



City of Port Moody

Report/Recommendation to Council

Date: November 4, 2021
Submitted by: Community Development Department – Policy Planning Division
Subject: Extreme Weather Response Plan – Revised Funding Request

Purpose

To request additional funding to expand the scope of an Extreme Weather Response Plan.

Recommended Resolution(s)

THAT up to \$18,000 be approved and funded from the New Initiatives Reserve to cover the additional cost of developing an Extreme Weather Response Plan as recommended in the report dated November 4, 2021 from the Community Development Department – Policy Planning Division regarding the Extreme Weather Response Plan – Revised Funding Request;

AND THAT staff be authorized to submit a funding application to the Intact Foundation under the Municipal Climate Resiliency Grant.

Background

At the February 2, 2021 Committee of the Whole Meeting, Council passed the following resolution:

CW21/014

THAT the Phase One Climate Action Implementation Strategy be endorsed as recommended in the report dated December 2, 2020 from the Community Development Department – Policy Planning Division regarding Phase One Climate Action Implementation Strategy;

AND THAT action items and positions identified in the Phase One Climate Action Implementation Strategy without approved funding be referred to a future Finance Committee.

Previous Council motions related to the Extreme Weather Response Plan are provided for reference in **Attachment 1**.

Discussion

Scope of Work – Extreme Weather Response Plan Development

On February 2, 2021, Council endorsed the [Phase One Climate Action Implementation Strategy](#)¹, initiating implementation of 23 out of 54 actions in [the Climate Action Plan](#)² (CAP) before 2022. In March 2021, the Strategy was fully funded, and since then, staff have been working to implement the 23 actions.

One of actions in the Phase One Strategy is to *develop an Extreme Weather Response Plan with a focus on immediate and long-term support to vulnerable populations*, led by the Policy Planning Division. Through the Phase One Climate Action Implementation Strategy and the 2021 municipal budget process, Council dedicated \$25,000 to develop this Plan. Staff issued an RFQ in early fall 2021 to procure external expertise to assist with developing the Plan.

The Extreme Weather Response Plan will focus on five key areas:

1. People – support people in Port Moody during extreme weather events;
2. Infrastructure/Services – adapt infrastructure to minimize impacts of extreme weather, e.g., buildings, roads, and trails, and ensure service delivery is uninterrupted;
3. Education – increase community education on preparing for extreme weather events;
4. Mitigation – reduce risk from extreme weather events and ensure that actions do not increase GHG emissions; and
5. Resiliency – build community resiliency in responding to extreme weather.

The Extreme Weather Response Plan will be split into four phases:

Phase 1: Data Gathering and Analysis: the proponent will conduct analysis of risk, vulnerabilities, sensitivities, and the impacts and likelihood of extreme weather events, with a focus on vulnerable populations.

Phase 2: Communications and Engagement: the proponent will work with staff to develop a strategy to engage stakeholders. The proponent will lead engagement sessions with stakeholders and prepare a consultation and engagement summary.

Phase 3: Recommended Suite of Actions: the proponent will work with stakeholders and the staff Climate Action Working Group to develop a suite of actions that the City, community partners, and residents can take to prepare themselves. These actions will be organized into short-, medium-, and long-term actions, and will focus on the five key areas: People, Infrastructure/Services, Education, Mitigation, and Resiliency.

Phase 4: Draft Plan: the proponent will take all inputs and feedback from previous phases to compile a draft Extreme Weather Response Plan and present to Council for consideration. A more detailed description of the different phases within the plan is included in **Attachment 2**.

¹ Port Moody Phase One Climate Action Implementation Strategy: <https://www.portmoody.ca/en/city-hall/climate-action-plan.aspx#2021-Phase-One-Implementation-Strategy>

² Port Moody 2020 Climate Action Plan: <https://www.portmoody.ca/en/services/edocs.aspx?docnumber=511721>

Expanding Plan Scope to Achieve Multiple Climate Action and Council Goals

Developing an Extreme Weather Response Plan will contribute to the achievement of the following Climate Action Plan Goal: *ensure the City is ready to respond and support vulnerable populations during climate-related hazards, such as flooding, wildfires, and extreme heat or cold.* As outlined in the Request for Quote (RFQ) (**Attachment 2**), the Extreme Weather Response Plan will also achieve a second goal: *ensure all members of the community have equal access to information, support, and resources related to preparing for climate change impacts, such as inclement weather events.* This plan will also address Council direction to support vulnerable populations in both extreme heat and cold. To maximize efficiencies in staff time and budget, the scope of the project has been expanded to address both goals from the Climate Action Plan and Council direction to support vulnerable populations within one project. As a part of this project, staff will gain a better understanding of what types of information will be helpful to communicate to the public and this will inform implementation of future climate action plan projects related to the secondary goal mentioned above.

Revised Funding Request

\$25,000 was approved by Council for the creation of an Extreme Weather Response plan under Phase 1 of the of the Climate Action Plan Implementation Strategy. Staff anticipated it would be challenging to accomplish the expanded scope, within the \$25,000 budget, but proceeded with the RFP process to respond to all three directives as efficiently and cost-effectively as possible. Therefore, staff are requesting an additional budget of up to \$18,000 to support an expanded scope of work for a total budget of \$43,000.

The additional budget request is due to an increase in project scope in the following areas:

- meeting the short-term needs of the community (1-2 years), in addition to the medium- (3-5 years) and long-term (5+ years) needs;
- considering climate change impacts on current and future extreme weather events;
- applying a low-carbon resilience lens to understand how climate adaptation actions may affect climate mitigation and how to reduce/negate this impact (e.g., the need for air conditioning may increase GHG emissions); and
- embedding social vulnerability and equity considerations throughout plan development and recommendations, including working with a wide range of community partners to ingrain equity within the project.

Staff have engaged a consultant who is willing and able to complete the full scope of work for this project, pending Council endorsement of the additional funds.

Grant Opportunity – Intact Foundation

The [Intact Foundation's Municipal Climate Resiliency Grant \(MCRG\)](https://www.intactpublicentities.ca/the-intact-foundation)³ provides funding for municipalities towards effective, practical solutions that mitigate flood and wildfire risk (**Attachment 3**). Applications are open to any municipality across Canada, or in partnership with an NGO that has a mission to prevent the impacts of flood or wildfire. The grant application deadline is January 31, 2022, with successful applications receiving funding by May 31, 2022. The MCRG funds initiatives up to \$100,000 for projects slated to start before or by

³ Intact Foundation Climate Resiliency Grant: <https://www.intactpublicentities.ca/the-intact-foundation>

October 2022. Staff believe this project would be eligible for funding under the MCRG and have confirmed that projects can be initiated before a grant application has been approved. It is preferred that projects start earlier than the grant approval confirmation as it demonstrates that the project has internal financial backing, and the likelihood of completion is much higher.

MCRG timelines for application and reporting are as follows:

- October 4, 2021-January 31, 2022: Open for application submission;
- February 1, 2022-March 31, 2022: Application evaluation and approvals;
- April 1, 2022-May 31, 2022: Successful applications receive funding; and
- June 1, 2022-September 30, 2022: Successful applicants report progress and impact.

Applications will go through a three-step process, which includes initial screening by a member of the social impact team, secondary screening by a grants review committee, and final approval by the Intact Foundation.

Staff recommend that the request to the Intact Foundation be for the full project cost of \$43,000.

Next Steps

Pending Council approval of the additional funds, staff will finalize a contract with a consultant to undertake development of an Extreme Weather Response Plan starting in late November 2021. Staff and the consultants will then develop and undertake a stakeholder engagement strategy throughout the winter of 2021/2022. Staff will report back in the Q2 2022 with a summary of stakeholder engagement and a draft Extreme Weather Response Plan for Council consideration.

Other Option(s)

THAT the scope of the Extreme Weather Response Plan project be reduced to meet the \$25,000 budget that was originally approved.

Financial Implications

\$25,000 was approved through the 2021 Municipal Budget to develop an Extreme Weather Response Plan. An additional \$18,000 is being requested to expand the scope of the original Plan to achieve multiple Climate Action Plan and Council goals, and to maximize efficiencies in staff time and budget. There is potential to get up to 100% of the project budget funded through a Municipal Climate Resiliency Grant from the Intact Foundation. Pending Council endorsement, staff will apply for this grant and report back to Council with the results once they are known.

Communications and Civic Engagement Initiatives

Pending Council approval, the City's Policy Planning and Communications staff will work with consultants to prepare an appropriate stakeholder engagement process to inform the development of Extreme Weather Response Plan. A stakeholder engagement summary will be presented to Council along with the draft Extreme Weather Response Plan in the Q2 2022.

Council Strategic Plan Objectives

Implementation of the Climate Action Plan is consistent with the Environmental Leadership priority in the 2019-2022 Council Strategic Plan, which outlines a vision for the City to provide leadership in climate change by thinking globally and acting locally. Implementation of the Climate Action Plan was ranked as a Level 1 priority in the Council Strategic Plan and is considered a “must do” by Council.

Attachment(s)

1. Council Motions Related to Extreme Weather Response Plan.
2. Request for Quotations (RFQ) – Extreme Weather Response Plan.
3. Municipal Climate Resiliency Grant Guidelines – Intact Foundation.

Report Author

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Report Approval Details

Document Title:	Extreme Weather Response Plan Revised Funding Request.docx
Attachments:	<ul style="list-style-type: none">- Attachment 1 - Council Motions Related to Extreme Weather Response Plan.pdf- Attachment 2 - RFQ Extreme Weather Response Plan.pdf- Attachment 3 - Municipal Climate Resiliency Grant Guidelines – Intact Foundation.pdf
Final Approval Date:	Nov 16, 2021

This report and all of its attachments were approved and signed as outlined below:

Mary De Paoli, Manager of Policy Planning - Nov 9, 2021 - 6:13 PM

Kate Zanon, General Manager of Community Development - Nov 9, 2021 - 8:02 PM

Tracey Takahashi for Dorothy Shermer, Corporate Officer - Nov 12, 2021 - 12:24 PM

Rosemary Lodge, Manager of Communications and Engagement - Nov 13, 2021 - 9:22 AM

Paul Rockwood, General Manager of Finance and Technology - Nov 14, 2021 - 10:45 AM

Tim Savoie, City Manager - Nov 16, 2021 - 10:50 AM