

# Community Emergency Preparedness Fund

## Volunteer and Composite Fire Departments Equipment and Training

### 2023 Program and Application Guide – Updated December 2023

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| Application Deadline: October 20, 2023 |
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#### 1. Introduction

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The [Community Emergency Preparedness Fund](#) (CEPF) is a suite of funding streams intended to support First Nations and local governments to better prepare for disasters and reduce risks from natural hazards in a changing climate. Funding is provided by the Province of BC and is administered by the Union of BC Municipalities (UBCM).

As of April 2023, the funding streams include:

- Disaster risk reduction-climate adaptation
- Emergency operations centres equipment and training
- Emergency support services equipment and training
- Extreme temperature mapping, assessment, and planning
- Indigenous cultural safety and cultural humility training
- Public notification and evacuation route planning
- Volunteer and composite fire departments equipment and training

Please refer to [Appendix 1](#) for definitions of terms used in this guide. All defined terms are in **bold** in the program guide.

#### Background

**Fire departments** provide fire protection services in designated areas. **Fire departments** may be structured differently but all structure firefighters in BC are required to meet the published minimum training standards.

The [BC Structure Firefighter Minimum Training Standards](#) include the requirement for **fire departments** to declare their **level of service**. This applies to all local government, Treaty First Nation and any independent society-run **fire departments**. The training standards are not automatically applicable on federal reserve lands and, for the purpose of CEPF funding, non-Treaty First Nations are not required to declare their level of service if they are not prepared to do so. This will not impact the review or scoring of applications.

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| <p>Under the <i>Fire Services Act</i>, all fire departments must submit all reportable fires through FIRES incident reporting to the Office of the Fire Commissioner. Compliance with fire incident reporting will be a requirement for eligible applicants under future Volunteer and Composite Fire Departments Equipment and Training funding stream intakes.</p> |
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## Volunteer and Composite Fire Departments Equipment and Training Funding Stream

The intent of this funding stream is to enhance the ability of **volunteer fire departments** and **composite fire departments** to prepare for and respond to emergencies. Ongoing operational costs and the purchase of major fire apparatus are not eligible.

### 2. Eligible Applicants

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Eligible applicants are:

- First Nations (bands and Treaty First Nations) in BC
- Local governments (municipalities or regional districts) in BC
- Legally incorporated society-run fire departments in BC that are in good standing
- Improvement Districts in BC

Eligible applicants can submit one application per funding stream intake. This includes applying as a partnering applicant in a regional application.

Please note that eligible applicants must be a **fire department** as per the definitions in order to apply. Wildfire crews are not considered to be fire departments and are not eligible.

### 3. Grant Maximum

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The Volunteer and Composite Fire Departments Equipment and Training funding stream can contribute a maximum of 100% of the cost of eligible activities to a maximum of \$30,000.00.

However, due to the number of fire departments that may be under their jurisdiction, regional districts can apply for a maximum of \$30,000.00 for each fire department that they have established a service area for in a single application.

In order to ensure transparency and accountability in the expenditure of public funds, all other contributions for eligible portions of the project must be declared and, depending on the total value, may decrease the value of the funding. This includes any other grant funding and any revenue that is generated from activities that are funded by the Community Emergency Preparedness Fund.

### 4. Eligible Projects

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To qualify for funding, proposed activities must enhance the ability of **volunteer fire departments** and **composite fire departments** to prepare for and respond to emergencies.

In addition, to qualify for funding, projects must be:

- A new or subsequent phase of a project (retroactive funding is not available);
- Capable of completion by the applicant within one year from the date of grant approval;
- Where applicable, eligible for required approvals, authorizations and permits; and,
- Implementing full adoption of the [BC Structure Firefighter Minimum Training Standards](#).

#### Regional Projects

Funding requests from two or more eligible applicants for regional projects may be submitted as a single application for eligible, collaborative projects. In this case, the maximum funding available would be based on the number of eligible applicants included in the application. It is expected that regional projects will demonstrate cost-efficiencies in the total grant request.

The primary applicant submitting the application for a regional project is required to submit a resolution or motion as outlined in [Section 7](#) of this guide. Each partnering applicant is required to submit a resolution or motion that clearly states their approval for the primary applicant to apply for, receive, and manage the grant funding on their behalf.

## 5. Requirements for Funding

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As part of both the development of the application package and the delivery of the approved project, local governments are encouraged to proactively engage with local First Nations and Indigenous organizations. Engagement by local governments both locally and regionally can help build relationships with First Nations, benefit both communities and enhance reconciliation. More information on engagement best practices is available [here](#).

As part of the approval agreement, approved applicants must agree to the following requirements for funding:

- Any in-person activities, meetings, or events must meet public health orders and/or guidance.
- Activities must comply with all applicable privacy legislation under the *Freedom of Information and Protection of Privacy Act* in relation to the collection, use, or disclosure of personal information while conducting funded activities. Personal information is any recorded information about an identifiable individual other than their business contact information. This includes information that can be used to identify an individual through association or inference.
- Where applicable, the Qualified Professionals that manage the proposed project must be subject matter experts and any professional activities must be developed and signed by a qualified professional as per the *Professional Governance Act*.

## 6. Eligible and Ineligible Costs and Activities

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### Eligible Costs and Activities

First Nation and local government applicants are encouraged to review the [2024 FireSmart Community Funding and Supports](#) program guide before completing this application. Depending on wildfire risk, FireSmart funding can provide up to \$200,000 for eligible activities – including all of the interface fire equipment and training that is included in this guide.

Eligible costs are direct costs that are approved for funding, properly and reasonably incurred, and paid by the applicant to carry out eligible activities. Eligible costs can only be incurred from the date of application submission until the final report is submitted.

Table 1 identifies activities that are eligible for funding. Other activities that support the intent of the program may be considered for funding. Eligible activities must be cost-effective.

| <b>Table 1: Activities Eligible for Funding.</b> |
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| <b>1. Purchase of new or replacement equipment to enable or enhance the ability of eligible fire departments to meet the needs of the community and Training Standards in accordance with declared level of service.</b> |
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| <ul style="list-style-type: none"><li>• Equipment required to support response to structure fire (other than major fire apparatus) including turn out gear and equipment identified in <a href="#">Appendix 2</a></li><li>• Equipment required to support response to interface fires, <u>limited to</u> wildland firefighting personal protective equipment and equipment identified in <a href="#">Appendix 3</a></li></ul> |
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## 2. Training to enhance the ability of eligible fire departments to meet the needs of the community and Training Standards.

*Applicants are encouraged to identify qualified local providers for training. The following list includes examples of commonly used course names.*

*For all virtual courses, eligible costs include: course fee (if any), required course materials, and travel (including accommodations and per diems) only if required for internet connection or access to necessary technology. For all in-person courses, eligible costs include: course fee, required course materials, and travel (including accommodations and per diems).*

- All courses and functions defined in the [BC Structure Firefighter Minimum Training Standards 2022](#) in accordance with declared level of service
- Other specific training intended to build the resiliency of fire departments, including:
  - Mental wellness (e.g., Resilient Minds™)
  - Incident Command System (relevant levels to capacity of fire department)
  - Drafting suppression water from water courses (streams, creeks and lakes)
  - Pumping courses
  - Ropes and knots
  - Strategy and Tactics
  - Fire Officer training
  - Level 1 and 2 first aid
  - Indigenous Cultural Safety and Cultural Humility Training, in alignment with the [CEPF funding stream](#)
- Fire-related training props to assist with in-house training, including live burn training structures (limited to live burning using Class B fuels only)
- Cross training required to support response to interface fires limited to:
  - [Wildfire Risk Reduction Basics Course](#) (free, online course for non-forest professionals that provides an introduction to the key concepts to minimize the negative impacts of wildfires in BC.)
  - [Fire Life & Safety Educator](#) (public education course for fire safety education)
  - ICS-100 (Incident Command System - introduction to an effective system for command, control, and coordination of response at an emergency site; available online)
  - SPP-WFF1 Wildland Firefighter Level 1 (includes S-100, S-185, ICS-100)
  - [S-100](#) Basic fire suppression and safety (basic fire suppression training for contract crews) and S-100A (annual refresher)
  - [S-185](#) Fire entrapment avoidance and safety (general knowledge course on wildfire safety and entrapment avoidance for local governments, contract crews, and First Nations)
  - [S-231](#) Engine Boss (training for structure protection program in a WUI event)
  - [WSPP-115](#) (training for structure protection unit crews) and WSPP-FF1 (train the trainer)
  - Task force leader (for structure protection only; course for wildfire personnel to monitor and assess specialty resources that work together to accomplish a common wildfire task)
  - Structure Protection Group Supervisor (GrpS) (for structure protection only; course for wildfire personnel to implement assigned portion of the Incident Action Plan and be responsible for all operations conducted in the division/group)

## Additional Eligible Costs and Activities

In addition to the activities identified in Table 1, the following expenditures are also eligible provided they relate directly to eligible activities:

- Incremental applicant staff and administration costs (e.g., creating a new position or adding new responsibilities to an existing position);
- Consultant/contractor costs. Please note: if you intend to hire a qualified professional to support proposed activities, professional consultant rates will only be considered for activities that represent respective professions. For other activities (e.g., planning events) consultant rates are expected to be commensurate with the type of activity being undertaken;
- Identification/incorporation of community and cultural values through engagement. This includes seeking advice from Indigenous Knowledge Holders and other experts (e.g., health authorities, First Nations Health Authority, biologists, etc.) and engaging the community (e.g., equity-denied populations, Indigenous organizations), Indigenous Nations, local governments, agricultural sector, critical infrastructure owners, etc.;
- Honoraria for cultural leaders, Elders, Indigenous knowledge keepers, and/or cultural keepers when they are scheduled to speak, present, or teach. Note: these honoraria should reflect the role of Indigenous Peoples as subject matter experts and be equitable to consultant rates;
- Costs related to local cultural protocols (e.g., gifts, cultural ceremonies);
- Honoraria for equity-denied populations or service organizations that support equity-denied populations;
- Translation costs and the development of culturally appropriate education, awareness, or engagement materials;
- Presentation to Band Council, Treaty First Nation government, or local government Council or Board, or community organizations, etc.;
- Where applicable, costs related to required approvals, authorizations and permits;
- Public information costs. Please note, public information costs (e.g., workshops, printed materials) need to align with the intent of the funding stream and provide benefit to the community at large.

## Ineligible Costs and Activities

Any activity that is not outlined in Table 1 or is not directly connected to activities approved in the application is not eligible for grant funding. This includes but is not limited to:

- Routine or ongoing operating costs or activities (e.g., heating, cooling, and lighting; security; software or service subscriptions; or membership fees);
- Routine or ongoing planning costs or planning activities that are not incremental to the project;
- Regular salaries and/or benefits of applicant staff or partners;
- Duplication of recently developed information, maps, or imagery (e.g., LiDAR) provided the information remains accurate;
- Project-related fees payable to the applicant(s) (e.g., permit fee for installation of eligible equipment);
- Costs related to individual or household preparedness or **mitigation** work, including workshops and purchase of emergency supplies (e.g., first aid kits, evacuation supplies) for community members or households;
- Development of curriculum for Kindergarten to Grade 12 education;
- Major capital improvements or major renovations to existing facilities and/or construction of new, permanent facilities (excluding live burn training structures);
- Purchase of promotional items, door/raffle prizes, give-away items, and/or gifts for community members (except costs related to local cultural protocols);

- Use of a fire department during an emergency;
- Training offered through the [Provincial Emergency Management Training Program](#);
- Training required for chain saw operation, helicopter landing zones, search and rescue, high angle rescue, road rescue and/or medical assist;
- Conferences;
- Trailers and/or canopies for utility vehicles;
- Refer to [Appendix 2](#) for examples of specific equipment that is not eligible for funding.

Local Government applicants are encouraged to review the [Community Works Fund](#) (Canada Community Building Fund) program materials. New and retrofit/modernization fire halls and fire stations are eligible under CWF, as well as the acquisition of a fire truck as part of an overall capital upgrade to an existing fire hall or construction of a new fire hall.

## 7. Application Requirements and Process

UBCM is in the process of implementing an online application tool. Information on this tool will be available later in 2023.

### Application Deadline

The application deadline is **October 20, 2023**. Applicants will be advised of the status of their application within 90 days of the application deadline.

### Required Application Contents

EMCR and GeoBC respect the First Nations principles of OCAP®. Any product, data or information which may include Indigenous knowledge may be submitted at the discretion of the applicant.

All applicants are required to submit an electronic copy of the complete application, including:

- Completed Application Form and all required attachments;
- Evidence of declared service level (e.g., bylaw, resolution);
- Detailed budget that indicates the proposed expenditures from CEPF and aligns with the proposed activities outlined in the application form. Although additional funding or support is not required, any other grant funding or in-kind contributions must be identified;
- For regional projects only: resolution or motion from each partnering applicant that clearly states their approval for the primary applicant to apply for, receive and manage the grant funding on their behalf. Resolutions or motions from partnering applicants must include this language.

If the applicant is a local government, First Nation or improvement district, the following must also be submitted:

- Band Council resolution, Treaty First Nation resolution, or local government Council or Board resolution indicating support for the current proposed activities and willingness to provide overall grant management.

If the applicant is a legally incorporated society-run fire department, they must also submit:

- Board of Directors motion indicating support for the current proposed activities and willingness to provide overall grant management;
- Current Certificate of Good Standing.

## Submission of Applications

Applications should be submitted as Word, Excel or PDF files. Total file size for email attachments cannot exceed 20 MB.

All applications should be submitted to Local Government Program Services, Union of BC Municipalities by e-mail: [cepf@ubcm.ca](mailto:cepf@ubcm.ca).

## Review of Applications

UBCM will perform a preliminary review of applications to ensure the required application contents have been submitted and to ensure that basic eligibility criteria have been met. Only complete application packages will be reviewed.

As required, the Evaluation Committee will assess and score all eligible applications. Point values and weighting have been established within each of these scoring criteria. Only those applications that meet a minimum threshold point value will be considered for funding.

Higher application review scores will be given to projects that:

- Align with the intent of the Volunteer and Composite Fire Departments, Equipment and Training funding stream:
  - Clearly demonstrate how the proposed project will build the resiliency of volunteer and composite fire departments in preparing for and responding to emergencies, based on the declared level of service;
  - Support eligible fire departments with limited resources that impede the ability to purchase essential equipment and/or obtain training.
- Provide training to specifically address the mental and physical health and wellbeing of eligible fire department staff and volunteers;
- Demonstrate partnerships, transferability or mutual aid with neighbouring jurisdictions;
- Contribute to a comprehensive, cooperative and regional approach and benefits; and,
- Are cost-effective.

As required, the Evaluation Committee will consider the provincial, regional, and urban/rural distribution of proposed projects, and previous CEPF funding. Recommendations will be made on a priority basis. All funding decisions will be made by UBCM.

UBCM may share all applications with the Province of BC and the First Nations' Emergency Services Society

## 8. Grant Management and Applicant Responsibilities

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Grants are awarded to eligible applicants only and, as such, the applicant is responsible for completion of the project as approved and for meeting reporting requirements.

Applicants are also responsible for proper fiscal management, including maintaining acceptable accounting records for the project. UBCM reserves the right to audit these records.

### Notice of Funding Decision

All applicants will receive written notice of funding decisions. Approved applicants will receive an Approval Agreement, which will include the terms and conditions of any grant that is awarded, and that is required to be signed and returned to UBCM within 30 days.

Grants are awarded in two payments: 50% when the signed Approval Agreement has been returned to UBCM, and the remainder when the project is complete and the final reporting requirements have been met.

Please note that in cases where revisions are required to an application, or an application has been approved in principle only, the applicant has 30 days from the date of the written notice of the status of the application to complete the application requirements. Applications that are not completed within 30 days may be closed.

### **Progress Payments**

To request a progress payment, approved applicants are required to submit the [Interim Report Form](#). The form will require the following information:

- Description of activities completed to date;
- Description of funds expended to date; and,
- Written rationale for receiving a progress payment.

### **Changes to Approved Projects (Amendment Requests)**

Approved grants are specific to the project as identified in the approved application, and grant funds are not transferable to other projects. Generally speaking, this means funds cannot be transferred to an activity that was not included in the approved application or to a new or expanded location.

Approval from UBCM and/or the Evaluation Committee will be required for any variation from the approved project. Depending on the complexity of the proposed amendment, requests may take up to 90 days to review.

To propose changes to an approved project, applicants are required to submit the [Interim Report Form](#). If UBCM determines the amendment is eligible for consideration, applicants will be required to submit:

- Amended application package, including updated, signed application form, required attachments, and an updated resolution or motion;
- For regional projects only, evidence of support from partnering applicants for proposed amendments will be required; and,
- Written rationale for proposed changes to activities and/or expenditures.

Applicants are responsible for any costs above the approved grant unless a revised application is submitted and approved prior to work being undertaken.

### **Extensions to Project End Date**

All approved activities are required to be completed within the time frame identified in the approval agreement and all extensions beyond this date must be requested in writing and be approved by UBCM.

The [Interim Report Form](#) will be required to be submitted for all extension requests over six months. Extensions will not exceed one year from the date of the original final report deadline.

## **9. Final Report Requirements and Process**

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All funded activities must be completed within one year of notification of funding approval and the final reports are due within 30 days of project completion.

EMCR and GeoBC respect the First Nations principles of OCAP®. Any product, data or information which may include Indigenous knowledge may be submitted at the discretion of the applicant.

### **Final Reports**

Applicants are required to submit an electronic copy of the complete final report, including the following:

- Completed Final Report Form with all required attachments;
- Detailed financial summary that indicates the actual expenditures from CEPF and other sources (if applicable) and that aligns with the actual activities outlined in the Final Report Form;
- Copies of any training or capacity building materials that were produced with grant funding;



- Photos of funded activities and/or completed projects; and,
- Links to media directly related to the funded project.

### **Submission of Final Reports**

Reports should be submitted as Word, Excel or PDF files. Total file size for email attachments cannot exceed 20 MB.

All applications should be submitted to Local Government Program Services, Union of BC Municipalities by e-mail: [cepf@ubcm.ca](mailto:cepf@ubcm.ca).

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| UBCM may share all report materials with the Province of BC and the First Nations' Emergency Services Society. |
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### **10. Additional Information**

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For enquiries about the application process or general enquiries about the program, please contact:

Union of BC Municipalities

E-mail: [cepf@ubcm.ca](mailto:cepf@ubcm.ca)

Phone: (604) 270-8226 extension 220

## Appendix 1: Definitions

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Please refer to [CEPF Definitions](#) for defined terms used throughout the Community Emergency Preparedness Fund program and application materials.

The following definitions apply to the Volunteer and Composite Fire Departments Equipment and Training funding stream.

**Career Fire Department:** a **fire department** that has a complete roster of fulltime members that ensure that the fire services required by the local government can be provided to the residents of a defined fire protection area. Any roster of volunteers within the department is not essential to the ability of the fire department to function in their service provision. The volunteer roster is strictly for succession or an introductory path of community members to assist in fire services and only there for surge capacity if ever needed.

**Composite Fire Department:** a **fire department** that has a mixture of fulltime paid members and volunteers (unpaid, honorarium or paid on call). The capability of the department is fully dependent on the volunteer roster for the department to provide the required fire services to residents of a defined fire protection area.

**Fire Department:** a department established and operated as a Local Authority service responsible for the prevention or suppression of fires in a defined Fire Protection Area by a Local Authority or a board, or commission of a registered society having the responsibility for the management or conduct of work or services through a service agreement, or equivalent of any of the above.

**Level of Service:** the determination and declaration of a service level (*exterior, interior and full-service*) for a local government fire department is intended to assist in the development of a training program for their structure firefighters. The training program is expected to enable the department personnel that attends a fire scene will have the skills and abilities to safely and effectively deliver, fire services of the declared service level.

**Mitigation:** the lessening or minimizing of the adverse impacts of a hazard (modified from [Sendai Framework for Disaster Risk Reduction](#)).

**Resilience:** the ability of a system, community or society exposed to hazards to resist, absorb, accommodate, adapt to, transform and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions through risk management ([Sendai Framework for Disaster Risk Reduction](#)).

**Volunteer Fire Department:** a **fire department** that has a complete roster of volunteers (unpaid, honorarium or paid on call) members that are available either on a scheduled rotation or on-call to provide the fire services of the department for the residents of a defined fire protection area.

## Appendix 2: Funding Requirements for Equipment Required to Support Response to Structure Fire

The purchase of new or replacement equipment to enhance the ability of eligible fire departments to meet the needs of the community and BC Structure Firefighter Minimum Training Standards in accordance with declared level of service is eligible for funding and must align with Table 2.

For additional information regarding apparatus, the Underwriters' Laboratories of Canada Standard, ULC S515 should be referenced. This Standard may be purchased from the Underwriters' Laboratories of Canada.

### Eligible Costs and Activities

| <b>Table 2: Basic Fire Department Apparatus Equipment</b>        |  |                 |
|--|--|-----------------|
| <b>Category</b>  | <b>Item</b>  | <b>Quantity</b> |
| Minimum Equipment Carried by Water Tenders (Mobile Water Supply) | 2.7 kg axe, either pick-head or flathead   | 1               |
|  | 2 m or longer pike pole or plaster hook  | 1               |
|  | Portable hand lights   | 2               |
|  | Approved dry chemical portable fire extinguisher with a minimum 80-B:C rating  | 1               |
|  | 9.5 L or larger water extinguisher   | 1               |
|  | SCBA complying with CSA Z94.4 "Selection, Use and Care of Respirators", but not less than two, mounted or stored in containers supplied by the SCBA manufacturer   | 1               |
|  | Spare SCBA cylinder for each SCBA carried, each mounted or stored in a specially designed storage space  | 1               |
|  | First aid kit (meeting member certification)   | 1               |
|  | Combination spanner wrenches   | 2               |
|  | Hydrant wrench   | 1               |
|  | Minimum of 60 m of 65 mm or larger fire hose   | 1               |
|  | Double female adapter for 65 mm or larger fire hose  | 1               |
|  | Double male adapter for 65 mm or larger fire hose  | 1               |
|  | Wheel chocks each designed to hold the fire fighting apparatus when loaded to its maximum in-service weight, when on a 10% grade with the transmission in neutral and the parking brake released, shall be mounted in readily accessible locations   | 2               |
|  | If none of the pump intakes are valved, a hose appliance that is equipped with one or more gated intakes with female swivel connection(s) compatible with the supply hose used on one side and a swivel connection with pump intake threads on the other side shall be carried. Any intake connection 90 mm or larger shall include a pressure relief device | As required     |

| Category   | Item  | Quantity |
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| Minimum Equipment Carried by Water Tenders (Mobile Water Supply) - <i>continued</i>  | Rubber mallet for use on suction hose connections shall be carried in a bracket fastened to the apparatus   | 1        |
|  | If the mobile water supply fire fighting apparatus is equipped with a fire pump<br>Portable collapsible water tank of at least 5600 L capacity<br>Portable pump with gasoline-driven engine | 1        |
| Mobile Water Supply Fire Fighting Apparatus equipped with Fire Pump<br><i>Along with the minimum equipment noted above, the following shall be added</i> | 6.1 m of smooth-bore hard suction hose of size appropriate to the pump or 4.6 m of soft suction   | 1        |
|  | 120 m of 38 mm, 45 mm or 50 mm fire hose  | 1        |
|  | Combination spray nozzles, 360 L/min minimum  | 2        |
| Additional Equipment Recommended for Mobile Water Supply   | Crowbar, 1 m minimum  | 1        |
|  | Pair insulated bolt cutters with 11 mm minimum cut  | 1        |
|  | Halligan-type tool with brackets  | 1        |
|  | Fire service claw tool  | 1        |
|  | 2 ½ in (65 mm) Hydrant gate valve   | 1        |
|  | Shovel pointed, long handle   | 1        |
|  | Hose straps   | 4        |
|  | 38 m length of utility rope with a minimum breaking strength of 2268 kg   | 1        |
|  | Portable pump   | 1        |
|  | Low level strainer for use with portable tanks  | 1        |
|  | Tool box with hammers, wrenches, screwdrivers and other assorted tools  | 1        |
|  | Water transfer device to be used between portable tanks   | 1        |
|  | Gas Engine trash pump   |          |
| Portable bladder(s)  |   |          |
| Required Equipment for an Engine   | 2.7 kg pick-head axe, with unpainted wooden handle  | 1        |
|  | 2.7 kg flathead axe, with unpainted wooden handle   | 1        |
|  | 1.8 m pike pole or plaster hook   | 1        |
|  | 2.4 m or longer pike pole   | 1        |
|  | Portable hand lights  | 2        |
|  | Approved dry chemical portable fire extinguisher with a minimum 80-B:C rating   | 1        |
|  | 9.5 L or larger water extinguisher  | 1        |

| Category   | Item   | Quantity     |
|--|--|--------------|
| Required Equipment for an Engine - <i>continued</i>  | Self-contained breathing apparatus (SCBA) complying with CSA Z94.4 "Selection, Use and Care of Respirators", for each assigned seating position, but not less than four, mounted or stored in containers supplied by the SCBA manufacturer   | Minimum of 4 |
|  | Spare SCBA cylinder for each SCBA carried, each mounted or stored in a specially designed storage space  | 1            |
|  | First aid kit- (meeting member certification level)  | 1            |
|  | Combination spanner wrenches   | 4            |
|  | Hydrant wrenches   | 2            |
|  | 65 mm double female adapter  | 1            |
|  | 65 mm double male adapter  | 1            |
|  | Rubber mallet, suitable for use on suction hose connections  | 1            |
|  | Salvage covers, 3.7 m X 4.3 m  | 2            |
|  | Wheel chocks each designed to hold the fire fighting apparatus when loaded to its maximum in-service weight, when on a 10% grade with the transmission in neutral and the parking brake released, shall be mounted in readily accessible locations   | 2            |
|  | For supply hose not using sexless couplings: additional double female adapter and double male adapter required. Adapters sized to fit fire hoses 65 mm or larger and mounted in brackets fastened to the fire fighting apparatus   | As required  |
|  | If none of the pump intakes are valved, a hose appliance that is equipped with one or more gated intakes with female swivel connection(s) compatible with the supply hose used on one side and a swivel connection with pump intake threads on the other side shall be carried. Any intake connection 90 mm or larger shall include a pressure relief device | As required  |
|  | Straight ladder with roof hooks  | 1            |
|  | Extension ladder   | 1            |
|  | Attic ladder<br>NOTE: Purchaser should specify a greater length such as 9 or 10 m as being more useful in most cases   | 1            |
|  | 120 m of 38 mm, 45 mm or 50 mm fire hose   | 1            |
| 360 m of 65 mm or larger fire hose   | 1  |              |
| Combination spray nozzle, 750 L/min minimum<br>combination spray nozzle, 750 L/min minimum | 1  |              |

| Category   | Item   | Quantity    |
|--|--|-------------|
| Required Equipment for an Engine - <i>continued</i>  | Combination spray nozzle, 360 L/min  | 1           |
|  | Playpipe with shut off and 25 mm, 29 mm and 32 mm tips   | 1           |
|  | Additional of either a combination spray nozzle, 750 L/min minimum or playpipe with shut off and 25 mm, 29 mm and 32 mm tips | 1           |
|  | Quick Connect deluge gun   | 1           |
|  | <b>Updated:</b> Fire blankets – As of December 2023, fire blankets are no longer eligible for funding                        |             |
| Additional Equipment Recommended for Engines (According to level of service)   | Crowbar, 1 m minimum   | 1           |
|  | Pair insulated bolt cutters with 11 mm minimum cut   | 1           |
|  | Halligan-type tool with brackets   | 1           |
|  | Back-pack type pump tank extinguishers   | 6           |
|  | 2 ½ in (65 mm) hydrant gate valve  | 1           |
|  | Reducing gated wye, to fit hose used   | 1           |
|  | Hose straps  | 4           |
|  | 38 m length of utility rope with a minimum breaking strength of 2268 kg  | 1           |
|  | 3000 W (minimum) portable generator  | 1           |
|  | 500 W portable lights  | 2           |
|  | Cord reels with a minimum 61 m cord on each, compatible with lights, and generator   | 2           |
|  | Portable pump  | 1           |
|  | Tool box with hammers, wrenches, screwdrivers and other assorted tools   | 1           |
|  | Fire brooms  | 3           |
|  | Hose clamp   | 1           |
|  | Metal rakes  | 4           |
|  | Long handle, pointed shovel  | 1           |
|  | Scoop shovel   | 1           |
|  | Master stream appliance, (3785 L/min) minimum  | 1           |
|  | Foam delivery equipment compatible with onboard foam system  | As required |
|  | Additional 38 mm hose and nozzles for rural service  | As required |
|  | Additional longer extension ladders in lieu of ladder truck support  | As required |
| Additional self-contained breathing apparatus (SCBA) sufficient that each fire fighter fighting interior fires shall be equipped, along with one spare bottle per SCBA | As required  |             |



| Category   | Item  | Quantity    |
|--|---|-------------|
| Additional Equipment Recommended for Engines (According to nature of service) - <i>continued</i>                   | Electric power blower   |             |
|  | Saws (chain, electric, cordless, circular, reciprocating, etc.) in support of RIT |             |
|  | Drills (power or cordless)  |             |
| Incident Command Equipment   | Radios  | As required |
|  | ICS Command Boards  | 1           |
|  | Leatherman  |             |
|  | Binoculars or similar   |             |
|  | Map books (primarily backroads or trails knowledge)                               |             |
| Training items<br><i>All live fire devices must be limited to Class B fuels to limit exposures to firefighters</i> | Digital Fire simulator  |             |
|  | Smoke generator   |             |
|  | Palmer dollhouse  |             |
|  | Manuals and workbooks (e.g., International Fire Service Training Association)     |             |

### Ineligible Costs and Activities

The following items are not eligible as equipment required to support response to structure fire:

- Major capital items, major fire apparatus or vehicles
- Foam, flammable liquid and/or batteries (except when used for training purposes only)
- Defibrillators
- Weather metres and/or weather stations
- GPS devices and compasses
- Drones
- IT equipment
- CPR training dummies
- Tents, sleeping bags and sleeping mats
- Spill kits
- Equipment required for search and rescue, high angle rescue, road rescue and/or medical assist (e.g., stretcher mule)
- Wildland fire training equipment



### Appendix 3: Funding Requirements for FireSmart Structure Protection

The purchase of equipment for FireSmart Structure Protection should be in support of the completion of a FireSmart Structural Protection Trailer, a Structure Protection Community Assessment and training of structural protection personnel as outlined below.

For more information on the trailer requirements and Structure Protection Community Assessments please contact the Structure Protection Coordination Office at [spco@gov.bc.ca](mailto:spco@gov.bc.ca)

#### Phase 1 Start up

It is recommended that in this phase applicants commit to completion of a FireSmart Structure Protection Trailer and purchase initial equipment (limited to Table 2), start the process of requesting Structure Protection Community Assessments (contact the Structure Protection Coordination Office at [SPCO@gov.bc.ca](mailto:SPCO@gov.bc.ca)) and train staff to support a structure protection program.

Phase 1 was designed to ensure that a community would have a functional set of structure protection equipment while they build their overall structure protection program.

For the purpose of funding, the following are not eligible as Phase 1: Start Up expenditures: mixed oil 2 cycle, chain oil, tape (duct, Teflon or electrical), and rags.

**Table 3: Eligible Activities for FireSmart Structure Protection Phase 1: Start Up**

| Category   | Item                          | Quantity |
|------------|-------------------------------|----------|
| Pump       | Mark 3/ Wick 375/ Watson*     | 2        |
|            | Pump Tool Kit                 | 3        |
|            | Suction Hose with Foot Valve* | 3        |
|            | Fuel Can                      | 4        |
|            | Single Fuel Line              | 4        |
|            | Dual Fuel Line                | 4        |
| Berm       | Portable Berm                 | 2        |
| Hose       | 1.5" x 100ft                  | 15       |
|            | 1.5" X 50ft                   | 20       |
|            | Econo x 50ft                  | 50       |
|            | Econo x 25ft                  | 40       |
| Nozzle     | Econo                         | 5        |
|            | 1.5"                          | 6        |
| Valves     | 3-way                         | 10       |
| Sprinklers | Butterfly                     | 15       |
|            | Large Sprinkler               | 15       |
|            | Small Sprinkler               | 15       |
|            | Gutter Mount                  | 10       |
|            | Gutter Mount Bracket          | 10       |

| <b>Category</b> | <b>Item</b>       | <b>Quantity</b> |
|-----------------|-------------------|-----------------|
| Water thieves   | 1.5"              | 30              |
| Portable Tank   | 2500 Gal          | 1               |
|                 | Drain Kit         | 1               |
| Ladder          | Extension         | 1               |
| Impact Tool     | Impact Driver     | 1               |
| Poly            | Rolls             | 2               |
| Tape            | SPU Flagging      | 5 x 5 colours   |
| Saw             | Hand              | 1               |
| Safety          | Fire Extinguisher | 1               |
|                 | First Aid         | 1               |
|                 | Cones             | 1               |

\* Updated July 2023 to correct equipment.