

CRD GRANT PROPOSAL REVIEW

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SECTION 1: APPLICANT AND GRANT INFORMATION				
CRD DEPT. PES	SERVICE NAME: CONTACT YOUR FINANCIAL ADVISOR TO ENGAGE THEM IN YOUR PROPOSAL. Panorama Recreation			SERVICE NO.:
WHAT SERVICE TYPE COULD BENEFIT? Sub-Regional	WHICH ELECTORAL AREA? Choices	IF THE PROJECT IS IN AN ELECTORAL AREA, LIST THE COMMUNITY(IES) THAT WILL BENEFIT.		
GRANT PROGRAM NAME Investing in Canada Infrastructure Program - Community, Culture and Recreation Infrastructure				APPLICATION DUE (MM/DD/YYYY) 07/30/2020
PROPOSED PROJECT TITLE Panorama Energy Recovery Project			PROJECT TYPE Climate Adaptation Infrastructure	
DESCRIBE THE OUTCOME OF THE PROJECT: <ul style="list-style-type: none"> - Dramatically reduce CO2e emissions created through the operation of Panorama Recreation Centre - Reduce operating costs - Improve air quality (temperature and circulation) in arenas and tennis facility - System would also provide the opportunity to provide some air conditioning in the arenas and tennis facilities in the summer making the spaces more usable and accessible in the community 				
SECTION 2: ALIGNMENT AND IMPACT – Is it a Good Fit for the CRD?				
Grants can provide timely additional resources to advance organizational goals. The pursuit of a grant opportunity must, however, be carefully reviewed to check for potential impacts that can have unexpected and unintended consequences. Some grants are straightforward; others are more complex. The questions below help sort everything out for well-informed action.				
ALIGNMENT WITH A CRD BOARD PRIORITY? Climate Action & Environmental Stewardship	ALIGNMENT WITH A CORPORATE PRIORITY? Fiscal Responsibility	ALIGNMENT WITH THE REGIONAL GROWTH STRATEGY? Choices		
ALIGNMENT WITH THE SERVICE PLAN? Choices	ALIGNMENT WITH THE CAPITAL PLAN? Choices	ALIGNMENT WITH THE ASSET MANAGEMENT PLAN? No-AMP being developed		
IF THE PROJECT ALIGNS WITH A DEPARTMENTAL / DIVISIONAL STRATEGIC PLAN, PLEASE SPECIFY WHICH ONE: Climate Action Plan				
THE TIME-RELATED QUESTIONS BELOW ARE SEEKING APPROXIMATIONS. FOR AN EXPLANATION OF CONTEXT/METHODOLOGY, CLICK HERE .				
HOW MANY HOURS, <u>APPROXIMATELY</u> , WILL PREPARING THE GRANT APPLICATION TAKE? <input type="checkbox"/> 1-10 <input checked="" type="checkbox"/> 11-30 <input type="checkbox"/> 31-50 <input type="checkbox"/> 51-70 <input type="checkbox"/> 71-90 <input type="checkbox"/> 91-110 <input type="checkbox"/> 111-130 <input type="checkbox"/> 131-170 <input type="checkbox"/> 171+		HOW MANY HOURS, <u>APPROXIMATELY</u> , WILL GRANT ADMINISTRATION TAKE IF AWARDED? <input type="checkbox"/> 1-10 <input type="checkbox"/> 11-30 <input type="checkbox"/> 31-50 <input type="checkbox"/> 51-70 <input type="checkbox"/> 71-90 <input checked="" type="checkbox"/> 91-110 <input type="checkbox"/> 111-130 <input type="checkbox"/> 131-170 <input type="checkbox"/> 171+		
GRANT REQUEST: \$ 1,700,000	CRD COSTS: ELIGIBLE AND INELIGIBLE \$ 700,000	TOTAL PROJECT COST (EST.) \$ 2,400,000	MAIN SOURCE OF CRD FUNDING SHARE Capital Reserve Fund	EVIDENCE OF SECURED FUNDS Yes-funding evidence is available now
WHAT IMPACT WILL THE APPLICATION EFFORT HAVE ON THE YOUR SERVICE'S WORKPLAN? 1-Low: Applying is not disruptive to the Service's workplan			WHAT IMPACT WOULD RECEIVING THIS GRANT HAVE ON YOUR SERVICE'S WORKPLAN? 1-Low: This grant is not disruptive to the Service's workplan	
IF APPLYING FOR THE GRANT HAS AN IMPACT RATING OF 2 OR 3, IDENTIFY YOUR SERVICE'S WORKPLAN ADJUSTMENTS NEEDED TO ACCOMMODATE THE GRANT APPLICATION EFFORT.				
IF BEING AWARDED THE GRANT HAS AN IMPACT RATING OF 2 OR 3, IDENTIFY YOUR SERVICE'S WORKPLAN ADJUSTMENTS NEEDED TO ACCOMMODATE PROJECT IMPLEMENTATION.				
WHAT TYPE OF OBLIGATIONS WOULD GETTING THE GRANT IMPOSE ON THE CRD:		1. TYPICAL-Executing/amending agreement, claims, project reports		
IF THE CRD OBLIGATIONS ARE TYPE 2, DESCRIBE ADJUSTMENTS TO THE SERVICE'S WORKPLAN OR ANY OTHER MEASURES NEEDED TO ACCOMMODATE THESE OBLIGATIONS.				
WHAT SPILLOVER BENEFITS, ABOVE AND BEYOND THE GRANT PROGRAM OBJECTIVES, COULD RESULT FROM THIS GRANT EFFORT? SEE INTANGIBLE BENEFIT EXPLANATION HERE . <input checked="" type="checkbox"/> INNOVATION <input type="checkbox"/> PARTNERSHIP/COLLABORATION <input type="checkbox"/> SUPPORT OF RURAL COMMUNITIES <input type="checkbox"/> MITIGATION OF A SEVERE RISK				

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SECTION 3: ASSET MANAGEMENT REVIEW: For projects that relate to new or renewed assets

This section is oriented to infrastructure assets and may not apply to a project relating to natural assets. To respond, type or choose 'Not applicable' as needed. Space is provided below for commentary related to natural assets and eco-system services.

FOR WHAT YEAR IS THE ASSET IN THE CAPITAL PLAN? 2021	DOES THE ASSET HAVE AN ASSET MANAGEMENT PLAN? Not yet; an AMP is being developed	WHAT IS THE ASSET'S REMAINING SERVICE LIFE? 2-3 years
WHAT IS THE ASSET'S CONDITION RATING? Poor-Beyond service life major deficiencies		WHAT IS RISK OF ASSET FAILURE? Moderate
USE THIS SPACE, IF REQUIRED, TO ELABORATE ON ASSET MANAGEMENT CONSIDERATIONS YOU THINK NEED TO BE HIGHLIGHTED (E.G.: COMMENTS RELATING TO NATURAL ASSETS) The dehumidifier at Panorama Recreation is quickly approaching end of life. This unit will need to be replaced or face major repair costs in the next 2-3 years. Capital project is approved in budget subject to securing at least 700k in grant funding.		

SECTION 4: THINK LIKE A FUNDER: What makes the project a great fit for the grant program?

DESCRIBE FEATURES OF THE PROPOSED PROJECT THAT MAKE IT A GREAT FIT TO ACHIEVE THE GRANT PROGRAM'S OBJECTIVES AND EVALUATION CRITERIA.

Energy recovery project that focuses on utilizing waste heat to it's maximum potential prior to consuming additional energy. Once completed, Panorama will see a reduction of over 350 tonnes of CO2e emissions annually. This represents over 80% of Panorama's emissions and over 15% of CRD CO2e emissions. This system harvests on site rejected heat from the arena refrigeration plant and redelivers it to other areas in the facility. The remaining energy needed for specific processes such as arena dehumidification, space heat and domestic hot water is produced from high efficiency heat pumps that are directly integrated into each system. This system and it's design concept can be applied to any arena that is currently using natural gas for dehumidification and domestic hot water. Many rinks have older versions of energy/heat recovery that still require natural gas consumption to make up the difference in each specific process. The application of the high temperature heat pump allows direct integration into DHW instead of parallel systems that require additional piping and infrastructure.

Completion of the the project will improve overall air quality (temperature and circulation) to both arenas as well as the indoor tennis facility, making those spaces more comfortable in the summer months allowing more community use and programming during those times while dramatically lowering our annual operating cost and CO2e production.

SECTION 5: ATTESTATION AND APPROVALS

In this section, the Project Lead attests to the accuracy of the information submitted in this form and forwards it for review and approval according to Departmental practices. The form makes room to customize approval processes to suit Divisional / Departmental needs. Completed forms are sent to the CRD Corporate Asset and Grant Management Analyst.

PROJECT LEAD ATTESTATION		
<input checked="" type="checkbox"/> I CERTIFY THAT THIS PROPOSAL PROVIDES A TRUTHFUL AND ACCURATE REPRESENTATION OF THE PROJECT;		
<input checked="" type="checkbox"/> I HAVE REVIEWED THE GRANT PROGRAM GUIDE CAREFULLY AND ATTEST THAT AN APPLICATION FOR THIS PROJECT CAN MEET ALL THE GRANT PROGRAM REQUIREMENTS;		
<input checked="" type="checkbox"/> I ATTEST THAT THE SERVICE CAN AMEND ITS WORKPLAN TO ALLOCATE THE RESOURCES NEEDED FOR OUTCOME ACHIEVEMENT WITHIN THE PROGRAM TIMELINE;		
<input checked="" type="checkbox"/> I HAVE IDENTIFIED, IN CONSULTATION WITH MY MANAGER, ALL IMPACTS /OBLIGATIONS ENABLING SENIOR MANAGEMENT'S INFORMED CONSIDERATION OF THIS PROPOSAL.		
NAME Matt Curtis	TITLE Manager of Facilities and Operations	DATE (MM/DD/YYYY) 09/09/2020
MANAGER AUTHORIZATION TO PROCEED WITH THE PROPOSED PROJECT		
NAME Matt Curtis	TITLE Manager of Facilities and Operations	DATE (MM/DD/YYYY) 07/27/2020
SENIOR MANAGER AUTHORIZATION TO PROCEED WITH THE PROPOSED PROJECT		
NAME Allison Sharp	TITLE Acting Senior Manager	DATE (MM/DD/YYYY) 07/27/2020
GENERAL MANAGER AUTHORIZATION TO PROCEED WITH THE PROPOSED PROJECT		
NAME Russ Smith	TITLE Acting General Manager P.E.S	DATE (MM/DD/YYYY) 07/30/2020
THANK YOU FOR YOUR TIME AND THOUGHTFUL ATTENTION TO THIS ASSESSMENT PROCESS.		
ONCE THE REQUIRED APPROVALS FOR THIS PROPOSAL ARE SECURED, THE PROJECT LEAD SENDS THE APPLICATION TO CRD Corporate Asset and Grant Management Analyst		