportation networks in these blocks and their connectivity to the external transportation networks
5. Assess the demand and impact of the Major Growth Area developments within or in close proximity of the study area
6. Identify and evaluate alternative vehicular and non-vehicular transportation networks and provide recommendation, including phasing of transportation network improvements
7. Ensure and promote attractiveness/ competitiveness of employment opportunities in the study area, especially the Highway 400 Employment Lands
8. Develop a plan, as part of the broader transportation strategy, to support the establishment of a potential GO station (in Block 27) in accordance with the policies of the Metrolinx "Mobility Hub Guidelines"
9. Encourages all modes of transportation by providing well connected and attractive pedestrian and cycling networks that lead to "destinations" and/or public transit stations; and
10. Take into consideration the impact on adjacent lands and transportation network through a comprehensive and inclusive public consultation process.

**The development of the major growth areas within the NVNCTMP Study Area will be considered and integrated into the greater transportation network**

The primary study area for North Vaughan and New Communities Transportation Master Plan is bounded by King-Vaughan Road to the north, Highway 27 to the west, Teston Road to the south and Bathurst Street to the east. An overall study area extending the southern limit to Major Mackenzie Drive is also included for transportation network connectivity considerations (see Attachment 1). The primary study area is approximately 6,575 ha with approximately half of the area designated as Greenbelt or Oak Ridges Moraine. There are three major growth areas within the Study area as identified in the VOP 2010, they are:

- Blocks 27 and 41, New Community Areas,
- Blocks 34 and 35, Highway 400 North Employment Lands, and
- Block 55 East, Kleinburg-Nashville Focused Area.

Blocks 40/47, bordering the southern limit of the primary study area, are also identified as Major Growth Areas, which will contribute and impact the road network system for the primary study area.

**North Vaughan and New Communities Transportation Master Plan will address the Secondary Plan requirements for the New Communities (Block 27 and Block 41)**

As part of the services, HDR Corporation will work with the consultants retained for the New Community Area Secondary Plan Studies to address the Secondary Plan requirements for these blocks. The consultant will take into consideration the development of the internal transportation networks and their connectivity to the wider external transportation networks. As part of the broader transportation strategy, the NVNCTMP will also look at infrastructure needs in support of the establishment of a potential GO station in Block 27, in accordance with the policies of the Metrolinx "Mobility Hub Guidelines"

**Request for Proposal Process was followed to retain an engineering consultant for the study**

On February 9, 2015, the Purchasing Services Department issued a Request for Proposal (RFP15-064) for the retention of a consulting engineering firm to complete the North Vaughan

and New Communities Transportation Master Plan in accordance with the City's Purchasing Policy for projects of this magnitude. The RFP was publically advertised using the following publication sources:

- Vaughan Bids & Tenders Website
- City Web Page
- Ontario Public Buyer's Association Website
- Electronic Tendering Network (Biddingo)

**The City received a total of four proposals for the North Vaughan and New Communities Transportation Master Plan**

A total of twenty-eight (28) plantakers downloaded the RFP documents for the North Vaughan and New Communities Transportation Master Plan Study. One (1) addendum was issued to answer questions received. Of these, four (4) proposals were received from the following companies before the closing schedule:

- HDR Corporation
- LEA Consulting Ltd.
- MMM Group
- WSP Canada Inc.

The four (4) proposals submitted were considered compliant and further evaluated by an evaluation committee comprised of staff from the City's Development Engineering and Infrastructure Planning Services and Policy Planning departments, and facilitated by the Purchasing Services Departments.

The proposals were evaluated based on the following criteria, which was provided in the RFP document:

- Qualifications and Experience – 40%
- Quality of the Proposals – 20%
- Project Management – 20%
- Financial – 20%

**Based on the evaluation committee's review of the proposals, consultant HDR Corporation scored the highest ranking for this study**

Based on the evaluation committee's review of the proposals, HDR Corporation scored the highest ranking for this study, and successfully fulfilled all of the City's technical requirements and qualifications related to this project. As such, the evaluation committee is satisfied that HDR Corporation has met all the required qualifications to successfully complete the North Vaughan and New Communities Transportation Master Plan.

**The duration of this assignment will be approximately 24 months**

The duration of this assignment will be approximately 24 months. The total estimated RFP costs to complete this study including engineering consulting services, contingency allowance and administration recovery is \$373,400 as summarized in Table 1 below:

<b>TABLE 1: ESTIMATED PROJECT COSTS</b>	
	<b>Total \$</b>
HDR Corporation - RFP Bid Price (Excl. HST)	309,758
Contingency Allowance (Approx. 15%)	46,464
<b>Sub-Total</b>	<b>356,222</b>
H.S.T. (1.76%) Not Recoverable	6,270
<b>Total</b>	<b>362,491</b>
Administration (3%)	10,875
<b>Total RFP Costs</b>	<b>373,366</b>
<b>Total RFP Costs (Rounded)</b>	<b>373,400</b>

<b>TABLE 2: PROJECT FUNDING POSITION SUMMARY</b>	
	<b>Total \$</b>
Approved Budget (DE-7156-15)	515,000
Expenses/Commitments to Date	-
Additional Project Costs (Public Consultation &	(32,500)
Current Funds Remaining	482,500
Total RFP Costs (Rounded)	(373,400)
<b>Budget Remaining / (Additional Funding Required)</b>	<b>109,100</b>

Additional project costs of \$32,500 have been identified as an appropriate amount to cover necessary City expenses as part of the comprehensive public consultation program captured in the Communication Plan and TRCA administration fee as under Environmental Assessment and Infrastructure Permitting Services adopted by Resolution #A237/13 of the Authority Board on January 31, 2014. These expenses may include, but are not limited to, print media, advertisement and venue expenses.

The study is considered to be of moderate complexity requiring extensive coordination with different agencies and review of many planning developments and infrastructure improvements of different magnitudes within the study area. Therefore, a contingency allowance of 15% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this study. Any residual funds will be returned to the original funding sources upon the completion of the study.

#### **Relationship to Vaughan Vision 2020/Strategic Plan**

The recommendations contained in this report are consistent with the priorities set by Council. The necessary resources have been allocated and approved. Specifically, the recommendations in this report support the following Vaughan Vision 2020 initiatives:

*Demonstrate Excellence in Service Delivery* – NVNCTMP will define policies, programs and infrastructure that are essential to meet the City's immediate and future mobility needs in the North Vaughan and New Communities Area;

*Plan and Manage Growth and Economic Vitality* – NVNCTMP will ensure and promote attractiveness and competitiveness of employment opportunities in the study area and implement the Growth Management Strategy as set out in the Vaughan Official Plan 2010 and Transportation Master Plan; and



*Lead and Promote Environmental Sustainability* – the NVNCTMP will identify and evaluate alternative vehicular and non-vehicular transportation networks to encourage all modes of transportations providing more sustainable travel alternatives for existing and future users.

### **Regional Implications**

City Staff has worked in collaboration with Regional Staff in the preparation of the Terms of Reference for the NVNCTMP and will continue to work with Regional Staff in the development of the NVNCTMP. The NVNCTMP will take into consideration the existing and planned Regional and Provincial transportation networks in the north Vaughan area, including the GTA West Planning and Environmental Assessment Study. GTA West project team will be consulted for input and coordination for the development of transportation network in the north Vaughan area. The NVNCTMP will establish the City's transportation related infrastructure needs and guidelines in support of the future development in the study area. The Plan will also accommodate the Region's forecast growth estimates for the north Vaughan area and will be closely coordinated with other on-going Regional transportation studies and initiatives including the Region's Transportation Master Plan, Official Plan, and Water Waste Water Master Plan updates.

### **Conclusion**

Based on the results of the Request for Proposal 15-064, HDR Corporation scored the highest ranking and successfully fulfilled all of the City's technical requirements related to the study, and accordingly, had the best overall proposal.

It is recommended that HDR Corporation be retained to provide the necessary transportation planning, engineering and project management services to complete the North Vaughan and New Communities Transportation Master Plan. Sufficient funding is available in the Capital Projects DE-7156-15 to complete this study

### **Attachments**

1. Study Area Map

### **Report prepared by:**

Winnie Lai, Transportation Project Manager, Ext. 8192  
Selma Hubjer, Manager of Transportation Planning, Ext. 8674

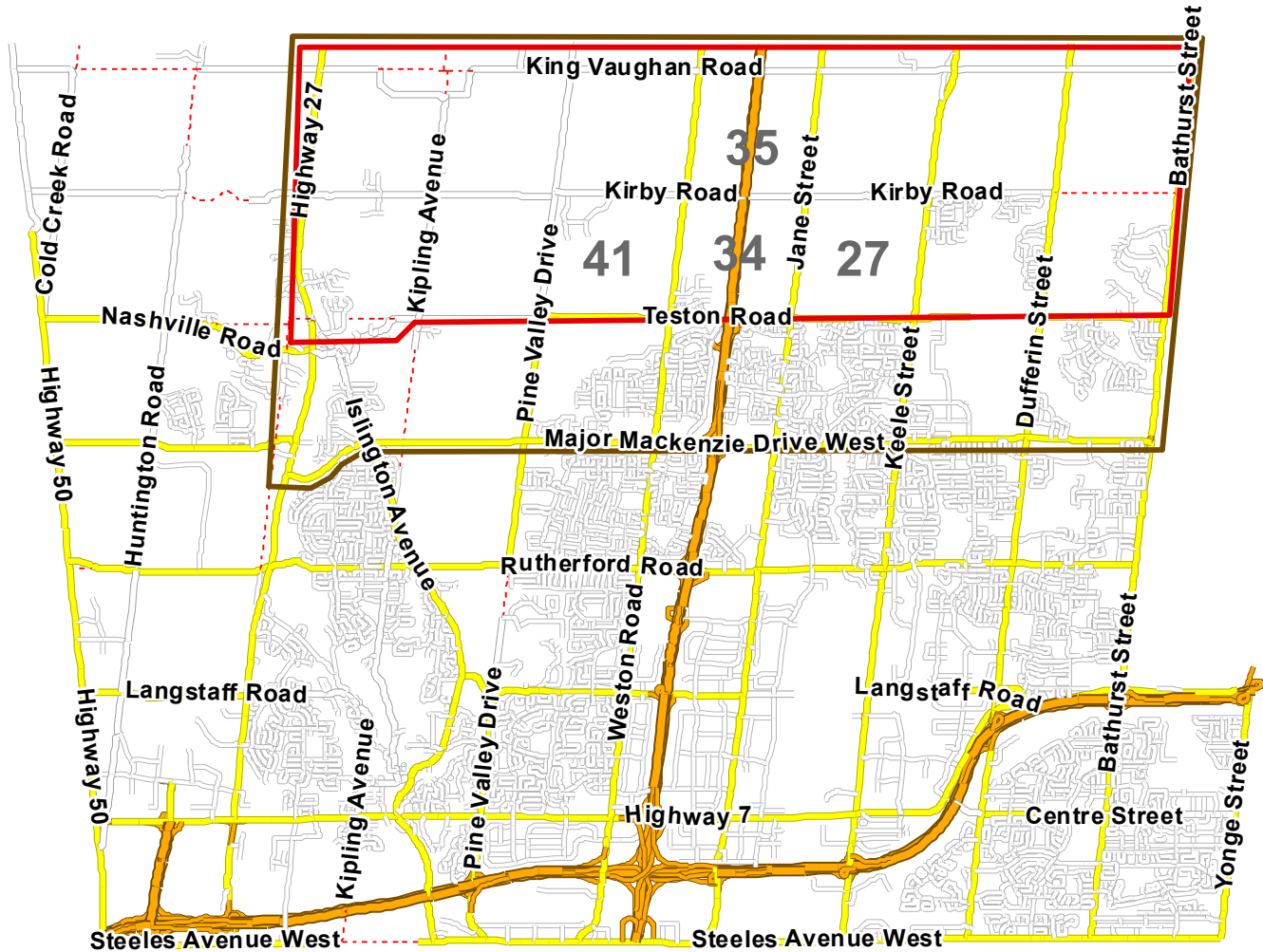
Respectfully submitted,

Paul Jankowski,  
Commissioner of Public Works

John Mackenzie  
Commissioner of Planning



Andrew Pearce  
Director of Development  
Engineering and Infrastructure Planning

# ATTACHMENT No. 1



## NORTH VAUGHAN AND NEW COMMUNITIES TRANSPORTATION MASTER PLAN

### LEGEND

-  Overall Study Area
-  Primary Study Area

Note: Aerial photography acquired in Spring 2014

