



# SUNSHINE COAST REGIONAL DISTRICT

## Question and Answers # Request for Proposal No. 2322201 Extreme Heat Plan

**Date: May 26, 2023**

### **Item No.1**

**Question:** What data sources does the SCRD currently have access to that can support this project? This could include demographic data, geographic information system (GIS) data, etc.

**Answer:** We have access to the publicly available census data from Statistics Canada. We have the GIS data that a typical local government would possess, land parcels, infrastructure, roads, facilities etc.

### **Item No.2**

**Question:** Can the SCRD provide further specifications on what they expect to see in the Extreme Heat Risk Map?

**Answer:** Heat warnings provided by ECC are generalized for a large area of the province. As per the provincial Heat-Alerting-Response-System; Urban and Suburban "Heat Islands" can occur in areas due to naturally occurring influences, such as dry/ desert / lack of vegetation etc. and can occur due to alterations in the landscape for development of buildings, roads etc. We are looking to have a map of the Sunshine Coast that will identify the different areas of risk due to influences on the landscape. From there we would like to have identified locations where "vulnerable populations" are known to reside, i.e. hospital, care homes, shelters, schools etc.

### **Item No.3**

**Question:** Can the SCRD provide more details about the shortcomings in their current Emergency Response and Recovery Plan that were exposed during past heat events?

**Answer:** Our current ERP, is out of date and relatively high-level. We have developed detailed guidelines for providing cooling centres but lack a Heat and Wildfire Smoke Plan that provides in-depth heat preparedness and heat response activities.

### **Item No.4**

**Question:** What specific mapping software does the SCRD use, and what data formats are compatible with this system?

**Answer:** We use ESRI software, ArcGIS Pro. Data formats include; Shapefiles, Geodatabase files and the ability to convert most other data formats to ESRI formats.

### **Item No.5**

**Question:** What is the expected budget range for this project?

**Answer:** \$120,000

### **Item No.6**

**Question:** Can the engagements be conducted virtually? That would be a much more efficient way considering the geographical extent of SCRD.

**Answer:** Yes, this would be an acceptable alternative.

### **Item No.7**

**Question:** Is there any chance to extend the timeline of the project? The current timeline is extremely tight for conducting meaningful consultations/engagements and mapping work

**Answer:** This project is grant funded with an imposed deadline on when all work needs be completed. There is some flexibility in the timeline (1-2 weeks), but we can not extend longer than that.