



INFORMATION REPORT

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| TO: Chair and Members Audit, Finance & Administration Committee | WARD(S) AFFECTED: CITY WIDE |
| COMMITTEE DATE: June 22, 2011 | |
| SUBJECT/REPORT NO: Professional and Consultant Services Roster 2007-2008 / 2009-2010 (PW11038) - (City Wide) | |
| SUBMITTED BY: Gerry Davis, CMA General Manager Public Works Department | PREPARED BY: Gary Moore (905) 546-2424, Extension 2382 |
| SIGNATURE: | |

Council Direction:

Not Applicable

Information:

Financial Information Regarding Roster Use

This report summarizes the use of the Professional and Consultant Services Roster for the two roster periods, 2007/2008 and 2009/2010, as required under Policy 9 of the currently approved Purchasing Policy. The roster process for acquisition of services is currently used by 13 divisions within Community Services, Planning and Economic Development, Corporate Services and Public Works. The Information Services Roster group was added in 2009.

For 2007-2008 there were 36 roster categories with assignments and dollar values as follows:

| | |
|-----------------------------------|---------------|
| Total Dollar Value: | \$ 23,474,315 |
| Total Number of Assignments: | 663 |
| Average Value of Each Assignment: | \$ 35,406 |
| Number of Different Firms: | 107 |

**SUBJECT: Professional and Consultant Services Roster 2007-2008 / 2009-2010
(PW11038) - (City Wide) - Page 2 of 2**

For the period of 2009-2010 there were 32 roster categories with assignments as follows (including assignments related to the Infrastructure Stimulus funding projects):

| | |
|-----------------------------------|---------------|
| Total Dollar Value: | \$ 30,720,000 |
| Total Number of Assignments: | 876 |
| Average Value of Each Assignment: | \$ 35,068 |
| Number of Different Firms: | 90 |

While roster categories decreased by 11%, the total number of assignments increased by 24% (213 assignments). Even though the total value of the assignments increased by 24% (\$7,245,685), the average dollar value of each assignment decreased by approximately 1% or \$338. There was approximately a 31% change over in the make up of the consultants providing services over the 2 roster periods.

Why is the Professional and Consultant Services Roster Required by the City?

While a portion of the assignments address a shortage of available in-house resources, the majority of the assignments represent acquisition of specialty knowledge or capabilities not resident within current staff but required for delivery of programs mandated either internally or by senior levels of government. Speciality services range from Archaeology and Architectural services to Hydrogeology, Legislative Compliance and Structural Engineering to Terrestrial and Avian Ecology and Fisheries Biology.

In addition, the increase in the number of projects/tasks required for short term initiatives, such as the Infrastructure Stimulus funding projects, Rapid Transit, Pan Am, etc, have benefited from the use of the roster because it allowed for the completion of these projects in a timely manner and with firms specializing in different engineering and planning fields. If the roster was not available, there would have been a significant impact on existing staff resources, their level of expertise as well staff's ability to undertake pre planned capital projects.

This augmentation of in-house resources and acquisition of highly specialized expertise on an on-demand basis is the most cost effective and efficient means for delivery of these programs.

Administrative Matters

Roster categories are set based on anticipated work levels over a 2 year period. Those categories where no assignments or limited work were assigned are reviewed by the Roster Committee for continued roster eligibility and anticipated assignment activity.

In 2009, the Roster system was audited by Internal Audit and while there were a few recommendations a comment from Audit was that the Roster, having comprehensive procedures and guidelines, is considered to be a guide for best practices.

As recommended in the Audit review, a listing of Consultants by category is attached to this report as Appendices "A", "B" and "C", as well as the associated total number of assignments and dollar values per category as Appendices "D" and "E".

2007-2008 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|--|--|------------------------------|--------------------------------|
| 1 | Municipal Design | <ul style="list-style-type: none"> • Delcan Corporation • Dillon Consulting Limited • Giffels Associates Limited • McCormick Rankin • Philips Engineering • SNC-Lavalin • Stantec Consulting • UMA Engineering Limited <u>Scope</u> <ul style="list-style-type: none"> • Totten Sims Hubicki | 31 | \$ 1,557,115 |
| 2 | Construction Management and Inspection Services | <ul style="list-style-type: none"> • Dillon Consulting • Giffels Associates Limited • MTE • Philips Engineering • SNC-Lavalin • Stantec Consulting • Totten Sims Hubicki • UMA Engineering <u>Scope</u> <ul style="list-style-type: none"> • J&M Structural • Urbex | 22 | \$ 1,080,240 |
| 3 | Transportation Engineering and Planning | <ul style="list-style-type: none"> • Dillon Consulting • IBI Group • iTrans Consulting • McCormick Rankin • UMA Engineering Limited <u>Scope</u> <ul style="list-style-type: none"> • Ourston Roundabouts Canada • Watson & Associates | 38 | \$ 1,824,584 |
| 4 | Structural Engineering and Rehabilitation | <ul style="list-style-type: none"> • Delcan Corporation • Dillon Consulting • McCormick Rankin • SNC-Lavalin • UMA Engineering Limited <u>Scope</u> <ul style="list-style-type: none"> • J&M Engineering | 19 | \$ 678,170 |
| 5 | Wastewater Treatment Engineering and Construction Management | <ul style="list-style-type: none"> • Associated Engineering • CH2M Hill Canada Ltd. • Conestoga Rovers & Assoc. • Hatch Mott MacDonald • Hydromantis • KMK Consultants • MacViro Consultants <u>Scope</u> <ul style="list-style-type: none"> • Earth Tech Canada • Insyght Systems Inc. • R.E. Poisson Engineering • UEM | 49 | \$ 2,690,909 |
| 6 | Water Treatment Engineering and Construction Management | <ul style="list-style-type: none"> • Associated Engineering • CH2M Hill Canada Ltd. • KMK Consultants Limited • MacViro Consultants • R.V. Anderson Associates <u>Scope</u> <ul style="list-style-type: none"> • Eramosa Engineering Inc. • W.J. Hargrave & Company Inc. • R.E. Poisson Engineering • Stantec Consulting • Wardrop Engineering | 37 | \$ 1,818,419 |

2007-2008 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|---|--|------------------------------|--------------------------------|
| 7 | Environmental Planning Process | <ul style="list-style-type: none"> • Dillon Consulting • Ecoplans Limited • Earth Tech Canada | 11 | \$ 679,558 |
| | | <ul style="list-style-type: none"> • SNC-Lavalin • UMA Engineering Limited <u>Scope</u> <ul style="list-style-type: none"> • Amos Environment • iTrans Consulting • MacViro Consultants | | |
| 8 | Solid Waste Management | <ul style="list-style-type: none"> • Amec • Dillon Consulting • SNC –Lavalin • Urban and Environmental Mgmt <u>Scope</u> <ul style="list-style-type: none"> • Comcor Environmental Limited • Jacques Whitford • Kelleher Environmental • MacViro Consultants | 39 | \$ 1,245,982 |
| 9 | Stormwater Management / Water Resources Engineering | <ul style="list-style-type: none"> • Aquafor Beech • Dillon Consulting • McCormick Rankin • SNC-Lavalin • Totten Sims Hubicki <u>Scope</u> <ul style="list-style-type: none"> • Phillips Engineering • Weslake Inc. | 19 | \$ 959,788 |
| 10 | Landscape Architecture | <ul style="list-style-type: none"> • A.E.Bowler Associates • Alexander Budrevics and Associates • du Toit Allsopp Hillier • ENVISION – the Hough Group • G. O'Connor Consultants • PGM Design Associates • Strybos Associates Ltd. • Wendy Shearer Landscape Architect <u>Scope</u> <ul style="list-style-type: none"> • GSP Group Inc. • Janet Rosenberg & Associates • PMA Landscape Architects • The MBTW Group | 38 | \$ 1,256,366 |
| 11 | Architectural Services | <ul style="list-style-type: none"> • McCallum Sather Architects • R.F. Lintack Architects • Their & Curran Architects • Vermeulen/Hind Architects | 30 | \$ 686,588 |
| 12 | Geotechnical Investigation and Inspection | <ul style="list-style-type: none"> • Amec Earth & Environmental • Golder Associates • Peto MacCallum Ltd. • Soil-Mat Engineers • Terraprobe Limited <u>Scope</u> <ul style="list-style-type: none"> • JEGEL (John Emery Geotechnical Engineering Limited) | 40 | \$ 899,618 |
| 13 | Wastewater Collection Systems Performance Analysis | <ul style="list-style-type: none"> • Aquafor Beech • Earth Tech Canada • Hatch Mott MacDonald • KMK Consultants • Stantec Consulting • XCG Consultants | 4 | \$ 249,490 |

2007-2008 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|--|---|------------------------------|--------------------------------|
| | | <u>Scope</u> <ul style="list-style-type: none"> • Calder Engineering • MacViro Consultants • GEOtivity Incorporated • OCTC (Odour & Corrosion Technology Consultants) | | |
| 14 | Water Distribution Systems Performance Analysis | <ul style="list-style-type: none"> • Earth Tech Canada • Hatch Mott MacDonald • KMK Consultants <u>Scope</u> <ul style="list-style-type: none"> • MacViro Consultants | 2 | \$ 101,388 |
| 15 | Professional Land Survey Services | <ul style="list-style-type: none"> • JD Barnes Ltd./First Base Solutions • Marshall Macklin Monaghan | 23 | \$ 416,167 |
| | | <u>Scope</u> <ul style="list-style-type: none"> • DPRA • Mackay, Mackay and Peters | | |
| 16 | Project Management - Buildings | <ul style="list-style-type: none"> • KMB International • MHPM Project Managers • Philips Engineering • V2PM <u>Scope</u> <ul style="list-style-type: none"> • Jacques Whitford | 22 | \$ 1,039,583 |
| 17 | Environmental Site Assessment / Remediation Services | <ul style="list-style-type: none"> • Dillon Consulting • Earth tech Canada • Jagger Hims Limited • SNC-Lavalin <u>Scope</u> <ul style="list-style-type: none"> • Azimuth Environmental • Jacques Whitford • Trow Consulting | 23 | \$ 486,998 |
| 18 | Archaeology | <ul style="list-style-type: none"> • ASI Group Ltd. • Historic Horizons • Jacques Whitford | 35 | \$ 423,686 |
| 19 | Hydrogeology | <ul style="list-style-type: none"> • Dillon Consulting • Jagger Hims Limited • Stantec Consulting • WESA (Water Earth Science Associated) <u>Scope</u> <ul style="list-style-type: none"> • Azimuth Environmental Consulting • R.J. Burnside & Associates Ltd. | 17 | \$ 791,046 |
| 20 | Designated Substance Survey (Asbestos/Mold) | <ul style="list-style-type: none"> • Amec Earth and Environmental • Trow Consulting <u>Scope</u> <ul style="list-style-type: none"> • REA (Resource Environmental Associates) | 19 | \$ 453,921 |
| 21 | Terrestrial & Avian Ecology | <ul style="list-style-type: none"> • Dillon Consulting • Dougan & Associates • Ecoplans | 7 | \$ 150,466 |
| 22 | Fisheries Biology | <ul style="list-style-type: none"> • Aquafor Beech • C. Portt & Associates • Dillon Consulting | 1 | \$ 12,155 |
| 23 | Public Consultation and Facilitation | <ul style="list-style-type: none"> • Dillon Consulting • Ehl Harrison Consulting • Hardy Stevenson & Associates • LURA • Urban Strategies Inc. <u>Scope</u> <ul style="list-style-type: none"> • Amos Environmental | 13 | \$ 342,067 |

2007-2008 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|--|--|------------------------------|--------------------------------|
| 24 | Roof Consulting | <ul style="list-style-type: none"> • Aegis Wilson • Peto MacCallum Ltd. | 20 | \$ 490,594 |
| | | <ul style="list-style-type: none"> • Thermaco Engineering • Trow Consulting | | |
| 25 | Land Use Planning | <ul style="list-style-type: none"> • Dillon Consulting Limited • Monteith Brown Planning Consultants Ltd. • Sorensen Gravely Lowes Planning Associates Inc. | 3 | \$ 193,325 |
| 26 | Subsurface Infrastructure Assessment and Trenchless Technologies | <ul style="list-style-type: none"> • Robinson Consultants • R.V. Anderson Associates • Stantec Consulting • UMA Engineering | 24 | \$ 1,286,714 |
| 27 | Built Heritage and Cultural Landscape | <ul style="list-style-type: none"> • Archaeological Services Inc. • Unterman McPhail Associates • Wendy Shearer Landscape Architect Limited • <u>Scope</u> • Spencer R. Higgins Architect | 3 | \$ 20,798 |
| 28 | Secondary Planning | <ul style="list-style-type: none"> • GSP Group Inc. • Meridian Planning Consultants • Sorensen Gravely Lowes Planning Associates | 1 | \$ 32,351 |
| 29 | Mechanical Engineering | <ul style="list-style-type: none"> • Earth Tech Canada • PT Engineering Ltd. | 14 | \$ 198,944 |
| 30 | Electrical Engineering | <ul style="list-style-type: none"> • Group 8 Engineering • PT Engineering Ltd. | 10 | \$ 96,500 |
| 31 | Interior Design Services | <ul style="list-style-type: none"> • Milton Design • Norr Limited Architects | 8 | \$ 145,690 |
| 32 | Traffic Engineering | <ul style="list-style-type: none"> • Dillon Consulting • iTrans Consulting • <u>Scope</u> • Intus Road Safety Engineering • Synetics Transportation Consultants Inc. | 12 | \$ 225,101 |
| 33 | Structural Engineering | <ul style="list-style-type: none"> • JNE Consulting • KMK Consultants • <u>Scope</u> • SP Design | 10 | \$ 177,110 |
| 34 | Transportation Corridor Noise Modelling | <ul style="list-style-type: none"> • Aerocoustics Engineering • Jade Acoustics Inc. • Marshall Macklin Monaghan | 2 | \$ 21,030 |
| 35 | Development Engineering Peer Review | <ul style="list-style-type: none"> • MTE Consultants • Philips Engineering • <u>Scope</u> • Hatch Mott MacDonald | 3 | \$ 50,046 |
| 36 | Asset Management Review | <ul style="list-style-type: none"> • IDx Infrastructure Dynamix • Stantec Consulting • UMA Engineering | 14 | \$ 691,812 |

| | | |
|----------------------------------|-----------|-------------------|
| Total Number of Contracts | | 663 |
| Total cost of contracts | \$ | 23,474,319 |
| Average cost of contracts | \$ | 35,406 |

2009-2010 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|--|--|------------------------------|--------------------------------|
| 1 | Municipal Engineering Services | <ul style="list-style-type: none"> • AECOM • Dillon Consulting Limited • IBI Group • McCormick Rankin • SNC-Lavalin • Stantec Consulting <u>Scope</u> <ul style="list-style-type: none"> • S. Llewellyn Associates • URBEX Engineering Limited • Van de Woerd & Associates | 29 | \$ 1,650,000 |
| 2 | Construction Management and Inspection Services | <ul style="list-style-type: none"> • AECOM • Dillon Consulting • Genivar • MTE • McCormick Rankin • Philips Engineering • SNC-Lavalin • Stantec Consulting <u>Scope</u> <ul style="list-style-type: none"> • J&M Structural • S. Llewellyn Associates • Urbex | 37 | \$ 2,260,000 |
| 3 | Transportation Engineering and Planning | <ul style="list-style-type: none"> • AECOM • iTrans Consulting • McCormick Rankin <u>Scope</u> <ul style="list-style-type: none"> • J. Ourston Roundabouts Canada • Watson & Associates | 47 | \$ 1,750,000 |
| 4 | Structural Engineering Services / Transportation | <ul style="list-style-type: none"> • AECOM • Dillon Consulting • McCormick Rankin • Philips Engineering • SNC Lavalin <u>Scope</u> <ul style="list-style-type: none"> • J&M Engineering | 24 | \$ 1,280,000 |
| 5 | Wastewater Treatment Engineering and Construction Management | <ul style="list-style-type: none"> • AECOM • CH2M Hill Canada Ltd. • Conestoga Rovers & Assoc. • Genivar <u>Scope</u> <ul style="list-style-type: none"> • Eramosa • Hatch Mott MacDonald • R.E. Poisson Engineering • UEM | 43 | \$ 2,750,000 |
| 6 | Water Treatment Engineering and Construction Management | <ul style="list-style-type: none"> • CH2M Hill Canada Ltd. • Genivar • R.V. Anderson Associates <u>Scope</u> <ul style="list-style-type: none"> • ASI Group • EMA Canada Inc. • R.E. Poisson Engineering | 9 | \$ 700,000 |
| 7 | Environmental Planning Process | <ul style="list-style-type: none"> • AECOM • Dillon Consulting • Ecoplans Limited • SNC-Lavalin <u>Scope</u> <ul style="list-style-type: none"> • iTrans Consulting • Watson Associates | 12 | \$ 560,000 |

2009-2010 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|---|---|------------------------------|--------------------------------|
| 8 | Solid Waste Management | <ul style="list-style-type: none"> • AECOM • AMEC Earth and Environmental • Dillon Consulting • SNC –Lavalin • Urban and Environmental Mgmt <u>Scope</u> <ul style="list-style-type: none"> • Azimuth Environmental • Comcor Environmental • Jacques Whitford | 34 | \$ 690,000 |
| 9 | Stormwater Management / Water Resources Engineering | <ul style="list-style-type: none"> • Aquafor Beech <ul style="list-style-type: none"> • McCormick Rankin • Philips Engineering • SNC-Lavalin <u>Scope</u> <ul style="list-style-type: none"> • XCG | 26 | \$ 1,260,000 |
| 10 | Landscape Architecture | <ul style="list-style-type: none"> • Alexander Budrevics and Associates • du Toit Allsopp Hillier • ENVISION – the Hough Group • Fleisher Ridout Partnership Inc. • G. O’Connor Consultants • GSP Group Inc. • PMA Landscape Architects • The MBTW Group <u>Scope</u> <ul style="list-style-type: none"> • Kenneth J. Hoyle • Dougan & Associates | 29 | \$ 1,320,000 |
| 11 | Architectural and Interior Design Services | <ul style="list-style-type: none"> • Graff Grguric Architects <ul style="list-style-type: none"> • Kathryn Vogel Architect • McCallum Sather Architects • Their & Curran Architects <u>Scope</u> <ul style="list-style-type: none"> • R.F. Lintack Architects | 131 | \$ 2,100,000 |
| 12 | Geotechnical Investigation and Inspection Services | <ul style="list-style-type: none"> • AMEC Earth & Environmental <ul style="list-style-type: none"> • Golder Associates • Peto MacCallum Ltd. • Soil-Mat Engineers • Trow Associates | 66 | \$ 2,180,000 |
| 13 | Wastewater Collection Systems Engineering Services | <ul style="list-style-type: none"> • AECOM <ul style="list-style-type: none"> • Aquafor Beech • Hatch Mott MacDonald • XCG Consultants <u>Scope</u> <ul style="list-style-type: none"> • Calder Engineering • Thompson Flow Investigations Ltd. | 10 | \$ 690,000 |
| 14 | Water Distribution Systems Engineering Services | <ul style="list-style-type: none"> • AECOM <ul style="list-style-type: none"> • Genivar Ontario, Inc. • Hatch Mott MacDonald • Stantec Consultants | 4 | \$ 190,000 |
| 15 | Professional Land Survey and Geomatics Services | <ul style="list-style-type: none"> • JD Barnes Ltd./First Base Solutions <ul style="list-style-type: none"> • Marshall Macklin Monaghan • Mackay, Mackay and Peters <u>Scope</u> <ul style="list-style-type: none"> • Angus Geo Solutions Inc. | 24 | \$ 830,000 |

2009-2010 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|--|--|------------------------------|--------------------------------|
| 16 | Project Management (Buildings) and Facility Management | <p><u>Buildings</u></p> <ul style="list-style-type: none"> • Dillon Consulting • MHPM Project Managers • Philips Engineering <p><u>Scope</u></p> <ul style="list-style-type: none"> • Jacques Whitford <p><u>Facilities</u></p> <ul style="list-style-type: none"> • AM/FM Consulting • Evans Consulting | 18 | \$ 890,000 |
| 17 | Environmental Site Assessment / Remediation Services | <ul style="list-style-type: none"> • AECOM • AMEC Earth and Environmental • Dillon Consulting • Jagger Hims Limited • MTE Consultants <p><u>Scope</u></p> <ul style="list-style-type: none"> • Pottinger Gaherty Environm | 43 | \$ 750,000 |
| 18 | Archaeology | <ul style="list-style-type: none"> • ASI Group Ltd. • Historic Horizons • Timmins Martelle Heritage Consultants Inc. • The Central Archaeology Group | 18 | \$ 280,000 |
| 19 | Hydrogeology | <ul style="list-style-type: none"> • Dillon Consulting • SNC Lavalin • Stantec Consulting <p><u>Scope</u></p> <ul style="list-style-type: none"> • Earth FX • Waterloo Hydrogeologic Inc. (WHI) | 12 | \$ 450,000 |
| 20 | Legislative Compliance | <ul style="list-style-type: none"> • Amec Earth and Environmental • Trow Consulting <p><u>Scope</u></p> <ul style="list-style-type: none"> • MTE | 45 | \$ 410,000 |
| 21 | Terrestrial and Avian Ecology and Fisheries Biology | <ul style="list-style-type: none"> • Dillon Consulting • Dougan & Associates • Ecoplans <p><u>Scope</u></p> <ul style="list-style-type: none"> • CPortt | 9 | \$ 270,000 |
| 23 | Public Consultation and Facilitation | <ul style="list-style-type: none"> • Dillon Consulting • Hardy Stevenson & Associates • LURA • Urban Strategies Inc. | 10 | \$ 310,000 |
| 24 | Roof Consulting and Engineering Services | <ul style="list-style-type: none"> • CGA Roofing • Fishburn • Peto MacCallum Ltd. • Thermaco Engineering | 17 | \$ 290,000 |
| 25 | Land Use Planning | <ul style="list-style-type: none"> • Dillon Consulting Limited • Marshall Macklin Monaghan Group • Sorensen Gravely Lowes Planning Associates Inc. | 2 | \$ 60,000 |
| 26 | Subsurface Infrastructure Assessment and Trenchless Rehabilitation | <ul style="list-style-type: none"> • AECOM • Robinson Consultants • R.V. Anderson Associates | 25 | \$ 1,300,000 |

2009-2010 Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|---|---|------------------------------|--------------------------------|
| 27 | Built Heritage , Heritage Architectural and Cultural Heritage Landscape | <u>Built Heritage and Cultural Heritage Landscape</u> <ul style="list-style-type: none"> • Archaeological Services Inc. • Steve Burgess (SBA) • Wendy Shearer Landscape Architect Limited <u>Heritage Architectural Consulting Services</u> <ul style="list-style-type: none"> • Goldsmith Borgal and Co. • Spencer R. Higgins Architect • Steve Burgess (SBA) | 20 | \$ 720,000 |
| 31 | Water and Wastewater Facility Assessment | <ul style="list-style-type: none"> • Conestoga Rovers & Associates • Genivar • R.V. Anderson Associates | 11 | \$ 790,000 |
| 32 | Water and Wastewater Sustainable Facility Planning | <ul style="list-style-type: none"> • CH2M Hill Canada Ltd. • R.V. Anderson Associates <u>Scope</u> <ul style="list-style-type: none"> • Watson & Associates | 3 | \$ 250,000 |
| 33 | Structural Engineering Services – Buildings | <ul style="list-style-type: none"> • JNE Consulting • Philips Engineering | 17 | \$ 290,000 |
| 34 | Building Sciences | <u>Energy Analysis</u> <ul style="list-style-type: none"> • Building Innovation • Efficiency Engineering <u>LEED</u> <ul style="list-style-type: none"> • Efficiency Engineering • Morrison Hershfield <u>Renewable Energy</u> <ul style="list-style-type: none"> • Building Innovation • Efficiency Engineering <u>Electrical Engineering</u> <ul style="list-style-type: none"> • AECOM • Group 8 Engineering • Morrison Hershfield <u>Scope - Lighting</u> <ul style="list-style-type: none"> • Dynamic Energy Services • Lighting Technical Design <u>Mechanical Engineering</u> <ul style="list-style-type: none"> • Building Innovation • Efficiency Engineering • Group 8 Engineering • Morrison Hershfield <u>Scope – Building Envelope</u> <ul style="list-style-type: none"> • Genivar • Peto MacCallum Ltd. | 78 | \$ 2,210,000 |
| 35 | Development Engineering Peer Review | <ul style="list-style-type: none"> • Philips Engineering Ltd. • MTE <u>Scope</u> <ul style="list-style-type: none"> • Jade Acoustics Ltd. | 8 | \$ 220,000 |
| 36 | Infrastructure Asset Management | <ul style="list-style-type: none"> • AECOM • R.V. Anderson Associates • Stantec Consulting | 15 | \$ 1,020,000 |

| | | |
|----------------------------------|-----------|-------------------|
| Total Number of Contracts | | 876 |
| Total cost of contracts | \$ | 30,720,000 |
| Average cost of contracts | \$ | 35,068 |

APPENDIX "C"
REPORT PW11038

Information Services Roster Information

| Cat. No. | Roster Category | Successful Roster Consultants | Number of Assignments | \$ Value of Assignments |
|-----------------|---|--|------------------------------|--------------------------------|
| 1 | PeopleSoft Services | <ul style="list-style-type: none"> • BTRG Inc. • Katalogic • Solutia SDO Limited • Spyre Solutions | 5 | \$ 533,000 |
| 2 | Database Services | <ul style="list-style-type: none"> • Angus GeoSolutions Inc. • Bevertec CST Inc. • Iserve Technology Consulting Ltd. • Millenium Consulting • Vision 4IT Inc. | 5 | \$ 84,200 |
| 3 | Infrastructure Services | <ul style="list-style-type: none"> • Unis Lumin Inc. | 6 | \$ 149,900 |
| 4 | Security Services | <ul style="list-style-type: none"> • 2021945 Ontario Inc. c.o.b. Digital Boundary Group • Deloitte & Touche LLP • MTS AllStream • Unil Lumin Inc. | 1 | \$ 18,000 |
| 5 | Business Advisory Services | <ul style="list-style-type: none"> • Bevertec CST Inc. • Hatch Mott MacDonald • MTS AllStream • Solutia SDO Limited • The Manta Group | 0 | \$ - |
| 6 | Business Application Services | <ul style="list-style-type: none"> • Bevertec CST Inc. • Infusion Development Corp. • Iserve Technology Consulting Ltd. • Navantis Inc. | 3 | \$ 89,600 |
| 7 | Geographic Information Systems Services | <ul style="list-style-type: none"> • Angus GeoSolutions Inc. • First Base Solutions Inc. | 0 | \$ - |
| 8 | Microsoft Business Services | <ul style="list-style-type: none"> • Agora Consulting Partners Inc. • Infusion Development Corp. | 5 | \$ 152,300 |
| 9 | Print Optimization Services | <ul style="list-style-type: none"> • Ashburnham Group Inc. • Printo Operations Group | 2 | \$ 95,200 |
| 10 | FrontRange Busines Services | <ul style="list-style-type: none"> • Avante Solutions Inc. • Kifinti Solutions | 0 | \$ - |
| 11 | Document & Records Management Services | <ul style="list-style-type: none"> • BDMK Consultants • BPO Management Services, Ltd. • CDIT Inc. | 0 | \$ - |

| | | | |
|----------------------------------|-----------|------------------|--|
| Total Number of Contracts | | 27 | |
| Total cost of contracts | \$ | 1,122,200 | |
| Average cost of contracts | \$ | 41,563 | |

Successful Roster Consultants - 2007-2008

| | |
|------------------------------------|---|
| Associated Engineering | Mackay, Mackay and Peters |
| A.E.Bowler Associates | MacViro Consultants |
| Aegis Wilson | Marshall Macklin Monaghan |
| Aerocoustics Engineering | McCallum Sather Architects |
| Alexander Budrevics and Associates | McCormick Rankin |
| Amec Earth and Environmental | Meridian Planning Consultants |
| | MHPM Project Managers |
| Aquafor Beech | Milton Design |
| Archaeological Services Inc. | Monteith Brown Planning Consultants Ltd. |
| ASI Group Ltd. | MTE Consultants |
| Associated Engineering | Norr Limited Architects |
| Azimuth Environmental Consulting | OCTC (Odour & Corrosion Technology Consultants) |
| C. Portt & Associates | Ourston Roundabouts Canada |
| Calder Engineering | Peto MacCallum Ltd. |
| CH2M Hill Canada Ltd. | PGM Design Associates |
| Comcor Environmental Limited | Philips Engineering |
| Conestoga Rovers & Assoc. | PMA Landscape Architects |
| Delcan Corporation | PT Engineering Ltd. |
| Dillon Consulting Limited | R.E. Poisson Engineering |
| Dougan & Associates | R.F. Lintack Architects |
| DPRA | R.J. Burnside & Associates Ltd. |
| du Toit Allsopp Hillier | R.V. Anderson Associates |
| Earth Tech Canada | REA (Resource Environmental Associates) |
| Ecoplans Limited | Robinson Consultants |
| Ehl Harrison Consulting | SNC –Lavalin |
| ENVISION – the Hough Group | Soil-Mat Engineers |
| Eramosa Engineering Inc. | Sorensen Gravely Lowes Planning Associates Inc. |
| G. O'Connor Consultants | SP Design |
| GEOtivity Incorporated | Spencer R. Higgins Architect |
| Giffels Associates Limited | Stantec Consulting |
| Golder Associates | Strybos Associates Ltd. |
| Group 8 Engineering | Synetics Transportation Consultants Inc. |
| GSP Group Inc. | Terraprobe Limited |
| Hardy Stevenson & Associates | The MBTW Group |
| Hatch Mott MacDonald | Their & Curran Architects |
| Historic Horizons | Thermaco Engineering |
| Hydromantis | Totten Sims Hubicki |

Successful Roster Consultants - 2007-2008

| | |
|---|---|
| IBI Group | Trow Consulting |
| IDx Infrastructure Dynamix | UEM |
| Insyght Systems Inc. | UMA Engineering Limited |
| Intus Road Safety Engineering | Unterman McPhail Associates |
| iTrans Consulting | Urban and Environmental Mgmt |
| J&M Engineering | Urban Strategies Inc. |
| Jacques Whitford | Urbex |
| Jade Acoustics Inc. | V2PM |
| Jagger Hims Limited | Vermeulen/Hind Architects |
| Janet Rosenberg & Associates | W.J. Hargrave & Company Inc. |
| JD Barnes Ltd./First Base Solutions | Wardrop Engineering |
| JEGEL (John Emery Geotechnical Engineering Limited) | Watson & Associates |
| JNE Consulting | Wendy Shearer Landscape Architect Limited |
| Kelleher Environmental | WESA (Water Earth Science Associated) |
| KMB International | Weslake Inc. |
| KMK Consultants Limited | XCG Consultants |
| LURA | |

APPENDIX "E"
REPORT PW11038

Successful Roster Consultants - 2009-2010

| | |
|------------------------------------|---|
| AECOM | Jagger Hims Limited |
| Alexander Budrevics and Associates | JD Barnes Ltd./First Base Solutions |
| AM/FM Consulting | JNE Consulting |
| AMEC Earth & Environmental | Kathryn Vogel Architect |
| Angus Geo Solutions Inc. | Kenneth J. Hoyle |
| Aquafor Beech | Lighting Technical Design |
| Archaeological Services Inc. | LURA |
| ASI Group Ltd. | Mackay, Mackay and Peters |
| Azimuth Environmental | Marshall Macklin Monaghan |
| Building Innovation | McCallum Sather Architects |
| Calder Engineering | McCormick Rankin |
| CGA Roofing | MHPM Project Managers |
| CH2M Hill Canada Ltd. | Morrison Hershfield |
| Comcor Environmental | MTE Consultants |
| Conestoga Rovers & Assoc. | Peto MacCallum Ltd. |
| Cportt | Philips Engineering |
| Dillon Consulting | PMA Landscape Architects |
| Dougan & Associates | Pottinger Gaherty Environm |
| du Toit Allsopp Hillier | R.E. Poisson Engineering |
| Dynamic Energy Services | R.F. Lintack Architects |
| Earth FX | R.V. Anderson Associates |
| Ecoplans | Robinson Consultants |
| Efficiency Engineering | S. Llewellyn Associates |
| EMA Canada Inc. | SNC Lavalin |
| ENVISION - the Hough Group | Soil-Mat Engineers |
| Eramosa | Sorensen Gravely Lowes Planning Associates Inc. |
| Evans Consulting | Spencer R. Higgins Architect |
| Fishburn | Stantec Consultants |
| Fleisher Ridout Partnership Inc. | Steve Burgess (SBA) |
| G. O'Connor Consultants | The Central Archaeology Group |
| Genivar | The MBTW Group |
| Golder Associates | Their & Curran Architects |
| Goldsmith Borgal and Co. | Thermaco Engineering |
| Graff Grguric Architects | Thompson Flow Investigations Ltd. |
| Group 8 Engineering | Timmins Martelle Heritage Consultants Inc. |
| GSP Group Inc. | Trow Associates |
| Hardy Stevenson & Associates | UEM |
| Hatch Mott MacDonald | Urban and Environmental Mgmt |
| Historic Horizons | Urban Strategies Inc. |
| IBI Group | URBEX Engineering Limited |
| iTrans Consulting | Van de Woerd & Associates |
| J&M Engineering | Waterloo Hydrogeologic Inc. (WHI) |
| J. Ourston Roundabouts Canada | Watson & Associates |
| Jacques Whitford | Wendy Shearer Landscape Architect Limited |
| Jade Acoustics Ltd. | XCG Consultants |