



TORONTO AND REGION CONSERVATION AUTHORITY

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Friday, April 30, 2010

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THE TORONTO AND REGION CONSERVATION AUTHORITY

MEETING OF THE AUTHORITY #4/10
May 21, 2010

The Authority Meeting #4/10, was held in the South Theatre, Black Creek Pioneer Village, on Friday, May 21, 2010. The Chair Gerri Lynn O'Connor, called the meeting to order at 9:35 a.m.

PRESENT

Eve Adams	Member
Paul Ainslie	Member
Maria Augimeri	Vice Chair
Bryan Bertie	Member
Laurie Bruce	Member
Gay Cowbourne	Member
Glenn De Baeremaeker	Member
Mike Del Grande	Member
Bill Fisch	Member
Grant Gibson	Member
Pamela Gough	Member
Suzan Hall	Member
Jack Heath	Member
Colleen Jordan	Member
Glenn Mason	Member
Ron Moeser	Member
Gerri Lynn O'Connor	Chair
Linda Pabst	Member
John Parker	Member
Anthony Perruzza	Member
John Sprovieri	Member
Richard Whitehead	Member

ABSENT

David Barrow	Member
Lois Griffin	Member
Bonnie Littley	Member
Peter Milczyn	Member
Maja Prentice	Member
Gino Rosati	Member

RES.#A69/10 - MINUTES

Moved by: Linda Pabst
Seconded by: Bryan Bertie

THAT the Minutes of Meeting #3/10, held on April 30, 2010, be approved.

CARRIED

PRESENTATIONS

- (a) A presentation by Anthony Templer, Elder with Peel Aboriginal Network, in regard to item AUTH7.1 - Peel Aboriginal Network Partnership.
- (b) A presentation by Lionel Normand, Terrestrial Biologist (Duffins/Carruthers/Petticoat/Frenchman's Bay), TRCA, in regard to item EX8.4 - Urban Forest Studies.

RES.#A70/10 - PRESENTATIONS

Moved by: Linda Pabst
Seconded by: Gay Cowbourne

THAT above-noted presentation (a) be heard and received.

CARRIED

RES.#A71/10 - PRESENTATIONS

Moved by: Colleen Jordan
Seconded by: Ron Moeser

THAT above-noted presentation (b) be heard and received.

CARRIED

CORRESPONDENCE

- (a) A letter dated May 19, 2010 from Doug Hall, President, Camis Inc., in regard to item AUTH7.4 - Reservations, Bookings and Point of Sale Software.

RES.#A72/10 - CORRESPONDENCE

Moved by: Bill Fisch
Seconded by: Jack Heath

THAT above-noted correspondence (a) be received.

CARRIED

CORRESPONDENCE (A)



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Wednesday, May 19, 2010

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Gerrilynn O'Connor, Board Chair
Brian Denny, Chief Administrative Officer/Secretary Treasurer
Toronto and Region Conservation Authority
Via Fax to 416-661-6898

With this letter, Camis formally protests the recommendation to award a contract to MediaMix Interactive for the provision of a reservation and point of sale system for your facilities. Proponent evaluation would appear to be flawed in the following key ways.

- The estimated total annual cost for the MediaMix solution is biased. The expected 9,280 annual new reservations mentioned in the RFP plus an additional 1,600 changes and cancellation transactions would result in an annual cost of at least \$108,800. This would inevitably rise once customers are allowed to make site specific on-line reservations. Camis provided a fixed annual cost of \$49,990.
- The evaluation stated that Camis has no call centre capabilities. This is incorrect. Our Guelph call centre has been in operation for eleven years and currently takes reservations for the Upper Thames River Conservation Authority, Nova Scotia Provincial Parks, British Columbia Provincial Parks, and Washington State Parks. If, in fact, providing call centre services is a requirement – rather than a discretionary item as stated in the RFP – Camis will happily provide a quote for this service.
- Given that the TRCA has elected to contract with MediaMix whose pricing is higher than that of Camis, one would assume that the TRCA gave MediaMix a higher score on items such as software capability, qualifications, experience, personnel, and references. This can only be the result of a lack of due diligence in ascertaining MediaMix performance with its two main customers – Parks Canada and Ontario Provincial Parks. Of particular note is the failure of MediaMix to live up to many of its contractual commitments to Ontario Parks and demonstrated inadequacies in its Ontario Parks software solution – particularly its in-park point of sale solution.

- The recommended MediaMix solution appears to be contrary to several mandatory RFP requirements including the ability to provide functionality in the event of an Internet outage and the ability to operate over a dial-up Internet connection. The solution proposed by Camis meets both of these criteria.

Camis requests that the TRCA postpone the award of a contract pending further evaluation of the proponents. In particular, Camis requests that TRCA staff consult in depth with Ontario Parks, Parks Canada, BC Parks, Washington State Parks, and Nova Scotia Parks in order to further evaluate the relative merits of the MediaMix and Camis systems and to further evaluate each company's history in meeting performance standards and in meeting implementation timelines. Camis further requests that the TRCA spend much more time evaluating each company's full software solution.

Yours sincerely,



Doug Hall
President, Camis Inc.

SECTION I - ITEMS FOR AUTHORITY ACTION

RES.#A73/10 - ABORIGINAL MEDICINE WHEEL GARDEN AT HEART LAKE CONSERVATION AREA

Update on the construction of an Aboriginal Medicine Wheel Garden at Heart Lake Conservation Area.

Moved by: Linda Pabst
Seconded by: Gay Cowbourne

THAT the staff report and presentation by Anthony Templar of the Peel Aboriginal Network on the Aboriginal Medicine Wheel Garden at Heart Lake Conservation Area be received;

THAT the Aboriginal Medicine Wheel Garden be integrated as an important cultural feature in future outdoor educational activities at the Heart Lake Conservation Area;

THAT the Peel Aboriginal Network be thanked for their partnership;

AND FURTHER THAT members of the Authority be invited to attend the official opening of the Aboriginal Medicine Wheel Garden on Saturday, May 29, 2010 from 11am to 1pm at Heart Lake Conservation Area.

CARRIED

BACKGROUND

At Authority Meeting #5/06, held on June 23, 2006, Resolution #A133/06 endorsed the Heart Lake Conservation Area Master Plan as follows:

THAT the Heart Lake Conservation Area Master Plan, dated June 1, 2006, be approved;

AND FURTHER THAT funding for the implementation of the plan be included in the Toronto and Region Conservation Authority (TRCA) capital budget plan for Peel Region, 2007-2011.

The Heart Lake Conservation Area Master Plan was developed to protect, conserve and restore the valuable ecological features and functions of Heart Lake Conservation Area (HLCA), while guiding the current and potential future public uses of the area. The plan identifies specific management zones for the site, which delineate and guide the types and levels of appropriate activities. The plan also makes recommendations for future initiatives, including the protection of natural features and habitat regeneration based on an ecosystem approach to planning and management. In addition detailed plans for trails and public use were included.

The following vision statement was developed, and should guide all current and future actions:

The Heart Lake Conservation Area is regarded as a significant conservation park that forms a key environmental, cultural and social component of an established urban community in The Living City. The park, which will be used for nature-based recreation and as a living classroom, will be managed with a stewardship approach that allows natural communities to prosper.

One of the key recommendations of the HLCA Master Plan is the development of a Medicinal Wheel Garden in Partnership with the Peel Aboriginal Network.

Toronto and Region Conservation Authority, in partnership with the Heart Lake Community Action Area Group (HLCAG), the Peel Aboriginal Network (PAN), the City of Brampton and dedicated volunteers, have worked together to create a special and unique garden at Heart Lake Conservation Area. With guidance from the local aboriginal community, staff and volunteers worked together to build a garden by hand, creating a space for healing, celebration and peace for all.

Medicine Wheel Garden

A Medicine Wheel Garden is the creation of a Sacred space for Healing, Celebration and Peace. The Aboriginal Medicine Wheel Garden honours Mother Earth's seasonal cycles, sacred cardinal directions, four sacred medicines (sage, sweetgrass, tobacco and cedar), the four sacred colours (yellow, red, black and white), the cycles of life, the Aboriginal people and their culture. The teachings associated with the Aboriginal Medicine Wheel Garden are linked to the four cardinal directions and their seven grandfather teachings of honesty, respect, humility, love, wisdom, truth and courage.

Features of the garden include, four mulched pathways separating garden beds representing the four cardinal directions, north, south, east and west. At the end of each garden there are four hand-crafted wooden benches each carved with the following animal symbols: eagle, turtle, buffalo and bear. The centre of the garden has been planted with a beautiful Eastern White cedar and the garden beds have been planted through community efforts with various native medicinal plants.

The official opening of the Aboriginal Medicine Wheel Garden will be celebrated on Saturday, May 29, 2010 from 11am to 1pm at Heart Lake Conservation Area and will include archeological activities, plantings and a traditional opening ceremony.

DETAILS OF WORK TO BE DONE

- continue to work with the Heart Lake Project Team and Peel Aboriginal Network to monitor, enhance and perform ongoing maintenance on the Garden;
- plan and implement the official opening of the Aboriginal Medicine Wheel Garden scheduled to take place on May 29th from 11am to 1pm at HLCA.

FINANCIAL DETAILS

This project is part of the Heart Lake Master Plan implementation funded partly (\$10,000) by the Peel Natural Heritage Regeneration budget. Additional matching funding (\$8,000) has been made available through the TD Friends of the Environment Foundation and this project has also received significant in-kind support from the Heart Lake Community Action Group, City of Brampton, Peel Aboriginal Network and local community members.

Report prepared by: Vince D'Elia, extension 5667

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Date: May 3, 2010

Attachments: 1

Attachment 1

Article written by Jason Matthews, an area resident who as dedicated a tremendous amount of time towards the construction and maintenance of the Aboriginal Medicine Wheel Garden at Heart Lake Conservation Area

Circle of Life

Boozhoo Aaniin, (Greetings) as the Anishnaabek (Objiwe) would say, I feel very fortunate to be sharing with you a privileged and wonderful opportunity. A few months ago a I met a group of passionate people that were working along side the aboriginal community on a special project to give back to the earth and to help others. This was the start of a beautiful Aboriginal Medicine Wheel Garden located at Heart Lake Conservation Area in Brampton. This Medicine Wheel Garden has been made possible through a wonderful partnership between the Peel Aboriginal Network, Toronto and Region Conservation, the Heart Lake Community Action Group, the Region of Peel, the City of Brampton and tremendous volunteer support from the local community.

What is a Medicine Wheel Garden? It is the creation of a Sacred space for Healing, Celebration and Peace. It Honors Mother Earth's seasonal cycles and as the garden changes the circle of life continues. The concept of the Medicine Wheel Garden originated with the Sacred Medicine Wheel. It honours the four sacred cardinal directions, four sacred medicines (sage, sweetgrass, tobacco and cedar), the four sacred colours (yellow, red, black and white), the four seasons and the cycles of life.

The teachings are vast and my descriptions humbly represent a small fragment of their wholeness.. The medicine circle shows respect to the four cardinal directions, Mother Earth, Father Sky, Grandmother Moon and the Star People. The four directions have teachings and sub teaching designed to guide and ease our life's struggles, to heal and direct us on how to tread lightly on Mother Earth and show respect for all that is living. By creating a wheel, you are symbolically creating a universe (microcosm) within the universe (macrocosm) and creating a sacred place of healing,. To quote an Ojibwe Elder, "Just bring in the presence of a wheel, people will heal... Of course healing can be interpreted in several different ways and it can simply be an epiphany that emancipates you from a state of suffering.

The Anishnaabek (Objiwe) often referred to the medicine wheel as the circle of life symbolizing the natural cycles such as birth, growth, death, regeneration, times of day, seasons and sacred medicinal herbs. The architecture of the wheel is created using a numerical system featuring the numbers 7 and 4. The number 7 represents the seven sacred directions; they are Father Sky which is blue, Mother Earth which is green, purple which is the Creator and the 4 cardinal directions. There are also the seven grandfather teachings which are Honesty, Respect, Humility, Love, Wisdom, Truth and Courage. These teachings represent the characteristics that exist in all us and are most important for us to cultivate in order to find happiness in ourselves and to assist others. They are also needed in order to "connect" for guidance along the journey of life, and to help others heal.

The number 4 represents the colors, Yellow, Red, Black, and White which are used to refer to the four colors of man as well as the animal archetypes Eagle, Turtle, Buffalo and Bear which are part of the teachings of the four sacred or cardinal directions. It also represents the four phases of life which are birth, adolescence, adulthood and elder. These are also part of and not separate from the 4 sacred directions, they are East Eagle (yellow), South Turtle (red), West Buffalo (black), North Bear (white).

The center of the circle when the four colors come together is purple, which represents the Creator. This color represents prayer and reflection which is nurtured throughout our everyday lives. We can relate to this through our everyday experiences and decide whether we respond like a blazing inferno or reflect on what we have learned, so we do not harm others.

In the East, the directional color is yellow which represents new beginnings, new day, the beginning of the seasons (spring) and the beginning of life for humans. The animal for this direction is the Eagle which flies closest to the creator and is a messenger between the creator and people. There is a story of an eagle asking the Creator not to destroy the earth because the Anishnaabek had been straying from the old ways of living in harmony with the earth. The eagle promised to find the people who knew how to live this way. So eagle flew out each morning until he found a small group of Anishnaabek people living in the traditional way. This is why the Aboriginal people have a sunrise ceremony to show respect for a new day and for all of creation, they do this by offering Tobacco which is the sacred medicine of the east. The smoke from the tobacco carries the prayers to the spirit world, the great realm of those that give us guidance. The lessons of the east are, honesty, sharing, being kind, open minded, innocence, joy, fullness, hope, guidance and leadership.

In the South the color is red. Red represents the middle of the day, the summer and the time of adolescence in our lives. This direction reminds us to look after our spirits and when you are in balance with yourself, the spirits will guide and tell you "don't go in that direction, go in this direction" - we sometimes refer to this a "gut feeling". The animal of this direction is Grandmother Turtle which represents truth because it is one of the oldest animals on our planet, and deliberate in its approach to life. The turtle is courageous because it only progresses when it sticks its neck out. It moves forward patiently and steadily progresses in order to achieve the desired results. The medicinal herb that is Sacred in this direction is Cedar. In the story about the Grandmother Cedar, she is asked by the creator "to walk with the people and provide assistance and medicine when they are off balance or hurting". Grandmother Cedar accepts this request and this is why she is considered sacred. The medical properties of cedar are vast. Cedar is high in Vitamin C and is often associated with the easing of arthritic pain and tissue healing, assisting with chest colds and allergies, and the creation of bile salts in order to help with proper digestion..

In the West the color is black, it represents sunset, autumn, a time of harvest, and it also represents adulthood. By this time we have experienced death and loss and we learn about impermanence and that everything is governed by time. The west is the doorway to the spirit world. This door is guarded by the buffalo which is sacred because of all the wonderful things that the buffalo has done for humans to survive, providing a source of food, clothing, shelter and tools. The lessons that we learn from buffalo include: honor, sharing and being generous with others. The herb that is sacred in this direction is Sage, which is a medicine of the women. Sage can be used as a tea and the smoke can be used for cleansing ceremonies, used to cleanse our spirit. Sage is also used to help us hear, see, smell and taste things in a good way.

At the top of the wheel is the North direction which represents the night time and the winter season. It also represents the period in life when you become an elder, a time of peace, a time to reflect on how you have helped great mother earth and all her children and how you have inspired others and all the wonderful experiences you have had. It is also a place where you disconnect from the physical body.

The elders are the pipe carriers (a sign of respect to be shown) and lodge keepers. They provide us with teachings of the medicine wheel, which help us make peace with ourselves. The elders are cared for, they are the first to feast and they are never made to line up or wait for anything. Even in passing, we give respect to the elders by way of thoughts, memories and physical offerings. Usually a spirit plate is offered with tobacco at the fire or the north direction and the following words spoken: "Grandfathers, Grandmothers, Ancient ones and all our relations, we are here now, have pity on us. We have forgotten to feed you. You have lived a long time without food, and now we are here to honor you. Please come feast with us." The sacred animal for this direction is the bear. Bear medicine teaches us how to face danger, fear, or changes with confidence, it also teaches courage and the importance of fasting because the bear hibernates and doesn't eat until spring. The lessons that we learn in the north include strength and truth, and how to speak from a voice of wisdom to help the younger generation who need guidance. The sacred herb of this direction is sweet grass, the hair of great mother earth because it was the first plant to grow on earth. The grass is braided as if it was mother's hair and the smoke of sweet grass is used for cleansing and offers protection, and is also used when fasting to help take away the hunger.

Now we have gone full circle and you can see the elegance and beauty of this system. Looking at the world through my new eyes, I have a greater love for the earth and truly see the symbiotic relationship we share with her. I think that if we can broaden our perspectives, factor in these teachings into our consciousness, we can truly make a difference with environmental concerns and inspire our youth, for they are the ones that will help us through the time of great healing to come. Miigwech. (Thank you)

The Aboriginal Medicine Wheel is located at the Pineview Picnic site in the Heart Lake Conservation Area (10818 Heart Lake Rd., Brampton, Ontario). The park is open from April 18th to October 12th and park admission is required during operational hours.

Article written by Jason Matthews, an area resident who as dedicated a tremendous amount of time towards the construction and maintenance of the Aboriginal Medicine Wheel Garden at Heart Lake CA.



RES.#A74/10 -

DON MOUTH NATURALIZATION AND PORT LANDS FLOOD PROTECTION PROJECT ENVIRONMENTAL ASSESSMENT

Authority to proceed with submission of draft Environmental Assessment for approval and to pursue opportunities to adopt the Don Mouth Naturalization and Port Lands Flood Protection Project as a "Project" under the Conservation Authorities Act, R.S.O. 1990.

Moved by: Gay Cowbourne
Seconded by: Suzan Hall

THAT the Authority supports the concept design for the preferred alternative as specified in the Individual Environmental Assessment for the Don Mouth Naturalization and Port Lands Flood Protection Project (DMNP EA), subject to endorsement by Toronto Waterfront Revitalization Corporation (TWRC) and Toronto City Council;

THAT the Technical Advisory Committee and Community Liaison Committee be thanked for their assistance throughout the DMNP EA process;

THAT Toronto and Region Conservation Authority (TRCA) staff be directed to complete and submit the DMNP EA to the Ontario Ministry of Environment for consideration upon endorsement of the DMNP EA from TWRC and the City of Toronto to proceed;

THAT staff be directed to continue discussions with TWRC, City of Toronto and other applicable stakeholders regarding the required components for flood protection on privately owned lands identified in the DMNP EA;

THAT staff be directed to explore mechanisms such as a Memorandum of Understanding with TWRC outlining TRCA's continued involvement and funding as the responsible authority for ensuring that the function, and terms and conditions of the DMNP EA, are maintained beyond the approvals stage for the DMNP EA;

THAT staff be directed to develop targeted flood plain management policies for the Lower Don Lands which will continue to minimize flood risk while also supporting and facilitating meeting the vision for a new Don River mouth consistent with the City of Toronto's proposed Official Plan Amendment and/or Zoning Amendment;

THAT staff be directed to seek input from the Province of Ontario in developing these policies and to keep the City of Toronto and TWRC apprised of the development of these policies, and to report back to the Authority;

THAT staff be directed to pursue opportunities, in conjunction with TWRC, to adopt the Don Mouth Naturalization and Port Lands Flood Protection Project, such as a "Project" under the Conservation Authorities Act, R.S.O. 1990, as amended;

AND FURTHER THAT authorized TRCA officials be directed to take all necessary actions to implement the foregoing, including the obtaining of any needed approvals and the signing and execution of any documents.

CARRIED

BACKGROUND

Context of DMNP EA within the Lower Don Lands

The 'Lower Don Lands' is a large area of brownfields located on the east side of the Inner Harbour, in the northwest section of the larger Port Lands area. It will be the next area of the Central Waterfront to be revitalized following the West Don Lands and East Bayfront. Although its revitalization will pose complex technical challenges, it has exceptional potential to create an exciting and beautiful new waterfront district with a unique identity. Revitalization of the Lower Don Lands is a long-term endeavour that will take at least 30 years.

The plans prepared by TWRC for the Lower Don Lands, if implemented, will establish the City of Toronto as a world leader in developing sustainable urban communities and the restoration of degraded natural landscapes. Successful implementation of the Lower Don Lands is also critical to opening up the rest of the vast Port Lands to revitalization.

The 'big move' that drives the re-design of the Lower Don Lands is the creation of a new river valley and mouth for the Don River to restore some of its historical form and function in the harbour. The new valley will extend south and west through the Port Lands with connections to both the Inner Harbour and Ship Channel. The new river valley will remove surrounding lands from flood risk (i.e. more than 230 hectares of land are currently at risk to flooding to the east and south of the existing Don River), create new naturalized habitats, establish much more greenery and parks, and shape the character of the new waterfront communities.

A 'framework plan' for the Lower Don Lands is being considered by City Council and sets out a new structure for the district based on the new river valley. It integrates vibrant new neighbourhood precincts, water's edge green space, and innovative infrastructure and services.

These plans depend on building the new river, related infrastructure and parkland, early in its development to provide essential flood protection and establish basic municipal servicing.

The next challenge facing the Lower Don Lands and the Don Mouth is to obtain the funding to start the detailed design phase so the lands can be flood protected and so redevelopment can commence.

DMNP EA Milestones

The following is a chronological summary of events and milestones leading to the completion of the draft DMNP EA. More comprehensive summaries can be found in select Authority reports referenced herein.

At Authority Meeting #4/00, held on April 28, 2000, Resolution #A86/00 on the Toronto Waterfront Revitalization Task Force was approved, in part, as follows:

THAT the Government of Canada, the Province of Ontario and the City of Toronto be commended for cooperating to launch this critical initiative and that they be encouraged to pursue implementation as quickly as possible;...

...THAT the Authority also commends the recommendations concerning a revitalization of the mouth of the Don including resolution of the flood risk issue which would provide a safer framework for redevelopment of the West Don Lands and the Port Lands;...

...THAT the three levels of government be advised that the Authority sees implementation of the Task Force Report as a major impetus towards achieving the Remedial Action Plan goal of "delisting" the Toronto Waterfront as an "Area of Concern" within the Great Lakes Basin;

AND FURTHER THAT an environmental restoration of this scale is of international significance, represents outstanding business opportunities and constitutes a global imperative.

On March 5, 2001, City of Toronto Mayor Mel Lastman, federal Transport Minister The Honourable David Collenette, and Ontario Deputy Premier and Finance Minister The Honourable Jim Flaherty, announced the commitment of the three governments to the creation of the Toronto Waterfront Revitalization Corporation and the funding for priority capital projects totalling \$300 million. Included in the priority capital projects was a \$2 million allocation for the Environmental Assessment and Functional Design for the Naturalization and Flood Protection for the Lower Don River, and the identification that the project will be managed by TRCA.

The objectives established for the Lower Don project as outlined in a City of Toronto report from the office of the City of Toronto, Chief Administrative Officer, dated April 2, 2001, to the City Policy and Finance Committee, were identified and include:

1. To clean up a significant local source of soil and groundwater pollution;
2. To establish a corridor of land for the Don River that provides:
 - (a) Natural, stable, river channel and river mouth;
 - (b) Healthy lake, river and shoreline habitat;
 - (c) Natural habitat link between Lake Ontario and Don River Valley; and
 - (d) Pedestrian and bicycle trail links between Lake Ontario Trails and Don River Valley trails;
3. To provide a flood protection solution for the West Don Lands that enables removal of the Holding Symbol;
4. To remove all other developable lands from the Regulatory Flood Plain and remove the Special Policy Area designations in the Lower Don Lands;
5. To maintain existing road traffic capacity through or around the affected area; and
6. To maintain a rail connection to the Port Industrial Area and the East Bayfront.

At Authority Meeting #3/01, held on April 27, 2001, Resolution #A58/01 in regard to the Lower Don River Environmental Assessment and Functional Design for the Toronto Waterfront Revitalization Initiative, was approved, in part, as follows:

THAT the Government of Canada, the Province of Ontario, and the City of Toronto be advised that the TRCA will undertake the Naturalization and Flood Protection for the Lower Don River: Environmental Assessment and Functional Design component of the Toronto Waterfront Revitalization Initiative and will make every reasonable effort to complete the project through to the submission of the Environmental Assessment within the 18 month time frame established for the work;

THAT the staff be directed to expedite the necessary contracts or agreements with the Interim Waterfront Corporation necessary to enable the Environmental Assessment and Functional Design for the Naturalization and Flood Protection for the Lower Don River to proceed;

THAT the staff be directed to work closely with all levels of Government, and in particular, the City of Toronto to ensure that the project is integrated into the other waterfront revitalization initiatives, the Olympic Bid, transportation plans, the Toronto Remedial Action Plan, and the new Central Waterfront Plan;...

...THAT the preliminary studies undertaken to date, be used whenever possible to expedite the process including the fulfillment of the public consultation requirements of the Environmental Assessment Act through the demonstration of a long history of public consultation and support;...

At Authority Meeting #9/02, held on October 25, 2002, Resolution #A246/02 authorizing staff to execute a Delivery Agreement for the Naturalization and Flood Protection for the Lower Don River with the Toronto Waterfront Revitalization Corporation was approved, as follows:

WHEREAS the Toronto Waterfront Revitalization Corporation (TWRC) has requested that the Toronto and Region Conservation Authority (TRCA) enter into a delivery agreement with TWRC to undertake certain works for the Naturalization and Flood Protection for the Lower Don River;

AND WHEREAS it is in the interest of TRCA under its authority and mandate as set out in the Conservation Authorities Act (R.S.O. 1990, c. 27) to enter into such an agreement;

THEREFORE LET IT BE RESOLVED THAT the Authority agrees to enter into the Toronto Waterfront Revitalization - Naturalization and Flood Protection For The Lower Don Delivery Agreement, subject to all terms and conditions being finalized in a manner satisfactory to Authority staff and the Authority's solicitors, Gardiner Roberts LLP;

AND FURTHER THAT Authority officials be authorized and directed to take all necessary actions as may be required, including the signing of documents, for the execution of the Delivery Agreement.

The Delivery Agreement recognized that TRCA will be the proponent to conduct two mutually independent EAs to achieve the objectives.

The first EA was to identify a preferred alternative to provide flood protection along the west bank of the Lower Don River for the downtown core of Toronto, which includes all of the West Don Lands. This EA was completed in 2005 with the approval of the Lower Don River West Remedial Flood Protection Project Class EA.

The second EA, the DMNP EA, was to identify a preferred alternative to provide flood protection to the Portlands and East Don Lands (i.e. South Riverdale area), while naturalizing the Lower Don River from the mouth to Riverdale Park. The naturalization components of the study were also to provide for an attractive, multi-use amenity for the public.

At Authority Meeting #2/04, held on February 27, 2004, Resolution #A47/04 which authorized staff to proceed with Phase One of the DMNP EA (undertake the Environmental Assessment Terms of Reference) which included the hiring of Gartner Lee Limited (now known as AECOM), was approved, in part, as follows:

WHEREAS the Toronto and Region Conservation Authority (TRCA) has been identified as the recipient agency to undertake the naturalization and flood protection of the mouth of the Don;...

...THEREFORE LET IT BE RESOLVED THAT TRCA staff be directed to proceed with the Don Mouth Naturalization and Port Lands Flood Protection Coordinated Federal and Environmental Assessment Project in two stages to enable work on the individual EA to begin, in anticipation of the federal funding being released shortly;

THAT TRCA staff be directed to proceed with Project Stage One activities, which include conducting required baseline studies for the area, participating in consultation forums, establishing an individual environmental assessment terms of reference (EA ToR) as per the requirements of provincial EA regulations, and other project management activities;

THAT the consultant team led by Gartner Lee Limited be the awarded the contract(s) for the Don Mouth Naturalization and Port Lands Flood Protection Project, subject to TWRC written approval to retain Gartner Lee Limited and TWRC confirmation of funding availability for both stages of the project, as follows:...

On August 17, 2006, the Environmental Assessment Terms of Reference for the DMNP EA received approval from the Ontario Ministry of Environment, providing TRCA authority to proceed with the DMNP EA.

Between January and April 2007, TWRC undertook an International Design Competition for the Lower Don Lands in order to provide fresh ideas for integrating the various potentially competing project objectives under a unifying vision for the area, whereby a naturalized mouth of the Don River would provide a key focus for the future communities within the East Bayfront and Port Lands areas.

On May 8, 2007, the design submitted by Michael Van Valkenburg and Associates (MVVA) was identified by TWRC as the winning design of the competition. Key elements of the winning design as it relates to the DMNP Project EA include:

- the retention of most of the Keating Channel;
- a new river channel that flows south and then west into the Inner Harbour with an approximate location halfway between the Ship Channel and Keating Channel;
- a flood spillway into the Ship Channel;
- the integration of park space and natural areas along the river corridor;
- the retention and incorporation of the Gardiner Expressway into their design;
- a project build-out, and soil remediation and management plan; and
- a vision for the establishment of transportation infrastructure connecting Toronto with the Port Lands.

Following the announcement, TRCA and our consultant team led by AECOM worked closely with TWRC and MVVA to refine the results of the design competition in order to develop a new alternative (defined as Alternative 4WS) to be considered as part of our evaluation of alternatives in the DMNP EA.

On March 29, 2008, TRCA presented the results of the evaluation of alternatives for the DMNP EA to the public. The results of the evaluation indicated that Alternative 4WS best met the goal and objectives for the DMNP EA. At Authority Meeting #3/08, held on April 25, 2008, Resolution #A72/08, directing staff to proceed with the further development of Alternative 4WS through the EA process, was approved as follows:

WHEREAS the Don Mouth Naturalization and Port Lands Flood Protection Project Environmental Assessment (EA) Team (led by Toronto and Region Conservation Authority [TRCA] and the Gartner Lee Limited consultant team) and the Lower Don Lands Design Team (led by Toronto Waterfront Revitalization Corporation (TWRC) and the Michael Van Valkenburgh Associates consultant team) have worked extensively to integrate the results of the Lower Don Lands International Design Competition with the Don Mouth EA;

WHEREAS the EA Team conducted a detailed technical evaluation of alternatives resulting in the selection of a preliminary preferred alternative (Alternative 4WS);

WHEREAS the EA Team conducted extensive stakeholder consultation, in conjunction with the Lower Don Lands Design Team, to obtain stakeholder input and agreement on the EA alternatives evaluation process and selection of the preliminary preferred alternative;

WHEREAS the verbal and written comments following from the March 29, 2008 public consultation indicate concurrence with the selection of Alternative 4WS as the preliminary preferred alternative;

THEREFORE LET IT BE RESOLVED THAT the EA Team proceed with the further development and detailed impact analysis of Alternative 4WS in cooperation with the Toronto Waterfront, the Lower Don Lands Design Team, and the City of Toronto.

The Individual EA for the DMNP Project is nearing completion, and it is anticipated to be released for consideration to the Ministry of Environment in late summer - early fall 2010.

TRCA staff continue to work closely with TWRC, the City of Toronto, project consultants, stakeholders and the public to finalize all remaining elements in the draft EA document, with a final draft anticipated for review by the City on May 7, 2010, which would facilitate a pre-submission draft to the Ministry of the Environment (MOE) by the end of June 2010.

DMNP EA Project Description
Project Objective and Components

The DMNP project will transform the existing mouth of the Don River, including the Keating Channel, into a healthier, more naturalized river outlet to the Toronto Inner Harbour and Lake Ontario, while at the same time removing the risk of flooding to 230 hectares of urban land to the east and south of the river. The conceptual design for the river mouth includes the following components:

- flood protection features;
- sediment, debris, and ice management;
- naturalization; and
- recreation and open space.

Flood Protection Features

The conceptual design is comprised of a number of flood protection features, which include:

- river valley formation;
- east bank flood protection landform;
- Keating Channel weirs;
- grading and setbacks of development areas; and
- modifications to grades surrounding Eastern Avenue at the Kingston Subdivision grade separation (near the BMW site).

Creation of a new river valley (through a combination of cut and fill) is the primary means of conveying storm events up to and including the Regulatory Flood event. The river channel associated with the new valley system trends south and then west into the Inner Harbour, approximately halfway between the Ship Channel and the Keating Channel (Attachment 1). The design includes two overflow spillways that provide additional conveyance during storm events: the Keating Channel (labelled as 2a on Attachment 1) and the Ship Channel spillway (labelled as 3a on Attachment 1). Stabilization of the valley system and river channel will ensure that flood events and the associated shear stresses do not erode into the underlying contaminated soils, undermine adjacent development blocks, nor result in the destruction of the lake-connected wetlands.

A flood protection landform immediately east of the Don Roadway will extend between the elevated CN Rail Embankment and the Keating Yard to permanently eliminate the risk of flooding to the east through the Unilever property. It is anticipated that the footprint of this feature will allow for some continued use and occupation of the existing operations on the property, though it will necessitate establishing a new roadway access from the Don Roadway or Lake Shore Boulevard, modifying the existing loading bays and parking area, and relocating infrastructure from the northwest corner of the property. Additional flood protection works include regrading of the Don Roadway north of Lake Shore Boulevard and grading of the area around the Eastern Avenue underpass of the CN embankment.

To improve flood conveyance, the existing Lake Shore Boulevard and Harbour Lead bridges will be lengthened from the two bays that currently exist to include a total of five bays. The three eastern bays will provide conveyance for river flows continuing straight south into the new principal river outlet. A weir structure will be placed just north of the Lake Shore Boulevard / Harbour Lead crossing at the two western bays and will regulate water to allow the passage of flood events through the Keating channel. It is proposed that an adjustable weir will be installed to allow for flexibility in operation. A sideflow weir will be installed to the south of the Lake Shore Boulevard crossing to permit flows greater than the two-year event to pass into the Keating Channel from the east.

To permanently remove flood risk from future development areas, the lands on either side of the river will be elevated approximately one to two metres above existing elevations. The valley will be raised a minimum of 0.5m higher than the anticipated water levels under a Regulatory Flood Event to accommodate climate change and other uncertainties. Given existing land uses at the BMW site (north of Reach 1), and the inability to raise Lake Shore Boulevard crossing (at this time), it is not anticipated that this additional 0.5m of freeboard can be attained in these two areas. New development areas will be required to be set back 10 metres horizontally from the top of valley (including the 0.5m freeboard). New development includes new lots, access routes and landscaping, among others, and therefore new structures may be set back further than 10 metres from the top of valley bank.

Sediment, Debris, and Ice Management

Sediment entering the new low flow channel and river mouth will be managed at a single location in Reach 1 by means of a sediment trap (Attachment 1). The sediment trap will be located north of Lake Shore Boulevard and will collect the majority of bedload (sand and coarse silt). It is not anticipated that secondary sediment management downstream from the sediment trap within the low flow channel, wetlands or the Inner Harbour will be required.

A hydraulic dredge will be used to remove the bedload from the sediment trap. The water/sediment slurry generated by hydraulic dredging requires operation of a conveyance piping system. A flexible floating pipe connected to the hydraulic dredge barge will transition to permanent fixed piping utilities that run along the Don Roadway to the Basin Street causeway at the mouth of the Ship Channel. A flexible pipe will carry the slurry from the Ship Channel wetland to a barge-mounted hydrocyclone, which is a dewatering system that spins the slurry to separate the water and sediment and sort the sediment by grain size. As is done currently, dredged material from the river mouth will be either reused or disposed of at the Confined Disposal Facility (CDF) at Tommy Thompson Park using towed, bottom-dumping scows.

Debris will be managed in Reach 1 of the river. Two debris management booms will be placed across the entire length of the channel to corral floating debris after storm events and at other times as needed. Corralled debris will be removed by a crane and then dewatered and sorted on a small yard on the west side of the river for either offsite disposal and/or reused for habitat purposes where suitable.

Ice management features are designed to prevent a concurrent risk of a flood event that is exacerbated by ice accumulations, and to reduce the risk to bridge piers and other infrastructure within the floodplain environment. Within Reach 2, the armoured transition between the Lake Shore Boulevard crossing and the Commissioners Street crossing will provide a place for ice to collect and break up, with capacity for overflow into the Keating Channel if an ice jam should occur.

Naturalization

The naturalized areas shown in the conceptual design consist of the following habitat types:

- terrestrial / open space habitat, including open space and valley slope transitions;
- wetland habitat, including levee systems and lake-connected wetlands; and
- aquatic habitat.

Regarding terrestrial and open space habitat, the area along the top of banks of the new valley system (within the 10 metre setback) will consist of approximately four hectares of Upland Forest communities largely benefitting migratory birds. The valley slope transition represents an additional three hectares of naturalized area between the open space on the tableland and the wetlands on the valley bottom, and will be comprised of Upland Forest and Treed Swamp communities. Seepage wetlands have been identified as an opportunity to create high-quality wetlands that are fed through “clean” stormwater, rather than by the lake or river. To function as designed, these wetlands require that development within the adjacent River Precinct collect and deliver clean roof runoff to the wetlands. Prior to development within the River Precinct, or should the development not be built to support the seepage wetlands, the area will contain one hectare of additional Upland Forest communities.

Approximately 5 ha of wetland habitat, composed of Thicket Swamp and Meadow Marsh communities, will be created and separated from the low flow channel by levee. The principal wetlands within the floodplain are the lake-connected wetlands (i.e., the water levels are controlled by the hydrology of the lake and fluctuation in lake levels) and are composed of Emergent Marsh, Submergent Marsh and Meadow Marsh habitat types. A total of approximately eight hectares (including nearly 0.5 hectares of former aquatic habitat within the Inner Harbour) has been designed as lake-connected wetlands. To exclude carp to the extent possible and maintain the quality of water, the lake-connected wetlands will be separated from the river using passive controls.

Within the project study area, aquatic habitat improvements have been identified for the Don Mouth, Keating Channel and the Don Narrows. Aquatic habitat comprises an area of approximately 25 hectares, which is an increase of over 16 hectares compared to existing conditions. This area includes the new low flow channel (approximately seven hectares), modifications to the Keating Channel (approximately five hectares), and the newly created wetlands described above. Within the Don Narrows, any habitat that is constructed must not increase the frequency or extent of flooding, and ideally would improve the current flooding conditions. Possible habitat improvements within the Don Narrows which will be considered further include artificial bed structures, long-term replacement of sheet-piled banks and continued riparian plantings.

Recreation and Open Space

Although not part of the EA for approval purposes, the conceptual design includes over 14 hectares of open space outside of the new valley system that are intended to accommodate passive and active recreational uses while providing some habitat value (e.g., migratory bird use). Such uses include sports fields, event spaces, lawns, playgrounds and public gardens. There will be a trail system adjacent to the river located within the river floodplain. It will be a major connecting link between the Don Valley trail system, the Don Greenway and the Martin Goodman Trail, as well as the various natural communities in the Lower Don Lands.

Project Benefits

The outcomes of the DMNP project are strongly beneficial for all aspects of the environment. Hydrological modeling shows that the new river mouth will convey up to 1,700 m³ of flood water (the Regulatory Flood) into Lake Ontario. This will remove the risk of river flooding to 230 hectares of land and over 850 buildings, as well as release the Lower Don lands and eastern Port Lands for intensified mixed use development. The sediment, debris and ice management features will ensure safe navigation in the harbour and flood protection.

The DMNP will create 33 hectares of sustainable, higher functioning habitat where there is currently no functional habitat or only highly degraded habitat. This will include the creation of 13 hectares of higher functioning wetland habitat, over 12 hectares of new and enhanced permanent aquatic habitat, and seven hectares of upland forest and transitional forest for passive recreation. These natural areas will provide important connections to existing habitat in Environmentally Sensitive Area 130, Cherry Beach, Lake Ontario, Tommy Thompson Park and the Toronto Islands.

In addition to flood protection and ecological benefits, the DMNP will also provide a number of services to the City and support future development, including:

- improved opportunities for the use of more efficient sediment management technologies (hydraulic dredge);
- possible reuse of dredgate for development and habitat purposes;
- continued removal of debris from the river and offers effective management of ice jams;
- greatly improved trail and small watercraft recreation uses;
- a great public open space for Toronto's central waterfront, similar to High Park in the west; and
- integrated planning to identify efficiencies in the design and implementation of infrastructure crossings, stormwater management, public access nodes to the open space areas, and comprehensive consideration of soils and groundwater management.

These benefits contribute to the sustainable nature of the project, as outlined in TWRC's Sustainability Framework. The DMNP will reurbanize underused urban lands; reduce car dependency; improve air quality, stormwater management, terrestrial and aquatic habitat, and biodiversity; enhance opportunities for recreational activities and improve public transit; and allow for the creation of vibrant, mixed-use communities in the Port Lands area.

DETAILS OF WORK TO BE DONE

TWRC endorsed the DMNP EA at their Board of Directors meeting on May 5, 2010. City of Toronto staff will be seeking endorsement of the DMNP EA at their Executive Committee on June 14, 2010 and at their City Council Meeting on July 6, 2010. For our part, TRCA has been asked to seek Authority support for the DMNP EA at the May 21, 2010 Authority meeting. Obtaining TRCA, TWRC and City Council support for the draft DMNP EA is seen as an important component of the Ministry of Environment review, demonstrating strong local support for the initiative. The Lower Don Lands Framework Plan, Keating Channel Precinct Plan and the Lower Don Lands Master Servicing Plan Class EA will also be going to TWRC and the City for endorsement as part of a comprehensive package with the DMNP EA. Receiving local and provincial approvals of these various planning initiatives is deemed to be the first critical component for securing funding for the following implementation stages of the project.

To further facilitate funding efforts, TRCA staff is seeking Authority endorsement to pursue opportunities, in conjunction with TWRC, to adopt the Don Mouth Naturalization and Port Lands Flood Protection Project, such as a "Project" under the Conservation Authorities Act, R.S.O. 1990, as amended.

FINANCIAL DETAILS

There are no extra costs anticipated with the completion of the DMNP EA process, as all costs are anticipated to be within the budget provided by TWRC through the existing series of 191 accounts for the DMNP EA.

Costs to proceed with detailed design and to construct the preferred concept plan are in the order of \$625 million. Currently, no funding is available to proceed with the stage beyond receipt of EA approvals.

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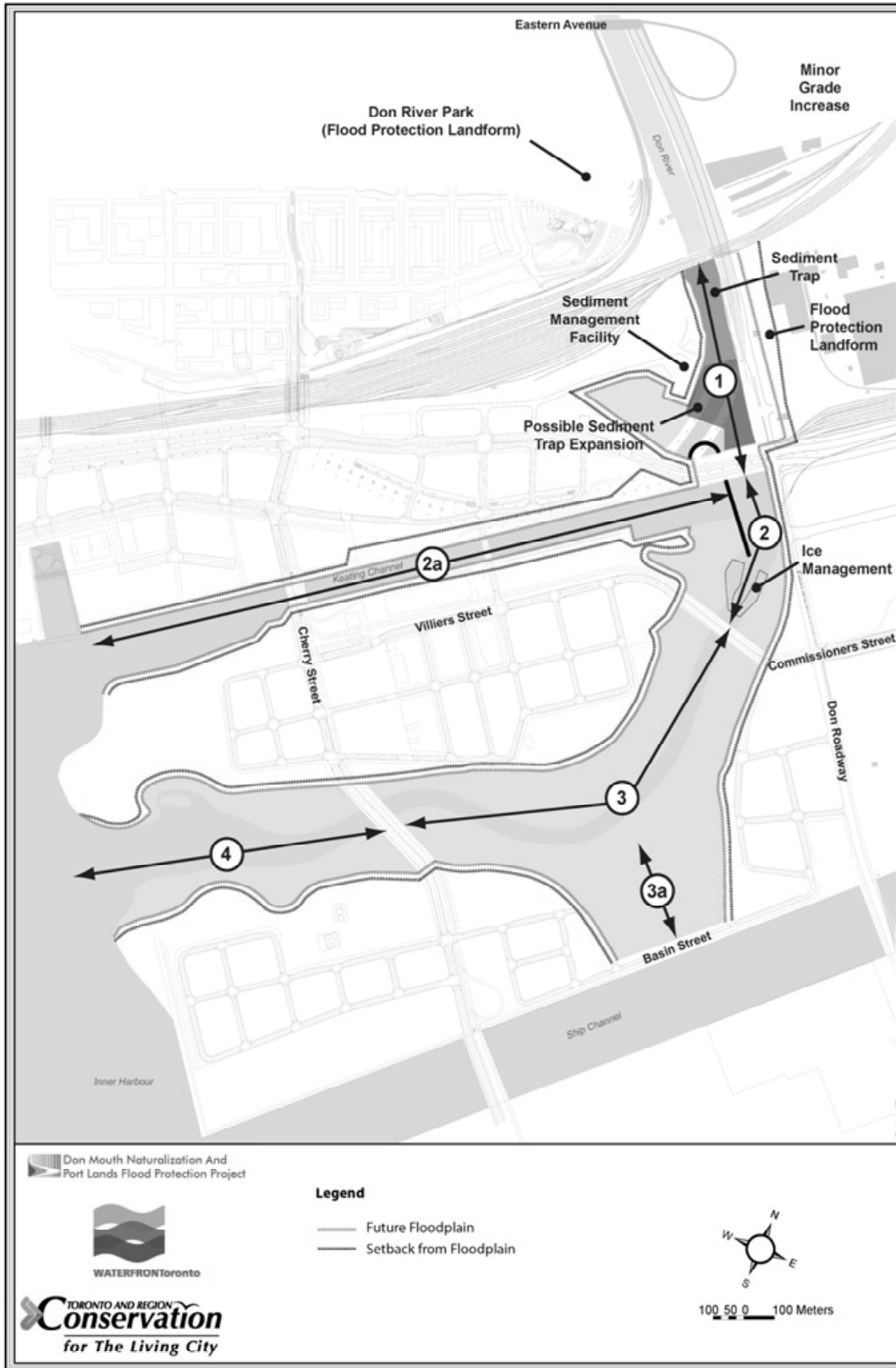
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Date: April 07, 2010

Attachments: 1

Attachment 1



RES.#A75/10 -

MEADOWCLIFFE DRIVE EROSION CONTROL PROJECT

Completion of planning and design process and direction to proceed with construction.

Moved by: Gay Cowbourne
Seconded by: Glenn De Baeremaeker

THAT Toronto and Region Conservation Authority (TRCA) staff be directed to initiate construction of the Meadowcliffe Drive Erosion Control Project;

THAT TRCA request and encourage the City of Toronto to complete the Meadowcliffe Drive Erosion Control Project as soon as possible;

AND FURTHER THAT the City of Toronto be so advised.

CARRIED

BACKGROUND

At the request of several homeowners who expressed concern over the loss of property and the potential long-term risk to their homes, TRCA began monitoring erosion rates on Meadowcliffe Drive in 1985. In the spring of 2005, slides occurred along several sections of the Scarborough Bluffs, including Meadowcliffe Drive. In response to residents' concerns, TRCA commissioned Terraprobe Limited in 2005 to assess the site and slope conditions and to provide recommendations on slope and erosion stabilization works.

Terraprobe's findings identified that localized deepening of the lake bed topography (an ongoing coastal process influenced by historic removal of aggregate, lake levels, substrate type) in the order of 0.2 to 0.3 metres may be contributing to ongoing erosion of the slope toe, which receded at an average rate of about 1.1 to 1.3 metres per year between 1980 and 2005. As a general trend the potential for waves to uprush and erode the slope toe increases with the deepening of the lake bed. Based on the significant recession of the slope, Terraprobe strongly recommended that shoreline protection works be implemented.

At Authority Meeting #5/06, held on June 23, 2006, Resolution #A141/06 directed staff to commence a Class Environmental Assessment for the Meadowcliffe Drive Erosion Control Project, Scarborough Bluffs, City of Toronto. On September 15, 2006, TRCA commenced the Meadowcliffe Drive Erosion Control Class Environmental Assessment to provide long-term protection against erosion by protecting the shore from wave energy, stabilizing slopes and enhancing natural processes.

RATIONALE

As part of the Class Environmental Assessment (Class EA) process, TRCA retained Shoreplan Engineering and Terraprobe to complete a detailed review and analysis of the existing conditions along the designated project area and assist with the development of alternative long-term remedial solutions to address the risk to public safety. To assist with the evaluation of the alternative options and provide input into the planning and design process, a Community Liaison Committee (CLC) was formed. Composed of technical staff, stakeholders, provincial agency staff, community activists and interested members of the public, the CLC became an integral part of the Class EA process.

Through a series of CLC meetings, a range of alternative options were considered, including headland beach systems, groynes, and breakwaters. These alternatives were evaluated and a preferred alternative was selected based upon the ability of the design to achieve the project objectives. The preferred solution determined through the Class EA process is a shoreline treatment consisting of cobble beach anchored by a series of parallel headlands which will protect 600 metres of eroding bluff below Meadowcliffe Drive. The headlands will be constructed with large (3-5 tonne) armourstones, measuring between 80 to 100 m in length and spaced 100 to 150 m apart. The area between the headlands will consist of rubble material covered with a layer of beach cobble. The beach cobbles will be dynamically stable, and the profile shape will adjust to different wave conditions and water levels over time. The preferred solution also considers the potential need for a buttress at the base of the bluffs at the east end of the shoreline sector to reduce slope recession.

Upon identifying the preferred solution, TRCA completed a detailed environmental analysis to determine any required mitigation measures. TRCA identified five construction access options and evaluated these options to determine the preferred route. The preferred option is to access the site from the east via TRCA's existing service road which provides shoreline access from the Guild Inn. TRCA has taken measures to address public concerns related to this route to ensure that all impacts are mitigated. This includes investigating opportunities for a waterfront trail connection between the Guild Inn, Meadowcliffe, and Bluffers Park shorelines as part of TRCA's long-term strategic planning process, which could provide secondary shoreline access for ongoing emergency, construction, and maintenance vehicles.

DETAILS OF WORK TO BE DONE

In addition to the Class EA process, TRCA recognizes that the project will require an environmental screening under the *Canadian Environmental Assessment Act* (CEAA). CEAA will be triggered in response to the potential environmental impacts that the project will produce pursuant to subsection 35(2) under the federal *Fisheries Act* and section 5(1) of the federal *Navigable Waters Protection Act*. Working with representatives from City of Toronto, Ministry of Natural Resources, Fisheries and Oceans Canada, and Transport Canada, TRCA will prepare a screening report to fulfill the requirements of the Canadian Environmental Assessment Act. This screening report will facilitate the necessary federal approvals that will be required to implement the project.

Upon receipt of all approvals, initiation of construction will commence in 2010. Due to fiscal constraints, construction will be phased over numerous years. Each phase of in-water construction will take place outside of the warm water fisheries window, March 31 to July 1. Work will be initiated from east to west to ensure minimal disturbance to completed sections of the project. In July, 2010 TRCA proposes to commence construction on the most easterly portion of the required shoreline access road between the Sylvan Avenue shoreline and Bellamy Ravine. Commencing in 2011, works will proceed westward with construction of the rubble access road, 30 m south of the existing Meadowcliffe Drive shoreline to prevent further wave erosion at the toe of the bluffs. Following construction of the access road, TRCA will proceed with earth filling works and complete the construction of the proposed shoreline protection as funding becomes available.

FINANCIAL DETAILS

Funding for this project has been identified in the 2010 - 2014 Toronto Capital Budget, with \$400,000 in funding available in 2010 from the City of Toronto in TRCA's Valley and Erosion Control budget under account code 145-01. The total project costs based on 2010 dollars is estimated at approximately \$9 million. Based on the current level of funding it is anticipated that the work will take upwards of 20 years to complete. TRCA staff are seeking other potential funding sources to accelerate construction.

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Date: April 20, 2010

RES.#A76/10 - RESERVATIONS, BOOKINGS AND POINT OF SALE SOFTWARE
Award of Contract for Supply and Hosting. Award of five year contract for supply and hosting of Reservations, Bookings and Point of Sale Software.

Moved by: Bill Fisch
Seconded by: Jack Heath

THAT Toronto and Region Conservation Authority (TRCA) enter into a contract with Media Mix Interactive for supply and hosting of Reservations, Bookings and Point of Sale Software on the following terms and conditions:

- (i) the term of the contract will be five years with an option for a five year renewal, subject to performance satisfactory to TRCA;**
- (ii) the fees paid by TRCA to Media Mix Interactive be on a per-transaction basis, not to exceed \$10 per Reservation or Booking transaction, plus applicable taxes;**
- (iii) Media Mix Interactive shall be solely responsible for all costs and approvals associated with Reservations, Bookings and Point of Sale Software implementation and web-server hosting, as well as all call centre expenditures;**
- (iv) any other terms and conditions deemed appropriate by TRCA staff and solicitor;**

THAT should staff be unable to achieve an acceptable contract with the above-mentioned proponent, staff be authorized to enter into and conclude contract negotiations with other firms that submitted proposals, beginning with the next firm on the evaluation scale meeting TRCA specifications, on substantially the same terms and conditions as set out above;

AND FURTHER THAT authorized TRCA officials be directed to take whatever action may be required to implement the contract, including the obtaining of necessary approvals and the signing and execution of any documents.

CARRIED

BACKGROUND

It is the intention of TRCA to draw additional users to all of its public facilities and programs in order to expand and diversify the client base and in turn increase revenues. Following a comprehensive needs assessment, staff found a lack of on-line services available to TRCA clients. Furthermore, the following services were recognized as those requiring significant improvement in order to enhance customer experience:

- Campground Reservation System: ability for clients to make campground reservations on-line. Currently all camping reservations are made via telephone and are tracked internally via Camis software.
- Booking System: ability for clients to make facility and program bookings (education, picnics, special events, etc.) on-line. Currently all bookings are made via telephone and are tracked internally via Vision software.
- Point of Sale System: ability for staff to track and manage inventory and sales reports on-line. Currently most TRCA facilities utilize cash registers and produce limited sales reports.

As a result, staff found a need for a single comprehensive software package that will:

- enable on-line campground reservations and facility and program bookings as well as an integrated point-of-sale system;
- provide comprehensive reports that may be easily integrated with TRCA's internal systems (Lotus Notes and accounting system);
- enhance customer experience and engage the public;
- increase management around supply and demand of TRCA facilities and inventory;
- streamline TRCA's business operations and improve communications;
- be accessible to all staff and clients; and
- increase revenue streams.

Following the comprehensive needs assessment, staff issued Requests for Information (RFI) and invited all responding firms to make a presentation on available software products. Staff collected necessary information in regards to the available software market and pricing structures from the presentations.

RATIONALE

The information collected from the responses to the RFI documentation was used to create Request for Proposal (RFP) documentation. The RFP for Supply and Hosting of Reservations, Bookings and Point of Sale Software was publically advertized on February 24 , 2010 via the website www.biddingo.com. Proposals closed on Friday, March 19, 2010 at 4:00 pm and the six proposals received were opened on Monday March 22, 2010 by TRCA staff (Martha Wilson, Kate Pankov and Cindy Maw).

Proposals were received as follows:

Firm	Proposed Fee Structure (excluding applicable taxes)	Proposed Services and Notes
Camis	<ul style="list-style-type: none"> ● <u>Estimated Year 1 total \$75,000 (flat fee)</u> ● <u>Estimated Year 2 total \$49,990 (flat fee)</u> 	<ul style="list-style-type: none"> ● One integrated web-hosted Reservations, Bookings and Point of Sale Software ● <u>No call centre capabilities</u> ● Staff training ● Full software development, hosting and maintenance
Media Mix Interactive	<ul style="list-style-type: none"> ● \$10 per Reservation and Booking Transaction ● No fees for Point of Sale transactions ● <u>Estimated annual total of \$90,000 including all transactions</u> 	<ul style="list-style-type: none"> ● One integrated web-hosted Reservations, Bookings and Point of Sale Software ● <u>Call centre that will process all reservations and bookings</u> ● Staff training ● Full software development, hosting and maintenance
Jonah Group	<ul style="list-style-type: none"> ● <u>Estimated Year 1 total of \$225,000</u> ● <u>Estimated Year 2 total of \$123,000</u> 	<ul style="list-style-type: none"> ● One integrated web-hosted Reservations, Bookings and Point of Sale Software ● <u>No call centre capabilities</u> ● Staff training ● Full software development, hosting and maintenance
Active Network	<ul style="list-style-type: none"> ● \$38,200 fee in Year 1 in addition to regular annual fees ● 2% transaction fee on all Reservations and Bookings transactions ● additional 2.5% on all Credit Card transactions for Reservations and Bookings transactions ● \$72,000 per year flat fee for Point of Sale software, ● Additional charges for consultant air-fare ● <u>Estimated Year 1 total \$238,200</u> ● <u>Estimated Year 2 total \$200,000</u> 	<ul style="list-style-type: none"> ● One integrated web-hosted Reservations, Bookings and Point of Sale Software ● <u>No call centre capabilities</u> ● Staff Training ● Full software development, hosting and maintenance ● <u>Limited campground reservations capabilities due to lack of interactive map features</u>
Micros	<ul style="list-style-type: none"> ● <u>Estimated Year 1 total of \$281,000</u> ● <u>Estimated Year 2 total of \$176,223</u> 	<ul style="list-style-type: none"> ● Three separate integrated software programs ● <u>No call centre capabilities</u> ● Staff training ● Full software development, hosting and maintenance
Tier One	<ul style="list-style-type: none"> ● <u>Estimated annual total of \$151,000</u> 	<ul style="list-style-type: none"> ● Three separate integrated software programs ● <u>No call centre capabilities</u> ● Staff training ● Full software development, hosting and maintenance

Staff evaluated the proposals based on criteria that included:

- overall qualifications and relevant project experience;
- qualifications and experience of its proposed key project personnel;
- understanding of the project objectives and opportunities;
- ability to approach and provide the required scope of services outlined in the RFP documentation;
- references;
- fee proposals; and
- any other considerations deemed relevant by TRCA.

Based on the evaluation, staff has concluded that the proposal submitted by Media Mix Interactive best meets all requirements set out in the Request for Proposal. More specifically, the proposal submitted by Media Mix Interactive exceeds all other proposals in the following criteria:

- Project Experience and Understanding - Media Mix Interactive currently provides similar software solutions to:
 - Parks Canada;
 - Ontario Parks;
 - Grand River Conservation Authority;
 - Niagara Peninsula Conservation Authority;
 - Essex Conservation Authority;
 - The Province of Newfoundland and Labrador.
- Fee Proposal - Media Mix Interactive proposes a per transaction only fee structure that minimizes expenditures during slow business periods.
- Call Centre - Media Mix Interactive will provide a fully operational customer service call centre that will process client's reservations and bookings.

Staff therefore recommends award of a five year contract for supply and hosting of Reservations, Bookings and Point of Sale Software to Media Mix Interactive based on it meeting all TRCA specifications. Staff is confident that Media Mix Interactive will execute the required project in a cost effective and timely manner.

DETAILS OF WORK TO BE DONE

May 21 - June 11: Contract Administration

- Finalization of project scope and details such as internet connectivity.

June - November: Software Implementation

- Creation of all on-line front counters including education, facility programs and camping. Development of interactive maps and integration with payment gateway and accounting modules.

November - December: Staff Training and Software Finalization

- Soft launch at facilities and final setup of point of sale items and staff review and training.

December 2010: Go Live

- Full launch of application.

Time is of the essence to implement the new system. If staff is unsuccessful in negotiating an agreement with Media Mix, there will be no time to bring a new recommendation to the Authority. Accordingly, staff is seeking authorization to negotiate with the company offering the next best proposal and to enter into a contract on substantially the same terms and conditions as the recommendation for Media Mix detailed above.

FINANCIAL DETAILS

Transaction fees of \$10 per transaction (approximately \$90,000 annually based on 9,000 transactions per year) will be passed directly onto the client at the time of the reservation or booking. Passing of transaction fees onto the client is standard practice in the camping and on-line ticket sales industry.

All TRCA facilities require high speed internet connectivity in order to support the software. Staff is currently working on establishing internet connectivity at all locations through a combination of General Packet Radio Service (GPRS) routers, Asymmetric Digital Subscriber Line (ADSL) and Satellite methods. Funds required for internet connectivity (average cost of \$55/month, totalling approximately \$7,920/year across all TRCA facilities) are available within each facility's operating budget.

Furthermore, in order for the system to work at the facility level, all existing cash register sites that will be using Media Mix Interactive Point of Sale program must be replaced with a computerized system. Currently, there are 40 Point of Sale units across TRCA, 26 of these require new hardware priced at approximately \$2,000 per unit, totalling approximately \$52,000. Funds to cover such hardware costs are available within capital funding through TRCA's municipal partners.

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Date: May 10, 2010

RES.#A77/10 - PETTICOAT CREEK CONSERVATION AREA
Construction of Outdoor Aquatic Facility. Award of contract for construction of an outdoor aquatic facility at Petticoat Creek Conservation Area.

Moved by: Suzan Hall
Seconded by: Pamela Gough

THAT the contract for construction of an outdoor aquatic facility at Petticoat Creek Conservation Area be awarded to Beta and Associates Inc. at a total cost not to exceed \$2,300,000.00, plus applicable taxes, it being the lowest bid meeting Toronto and Region Conservation Authority (TRCA) specifications;

THAT award of the contract be subject to terms and conditions satisfactory to TRCA staff and legal advisers, including but not limited to determination of the final contract cost not to exceed the approved amount;

THAT should staff be unable to achieve an acceptable contract with the above-mentioned contractor, staff be authorized to enter into and conclude contract negotiations with other contractors that submitted tenders, beginning with the second lowest bidder meeting TRCA specifications;

THAT staff report back on the aquatic facility 2011 fee structure;

AND FURTHER THAT authorized staff be directed to take the action necessary to implement the contract including obtaining any approvals and the signing and execution of documents.

CARRIED

BACKGROUND

Petticoat Creek Conservation Area (PCCA) is an active conservation park consisting of picnic areas, numerous trails and public washrooms and other various amenities, providing a variety of recreational opportunities to local, regional residents and various tourists. The primary feature of the park is a 1,300 person capacity swimming pool, the largest outdoor swimming pool of its kind in Ontario.

The PCCA pool requires significant annual capital investment to achieve minimum operating standards as staff continues to monitor considerable deterioration of vital pool components. As a result of such significant repairs and investment required for ongoing Petticoat pool operations, TRCA staff applied for both provincial and federal funding in order to replace the existing pool with a new aquatic facility.

The application requested \$3,000,000, two thirds of the cost provided by Canada RInC (Recreational Infrastructure Canada) and Ontario REC (Recreation) Program funding, with TRCA required to secure the remaining \$1 million. On July 7, 2009 the Canada RInC and Ontario REC Program released an official list of all projects approved for funding. Redevelopment of Petticoat Creek Conservation Area pool was approved for funding requested. The funding arrangement includes aggressive deadlines as grant conditions which requires the work to be completed by March 31, 2011. In order to meet Canada RInC and Ontario REC Program timelines, TRCA staff identified the following three project phases:

- Phase 1- Demolition Phase
- Phase 2 - Subbase Preparation Phase
- Phase 3 - Aquatic Facility Construction Phase

At Authority Meeting #6/09, held on July 24, 2009, Resolution #A121/09 for the redevelopment of Petticoat Creek Conservation Area pool was approved as follows:

THAT Toronto and Region Conservation Authority (TRCA) staff be directed to undertake the redevelopment of Petticoat Creek Conservation Area pool through the federal Recreational Infrastructure Canada (RInC) Program in Ontario and Ontario Recreation (REC) Program;

AND FURTHER THAT TRCA staff report to the Authority for additional approvals as required.

Furthermore, at Authority Meeting #2/10, held on March 26, 2010, Resolution #A27/10 for the demolition of the existing Petticoat Creek Conservation Area pool was approved, in part, as follows:

THAT the contract for Petticoat Creek Conservation Area swimming pool demolition project be awarded to Amlap Corporation, at a total cost not to exceed \$93,700.00, plus 10% contingency allowance, plus applicable taxes, it being the lowest bid meeting Toronto and Region Conservation Authority (TRCA) specifications;...

Following completion of pool demolition, staff identified Subbase Preparation as the next phase of the Petticoat Creek Conservation Area Swimming Pool project. Staff worked closely with the project's design consultants, Harrington and McAvan Ltd., to prepare and refine detailed design and construction drawings required to move forward with the Subbase Preparation Phase of the project. The Subbase Preparation Project scope of work includes the following items and is set to be completed by early June, 2010.

- tree protection and fencing;
- erosion control measures;
- grading and excavation (405m³);
- Backfilling with Compacted Granular 'B'(1,100m³);
- Utility / Service Locates.

The work referenced above was approved, in part, by TRCA's Chief Administrative Officer, on May 20, 2010 as follows:

THAT the contract for Petticoat Creek Conservation Area swimming pool subbase preparation project be awarded to BLT Construction Services, at a total cost not to exceed \$75,200.00, plus 10% contingency allowance, plus applicable taxes, it being the lowest bid meeting Toronto and Region Conservation Authority (TRCA) specifications;...

Over the last few months staff worked closely with Harrington and McAvan Ltd. to prepare and refine detailed design and construction drawings required to move forward with the aquatic facility construction phases tendering and permit process. Key design features of the Petticoat Creek Conservation Area aquatic facility include:

- fully accessible;
- 6 feet deep, over 1600m² concrete pool with beach entry;
- state of the art vacuum DE filtration system with skimmers and recycled backwash waters;
- splash pool area over 1500m² with interactive water play as well as hand manipulated water features;
- large splash pad without standing water
- both active and passive water play areas at varying heights and spray effects;
- large seating, picnicking, and viewing areas;
- barrier-free, 1,500 sq. ft. adjacent pool complex facility featuring low flow toilets, faucets, motion occupancy and T8 lighting; and
- viewing deck.

RATIONALE

Request for Tenders for the construction of the aquatic facility at Petticoat Creek Conservation Area was publically advertised on April 28, 2010 and the following 14 firms obtained tender documents and attended a mandatory site meeting:

- Accent Building Sciences Inc.;
- B.L.T. Construction Services;
- Water and Ice North America Inc.;
- Beta and Associates Inc.;
- Acapulco Pools;
- Empex Watertoys;
- Amlap Corp.;
- Alcam;
- A Plus General Contractors;
- Morosons General Contractor;
- Cedar Springs Landscape Group Ltd.;
- DeFaveri Group Inc.;
- Ferdom Construction;
- One Stop General Contractors.

Tenders closed on Wednesday, May 19, 2010 at 4:00 pm and were opened at Tender Opening Committee Meeting #2/10, held on May 19, 2010 by the following TRCA staff and Authority member:

- Maria Augimeri - Vice Chair, TRCA;
- Derek Edwards - Director, Parks and Culture;
- Jim Dillane - Director, Finance and Business Services;
- Kathy Stranks - Manager, Chair and CAO's Office;
- Brad Clubine - Project Manager, Parks and Culture;
- Doug Miller, Manager, Conservation Parks;
- Kate Pankov, Project Technician, Parks and Culture.

The following is a summary of the tenders received:

Construction of Aquatic Facility at Petticoat Creek Conservation Area

Firm	Bid (Plus GST)
Accent Building Sciences Inc.	No Bid
B.L.T. Construction Services	\$2,653,365.79 *
Water and Ice North America Inc.	No Bid
Beta and Associates Inc.	\$2,836,000.00
Acapulco Pools	No Bid
Empex Watertoys	No Bid
Amlap Corp.	No Bid
Alcam	No Bid
A Plus General Contractors	\$2,886,000.00
Morosons General Contractor	No Bid
Cedar Springs Landscape Group Ltd.	No Bid
DeFaveri Group Inc.	\$3,433,023.00
Ferdom Construction	No Bid
One Stop General Contractors	No Bid

* The bid provided by B.L.T. Construction Services was disqualified as they failed to provide a bid bond as required in the specifications.

Based on the evaluation criteria and recommendations from Harrington and McAvan Ltd., staff concluded that the tender submitted by Beta and Associates Inc. is the lowest bid received that meets all requirements set out in the tender documents.

The lowest tendered bid is over the approved available budget of \$2,300,000. plus applicable taxes. The tender specifications are segmented such that aspects of the work can be removed to achieve the budget for the project without impacting the core requirements of the project. In order to meet the budget requirements, staff will implement the following actions to achieve cost saving measures:

- 1) line item deletions or deferrals: the project's scope of work to be altered by directly deleting line items from the tender form;
- 2) revisions using submitted unit prices: the project's scope of work to be altered by revising the quantity of selected design elements (revised prices shall be calculated by applying the unit prices for addition and deletion of items submitted by the contractor on the tender form); and
- 3) negotiated reductions using submitted lump sum prices after redesign: reductions to be achieved through the redesign of selected project elements and subsequent negotiations with the contractor.

As a result of the implementation of the cost saving measures, the integrity of the project will remain intact and will not be compromised.

Staff recommends that the contract for construction of an aquatic facility at Petticoat Creek Conservation Area be awarded to Beta and Associates Inc. for a cost not to exceed \$2,300,000.00, plus applicable taxes, it being the lowest bid meeting Toronto and Region Conservation Authority requirements.

FINANCIAL DETAILS

Two thirds of the cost of the project will be from Canada RInC and Ontario REC programs. The remaining one third of the funds will be secured from future revenues produced by the operation of the aquatic centre. A request has been made for funding participation from the City of Pickering which, if successful, would reduce the funds required from future revenues.

Report prepared by: Derek Edwards, extension 5672

Emails: dedwards@trca.on.ca

For Information contact: Derek Edwards, extension 5672

Emails: dedwards@trca.on.ca

Date: May 19, 2010

RES.#A78/10 -

REQUEST FOR DISPOSAL OF TORONTO AND REGION CONSERVATION AUTHORITY-OWNED LAND

Rear of 109 Autumn Grove Court

Village of Kleinburg, City of Vaughan, CFN 43190. Toronto and Region Conservation Authority is in receipt of a request from Mr. Piero Carbone to explore the possibility of a sale of a fragment of TRCA-owned land located north of Major Mackenzie Drive, east of Regional Road 27 (rear of 109 Autumn Grove Court), Village of Kleinburg, City of Vaughan, Regional Municipality of York, Humber River watershed.

(Executive Res.#B30/10)

Moved by: Gay Cowbourne

Seconded by: Suzan Hall

THAT Toronto and Region Conservation Authority (TRCA) land located directly behind 109 Autumn Grove Court, Village of Kleinburg, City of Vaughan, Regional Municipality of York, be retained for conservation purposes;

AND FURTHER THAT TRCA staff be directed to arrange for the removal of the existing encroachment on TRCA property at this location.

CARRIED

RES.#A79/10 -

GREENLANDS ACQUISITION PROJECT FOR 2006-2010

Flood Plain and Conservation Component, Don River Watershed
Nine-Ten West Limited, CFN 43941. Purchase of property located north of Rutherford Road, east of Dufferin Street, City of Vaughan, Regional Municipality of York, under the "Greenlands Acquisition Project for 2006-2010", Flood Plain and Conservation Component, Don River watershed.

(Executive Res.#B31/10)

Moved by: Gay Cowbourne
Seconded by: Suzan Hall

THAT 0.77 hectares (1.90 acres), more or less, of vacant land being Part of Lot 17, Concession 2 and designated as Blocks 63 and 65 on a draft Plan of Subdivision prepared by Schaeffer & Dzaldov Limited, Ontario Land Surveyors, under their Job No. 03-517-00, dated April 22, 2009, City of Vaughan, Regional Municipality of York, located north of Rutherford Road, east of Dufferin Street, be purchased from Nine-Ten West Limited;

THAT the purchase price be \$2.00;

THAT Toronto and Region Conservation Authority (TRCA) receive conveyance of the land free from encumbrance, subject to existing service easements;

THAT the firm of Gardiner Roberts LLP, Barristers & Solicitors, be instructed to complete the transaction at the earliest possible date. All reasonable expenses incurred incidental to the closing for land transfer tax, legal costs, and disbursements are to be paid;

AND FURTHER THAT the appropriate TRCA officials be authorized and directed to take the necessary action to finalize the transaction including execution and signing of all necessary documentation.

CARRIED

RES.#A80/10 -

MARIE CURTIS PARK

Award of Contract. Award of contract for a landscape architect firm to provide full design services for Marie Curtis Park on the Toronto waterfront.

(Executive Res.#B32/10)

Moved by: Gay Cowbourne
Seconded by: Suzan Hall

THAT the contract to provide full design services for Marie Curtis Park (East and West) be awarded to The MBTW Group at a total cost not to exceed \$240,000, plus applicable taxes;

THAT staff be authorized to approve additional expenditures to a maximum of ten percent (10%) of the total cost of the contract for eligible disbursements and as a contingency allowance, if deemed necessary;

THAT staff be authorized to proceed to initiate Phase 1 - Site Inventory, Assessment and Concept Design prior to Authority Meeting #4/10, scheduled to be held on May 21, 2010, to facilitate very restricted timelines for public consultation;

AND FURTHER THAT authorized officials be directed to take the necessary action to implement the contract including obtaining the necessary approvals and signing and execution of documents.

CARRIED

RES.#A81/10 - URBAN FOREST STUDIES

Award of Sole Source Contract. Award of sole source contract to U.S. Department of Agriculture, Forest Service, for iTree modeling and analysis services.

(Executive Res.#B33/10)

Moved by: Colleen Jordan

Seconded by: Ron Moeser

THAT the contract for conducting the analysis of urban forest data from the cities of Pickering and Vaughan, and towns of Markham and Richmond Hill, be awarded to the U.S. Department of Agriculture (USDA), Forest Service, at a cost not exceeding \$211,000.00 (CDN);

AND FURTHER THAT authorized Toronto and Region Conservation Authority (TRCA) officials be directed to take the necessary action to implement the contract including obtaining necessary approval, signing and executing the documents.

CARRIED

SECTION II - ITEMS FOR AUTHORITY INFORMATION

RES.#A82/10 - HEARING REPORT

Moved by: Glenn De Baeremaeker

Seconded by: Linda Pabst

THAT the Hearing Report contained in Executive Committee Minutes #3/10, held on May 7, 2010, be received.

CARRIED

RES.#A83/10 - SECTION II - ITEMS FOR AUTHORITY INFORMATION

Moved by: Richard Whitehead

Seconded by: Suzan Hall

THAT Section II items EX9.1 - EX9.5, inclusive, contained in Executive Committee Minutes #3/10, held on May 7, 2010, be received.

CARRIED

Section II Items EX9.1 - EX9.5, Inclusive

119R GLEN ROAD, CITY OF TORONTO

(Executive Res.#B36/10)

ACCESSIBILITY FOR ONTARIANS WITH DISABILITIES ACT

(Executive Res.#B37/10)

PARTNERS IN PROJECT GREEN

(Executive Res.#B38/10)

PARTNERS IN PROJECT GREEN

(Executive Res.#B39/10)

CITY OF VAUGHAN OFFICIAL PLAN AMENDMENT 620

RES.#A84/10 - SECTION II - ITEMS FOR AUTHORITY INFORMATION

Moved by: Bill Fisch
Seconded by: Jack Heath

THAT Section II item EX9.6 - Long Term Office Accommodation Project, contained in Executive Committee Minutes #3/10, held on May 7, 2010, be received.

CARRIED

RES.#A85/10 - SECTION II - ITEMS FOR AUTHORITY INFORMATION

Moved by: Ron Moeser
Seconded by: Linda Pabst

THAT Section II item EX9.7 - Bluffer's Park Entrance Channel Emergency Dredging, Tender RSD10-12, contained in Executive Committee Minutes #3/10, held on May 7, 2010, be received.

CARRIED

SECTION IV - ITEMS FOR THE INFORMATION OF THE BOARD

RES.#A86/10 - ONTARIO DRINKING WATER STEWARDSHIP PROGRAM UPDATE
Update on the Ontario Drinking Water Stewardship program.

Moved by: Paul Ainslie
Seconded by: Bryan Bertie

THAT the staff report on the Ontario Drinking Water Stewardship Program Update be received.

CARRIED

BACKGROUND

In February 2010, the CTC Stewardship staff secured \$513,415 in funding through the Ministry of the Environment's Ontario Drinking Water Stewardship Program (ODWSP) to assist eligible landowners with projects that protect municipal drinking water sources in 2010. The funding received is comprised of two allocations, Early Actions Project Grants and funding for management and delivery of the ODWSP. A total of \$86,415 is being shared by Credit Valley Conservation and Toronto and Region Conservation Authority to promote and administer the grant program. There are no ODWSP funds allocated for the Central Lake Ontario Conservation Authority as 100% of the area's municipal drinking water comes from Lake Ontario and is not eligible for the program.

The Ministry of the Environment has allocated \$427,000 for grants that will go directly to landowners who complete approved projects on property located within a municipal council approved "two year time of travel" area near municipal drinking water wells. The CTC Source Protection Region works in partnership with the regions of Peel, York and Durham. Wellhead protection areas in the towns of Orangeville, Mono, Amaranth and Erin are still in the process of being delineated and outreach efforts will proceed in these areas once the "two year time of travel" is approved.

Eligible projects in the 2010 allocation include:

Wells	Upgrading or decommissioning	80% up to \$4,000
	Connection to municipal water supply	80% up to \$4,000
Septic Systems	Inspections/upgrading, replacement or decommissioning	80% up to \$7,000
	Connection to municipal sewer	80% up to \$7,000
Pollution Prevention Reviews (P2)	Pollution Prevention reviews for businesses with fewer than 500 employees	100% up to max of \$12,000
Runoff and Erosion Control	Riparian habitat management, manure storage/treatment, erosion control, cover crops <ul style="list-style-type: none"> ● Equipment for Improved Manure Land Application ● Riparian Area Management ● Erosion Control Structures (Riparian) ● Erosion Control Structures ● Land Management for Soils at Risk ● Cover Crops ● NM Planning – Soil & Erosion Salinity Control Planning 	25% - 70% up to max of \$1,000 - \$60,000

In order to qualify for funding, all projects must be completed and paid in full with documentation submitted to conservation authority staff no later than December 31, 2010. Retroactive funding is also considered for eligible projects completed after September 19, 2006. All funding is allocated on a first come, first served basis.

DETAILS OF WORK TO BE DONE

Conservation authority staff, in partnership with their municipal partners, will be conducting meetings and targeted mail-outs to landowners within the eligible funding areas. Stewardship staff are sending a letter to update the local and regional councillors in the CTC Region of the funding available.

In addition, Stewardship staff has prepared a second letter outlining the funding available to all landowners within the "two year time of travel". This letter will be sent with a joint mailing from CTC Communications staff. Early Actions Funding has been allocated for an information session that will be hosted in the Region of Halton. This information session will be similar to sessions held in York and Peel under the 2009 allocation. CVC staff is also designing custom postcards for a targeted mailing to the communities of Halton Hills, Erin, Orangeville and Mono.

Information regarding stewardship projects in the CTC Source Protection Region is provided on the CTC website (www.ctcswp.ca) and has been recently updated. All landowners are encouraged to refer to the website for the maps outlining the eligible "2 year time of travel" areas, details regarding the funding categories and the application forms.

FINANCIAL DETAILS

TRCA, on behalf of the CTC Source Protection Region, has received \$513,415 in Early Actions funding for 2010. The CTC Early Actions Grant portion of that funding is \$501,000.

TRCA and CVC have spent \$58,031 of that total on Septic Project applications and \$1,839 on Well Project applications which equals \$59,870 spent to date. In addition, TRCA has \$145,297 in unpaid "active" Septic Project applications that we are currently processing. This will bring our total of allocated funds to \$205,168. As of May 13, 2010 we have \$295,832 remaining for new eligible CTC applications.

A total of \$86,415 has been assigned by the MOE as delivery dollars for staff to administer the program. To date, we have spent \$26,864 of our delivery funds. The Early Actions Funding Program will not be extended beyond December 31, 2010.

Report prepared by: Joanne Jeffery, extension 5638
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Date: May 07, 2010

RES.#A87/10 -

IN THE NEWS

Overview of Toronto and Region Conservation Authority activities and news stories from February - April, 2010.

Moved by: Paul Ainslie
Seconded by: Bryan Bertie

THAT the summary of media coverage and Good News Stories from February - April, 2010 be received.

CARRIED

BACKGROUND

Since 2006, the Authority has received a staff report on Good News Stories which summarized Toronto and Region Conservation Authority (TRCA) key accomplishments for the preceding few months. Further, at Business Excellence Advisory Board Meeting #1/06, held on March 3, 2006, it was requested that an overview of media coverage for TRCA be provided twice yearly. The new format is to provide one report providing highlights of TRCA's activities and news coverage, as outlined in this staff report. The consolidated "In the News" report will be brought to the Authority for receipt every couple of months in place of the Good News Stories and Media Summary reports.

Healthy Rivers and Shorelines

- Watershed Management - Beach-Riverdale Mirror article on the final meeting for Don Mouth Naturalization and Flood Protection project is published on February 10th.
- Globe and Mail discusses low waters levels in Lake Ontario and the potential dredging work by TRCA in article "Low Water Keeps Boats in Dock" on April 22nd.
- New watershed committees held their first meetings.
- Education and Stewardship - The Ontario Trillium Foundation awarded \$238,600 to TRCA Stewardship for The "Valleybrook Community Stewardship Initiative", a four year project to engage local schools, community groups and residents in lot level stormwater management activities in and around the Etobicoke Creek.
- TRCA hosted the first Greater Toronto Area Conservation Authorities Watershed Monitoring Forum with Credit Valley Conservation, Central Lake Ontario Conservation Authority and Conservation Halton. Information was presented on conservation authority monitoring of watershed indicators of health, and the benefits of long-term monitoring results for use by municipal partners were highlighted.
- Certification/Awards - Don Watershed Concept Sites project received a Regional Award from the Canadian Society of Landscape Architects in their Awards of Excellence program.
- Facilities, Equipment and Property - Caledon Citizen reports on potential damage to Boyce's Creek from the failure of a Peel Well and mentions TRCA will be working with Peel and MNR in the article "Agencies assessing impacts from silt flowing into Boyce's Creek" on April 8th.
- Installed piece of equipment that removes calcification from water at Kortright.
- Planning and Development - The Ontario Municipal Board refused applications for zoning amendment/subdivision at 148-156 Rowntree Mill Road, City of Toronto.
- Research and Innovation - Fisheries and Oceans Canada (DFO) is beginning to recognize the significance and importance of TRCA's Headwater Study to their mandate to protect fish and fish habitat. This was evident at a full day discussion on Headwaters at a recent DFO training session. DFO has committed \$10,000 to continue our important research, monitoring and policy development initiatives around Headwaters.

Regional Biodiversity

- Land Acquisition - Toronto Sun and Etobicoke Guardian did stories on Heathercrest Park and its potential acquisition.
- Purchased the Pine Valley Link, an unopened road allowance backing on to Boyd Conservation Area.

- Planning and Development - Story about Uxbridge land purchase to improve trail appears in Uxbridge Times Journal on May 10th.
- Richmond Hill Liberal article "Metrus' development plan for Observatory now public" mentions TRCA will be reviewing development plans for Dunlop Observatory.
- Facilities, Equipment and Property - Rouge Park mentioned in Toronto Sun Story " Give Zoo to the Feds" on February 28th; Rouge Park also mentioned in February 11th story in Markham Sun Times called "Markham's leisure plan pegged at \$325 million over 10 years".
- Tommy Thompson Park media coverage appeared in the Globe and Mail "Leslie Street Spit's fleeting beauties" and Toronto Star's "The magical lilliput of Leslie St. Spit".
- On February 4th, the first pedestrian footbridge on the East Don Trail was set in place creating a key pedestrian link between the Wynford Heights community and Milne Hollow, part of the Charles Sauriol Reserve. Further work planned for 2010/11 will see the completion of this trail segment and a connection established linking to Moccasin Trail Park on the west side of the Don Valley.
- Education and Stewardship - TRCA was invited to participate in a panel presentation on "Building Green for a Sustainable Future" as part of the Rural Ontario Municipal Association (ROMA) and Ontario Good Roads Association (OGRA) combined conference, held February 21st-24th in Toronto. TRCA's experience and decision process with Leadership in Energy and Environmental Design (LEED) construction principles as it relates to the Restoration Services Centre, TRCA's first LEED Platinum project, was presented to an audience of elected municipal politicians and senior public works officials from across the province. Niagara Peninsula Conservation Authority and Enermodal Engineering staff were co-presenters.
- Wildlife - TRCA mentioned in story "Dogs and cats at risk as epidemic kills raccoons" in the Toronto Star on February 18th.
 - Story "Coyote attack on dogs raises concerns in Scarborough" by Scarborough Mirror, discusses signage in Rouge Park on how to manage a coyote encounter.
 - Story "birds flocking back to Scarborough" mentions that bird counters spotted trumpeter swans in Rouge Park in January 21st article.
 - On April 22nd, CBC TV News, Rogers First Local and Toronto Sun cover the Duffins Creek Atlantic salmon stocking event.
 - Ivory Gull observed at Cherry Beach on February 15th. This rare bird is classified as "near threatened", and few are seen south of the pack ice in the arctic. This bird appeared to have briefly used the habitat created by TRCA along the waterfront.
 - Fisher (the mammal) spotted in the Glen Major area, the first record and actual proof of this species within TRCA's jurisdiction. The presence of this species is a great indicator of the quality of the Glen Major Forest and the connectivity it provides to habitats to the north.
 - Mink spotted in Marigold Creek.
 - Caught an adult Atlantic salmon off the shore of Port Union Waterfront Park. The fish was not marked indicating that it was a hatchery release that has lived in the river and lake for the past few years.
 - Spring ephemerals are blooming 18 days early this year.
- Restoration - National Post wrote a story called "Island Tunnel plan revived" which mentioned Tommy Thompson Park fish habitat restoration.

Sustainable Communities

- **Facilities, Equipment and Property** - TRCA's stance on fencing in Humber Park West's Dog Park is mentioned in story "Dog park set to open" in the Etobicoke Guardian on February 3rd.
- Initiated final land acquisition component for Mimico Linear Park - Phase 2, meaning we can start construction this year.
- Bathurst Glen Golf Course received full Audubon accreditation.
- **Education and Stewardship** - News of Life is Better in Peel, an education awareness campaign, is covered by CanadianBusiness.com.
- Northumberland Today publishes story about EcoSchools and mentions TRCA in story "Percy Centennial becomes an Eco-school".
- Water.ca posts podcast interview with TRCA discussing building housing to LEED (Leadership in Energy and Environmental Design) standards.
- Partners in Project Green held its first Carbon 101 workshop and trained 40 companies on how to do their carbon footprint and develop reduction strategies.
- TRCA Archaeology staff involved as organizers/instructors with the first Aboriginal-Archaeological Liaison Program held by the Association of Professional Archaeologists and trainees from six of the Williams Treaty Nations.
- Launched personal carbon management calculator at Region of Peel Council.
- Kortright Centre finished its first full week training course for photovoltaic installers, which was sold out.
- **Planning and Development** - Northeast Pickering and Durham Official Plan Amendment (OPA) - province feels proposed new growth lands in Carruthers Creek headwaters are premature and do not meet intensification targets of Places to Grow Act and Plan, and they do not want to approve the OP yet. Gives TRCA time to carry out watershed studies for Carruthers Creek to assess the effects of growth.
- **Certification/Awards** - TRCA and the Greater Toronto Airports Authority were jointly a finalist for the Green Toronto Award for the Partners in Project Green project.
- **Celebrations and Events** - News of Partners in Project Green's Annual Meeting and Bullfrog Power Green Energy Challenge receives coverage in Brampton.ca, Nimonik.com, Natural Gas and Climate Change News, EnergyCentral.com, Energy Management Magazine, Voice of Toronto, Green Business Magazine and Hamilton Spectator. Partners in Project Green annual report was launched.
- Professional Access and Integration Enhancement (PAIE) Program's recognition event received media coverage from ethnic media including: Fairchild TV, Omni News, China Canada News and Epoch Times.
- Now Magazine, Snap Etobicoke and About.com mentioned the West Dean Earth Day event in their publications.
- **Research and Innovation** - On February 22nd, TRCA and York University co-hosted a climate science workshop on the state of Ontario's regional climate modelling capacity that was attended 135 delegates including scientists, representatives from local conservation authorities, climate scientists working in the private sector, researchers from 11 universities, and policy makers from federal, provincial and municipal governments. The workshop concluded that Ontario needs to increase its capacity for regional climate modelling while developing effective climate change adaptation strategies for the Province and its municipalities. To achieve this, the workshop participants are advocating for a regional climate modelling group among Ontario's universities, government agencies and private sector.

- The final plot of the permeable pavements demonstration at the Kortright Centre was completed in late April with Ultra Pervious Concrete donated by Lafarge. Performance of the permeable pavements will be monitored and evaluated over the next three years through a collaborative research partnership between TRCA's Sustainable Technologies Evaluation Program and the University of Guelph.
- 110 people attended the Designing for Effective Erosion and Sediment Control Workshop.
- Over the past several months, TRCA staff has worked closely with Earth Rangers on the design and construction of a bioretention cell for runoff management in their new parking lot. The bioretention cell was completed in early April and will be evaluated over the next three years under TRCA's Sustainable Technologies Evaluation Program.

Business Excellence

- Facilities, Equipment and Property - The Living City Campus at Kortright is mentioned in story "USGBC LEEDs the way in Green Build" in January 18th Renewable Energy Focus online.
- The Toronto Star ran a 24 hours of Earth Hour series. It profiled TRCA in article "Help employees make smart commute choices" as well as a tip from Kortright Conservation's Archetype Sustainable House in article "The other 24 hours" . Five additional profiles of TRCA staff's conservation tips were spotlighted, as well as a tip from a business involved in Partners in Project Green.
- On April 6th, the Globe and Mail did a story titled "Preparing for a plugged in future" that highlights TRCA's green fleet.
- On April 14th, a byline by BILD (Building, Industry and Land Development) about the Archetype Sustainable House at The Living City Campus at Kortright appeared entitled "GTA's Greenest Homes open to public".
- TRCA has been asked to beta test a new soy based toner cartridge. Toners to date have been petroleum based and not green at all. Preliminary results show that the new toner works just as well as the petroleum based product. If testing continues in the positive realm, TRCA will start to purchase the soy based product.
- Black Creek Pioneer Village was covered leading up to opening day in CTV News at noon and CP24 on April 30th.
- Education and Stewardship - On March 13, TRCA education expert appeared on CBC's Fresh Air to discuss kids and education.
 - TRCA Education has seen a significant growth in pre-service teacher candidates requesting practicum or internship opportunities with our education centres and programs (WOW included). This is a result of our ongoing outreach to faculties of education and increased awareness of TRCA programs, as well as the new policy on environmental education.
 - As a result of the early spring and the new larger classification of pontoon boat, lake-based programs started one month early at Lake St. George Field Centre.
- Celebrations and Events - Black Creek Pioneer Village launched its March Break Fun that garnered media coverage in the North York Mirror, Beach-Riverdale Mirror, Toronto Sun, Toronto Star and Torontoist.com
 - News about Alice in Wonderland weekend at Black Creek Pioneer Village was published in the North York Mirror, Muchmormagazine.com, WhateverMagazine.com, and Zoomer AM740.

- On February 26th, the North York Mirror wrote a story called "warm up this winter with the local arts scene" about Black Creek Pioneer Village's spinning class.
- In the Toronto Sun's Go Out and Play, the events information lists Dog sled races at Kortright Centre.
- Sugarbush Maple Syrup Festival garnered 21 pieces of media coverage from: Now Magazine, About.com, Canadianbusiness.com, Rogers Daytime York Region, CTV News, Toronto Sun, Toronto Star, Weather Network, YummyMummyClub.com, CP24, Newmarket Era Banner, KX96.FM; CFRB John Donabie, National Post, Globe and Mail, Newmarket Era Banner, Taste T.O. and Canoe.ca. The media coverage also included coverage from ethnic media: Fairchild TV, Oi Toronto, Echo Germanica and Korean TV KBV 1002 Global News and Radio Canada International (Spanish edition).
- The Sugarbush Maple Syrup Festival exceeded revenue targets at all three locations.
- Another successful Lake Ontario Evenings Speaker's Series was held, with over 150 people attending. The event highlighted work many agencies are doing around Lake Ontario. The event was profiled in Water Canada Magazine.
- On Tuesday, March 23, 2010, TRCA hosted the PAIE Program graduation of 45 internationally trained environmental engineers who have successfully completed the program. This celebration also recognized program funder representatives from Citizenship and Immigration Canada and Ministry of Citizenship and Immigration as well as supporting partners and organizations, employers and individual champions of diversity who's support and dedication helped to make the program a success.
- Paddle the Don booked up fully in under 12 hours.
- West Deane Park event held on Earth Day with 100 people attending.
- Partnerships - Media coverage for Partners in Project Green Cool Roof program include stories: "Roofs in Rexdale get Cool" in Etobicoke Guardian on February 18th; CanadianBusiness.com on February 8th; "Energy report hits Pearson's rooftops" in Mississauga News on February 8th; and "Cool Rexdale is Cool" in Now Magazine on February 24th.
- TRCA mentioned as a partner in Jane-Finch Communities Green Change Project in story "Golf club, Jane-Finch neighbours drive for the green" in Toronto Star, January 30th.
- Partnering with LSRCA and Uxbridge to promote Trail Capital of Canada (Uxbridge) trails at the Exhibition.
- Signing the CaGBC MOU approved by the Authority on April 30, 2010. TRCA is looking to work collaboratively with CaGBC on a variety of programs that have a common interest, including TRCA's Greening Retail and CaGBC's GREEN UP, to name two.
- Financial Capacity - Ministry of the Environment provided an additional \$70,000 toward Ontario Drinking Water Stewardship grants in the CTC Region for a total of \$ 501,000 available in 2010.
- Approved for \$110,000 from Lake Simcoe Cleanup Fund to develop and test a headwater monitoring protocol. The protocol will eventually become the provincial standard (will be a module in Ontario Stream Assessment Protocol) for monitoring of headwater drainage features.

- Sunny Days benefit Earth Day is a story by Pickering News Advertiser about the fundraiser held at Deer Creek Golf and Banquet Facility. The story also discusses the TRCA projects in Durham Region that would benefit from the event. Spokespeople also appeared on Rogers Daytime Durham to promote the event. Over was \$25,000 raised at the event.
- TRCA approves \$100 million annual budget.
- Received \$30,000 from Weston Foundation to offer Monarch teacher education courses in Halifax and Ottawa. Also includes capacity building funding for TRCA to expand this program nationally.
- The City of Toronto provided \$100,000 to TRCA to provide assistance to Toronto businesses in their reporting under the Community Right to Know by-law.
- Human Interest - TRCA has established a volunteer training program for planners. New Canadians through the M2P and PAIE programs, internships for college and university students, and placements for graduate students are offered. The volunteer is given the opportunity to gain relevant work experience that they can use to assist them in their career search. After four months with TRCA, our M2P volunteer was hired by Nottawasaga Valley Conservation Authority.
- Ron Dewell appointed as Acting General Manager for Rouge Park.
- For the first time all 56 of the TRCA's terrestrial volunteer monitoring sites are being monitored by volunteers. This is attributed both to the success of this program and increased interest in volunteering to gain environmental experience.

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Date: May 4, 2010

RES.#A88/10 - WATERSHED COMMITTEE MINUTES

Moved by: Paul Ainslie

Seconded by: Bryan Bertie

THAT Section IV items AUTH8.3.1 - AUTH8.3.3, inclusive, in regard to watershed committee minutes, be received.

CARRIED

Section IV Items AUTH8.3.1 - AUTH8.3.3, Inclusive

DON WATERSHED REGENERATION COUNCIL

Minutes of Meeting #2/10, held on April 8, 2010

Minutes of Meeting #3/10, held on April 24, 2010

HUMBER WATERSHED ALLIANCE

Minutes of Meeting #1/10, held on March 9, 2010

ROUGE PARK ALLIANCE

Minutes of Meeting #2/10, held on March 12, 2010.

ONTARIO REGULATION 166/06

**RES.#A89/10 - APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO
REGULATION 166/06**

Moved by: Grant Gibson
Seconded by: Paul Ainslie

**THAT Ontario Regulation 166/06 items EX11.1 - EX11.107, inclusive, contained in
Executive Committee Minutes #3/10, held on May 7, 2010, be received.**

CARRIED

TERMINATION

ON MOTION, the meeting terminated at 12:25 p.m., on Friday, May 21, 2010.

Gerri Lynn O'Connor
Chair

Brian Denney
Secretary-Treasurer

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