



US Army Corps
of Engineers®
Alaska District

SCOPE OF WORK

STRUCTURAL INTERIOR DESIGN AND FURNITURE, FIXTURE, AND EQUIPMENT DESIGN

for

**FTW428A
CRREL Permafrost Tunnel Operations Facility**

FT WAINWRIGHT, ALASKA

SOLICITATION NUMBER: W911KB21D0005

CONTRACTOR: [REDACTED]

01 May 2023

2. Objectives

Purpose: The purpose of this contract is for Comprehensive Interior Design (CID) services of the Cold Regions Research and Engineering Laboratory (CRREL) Permafrost Tunnel. This facility includes a multipurpose main room for visitor services, meetings and symposia, a laboratory with a walk-in freezer, an office, electrical and communications connection from the surface to the tunnel, a warm storage garage for mobile equipment, and associated break room, toilet, and shower facilities, mechanical, electrical and communications rooms. The visitor access, public visibility, and open areas for public tour briefings must be important “high-visibility” considerations for the A-E during the CID process. Other service buildings on the site are not included in this contract. 65% drawings and specifications will be provided as the starting point for the interior design work. The required CID services will include both Structural Interior Design (SID) and Furniture, Fixtures, and Equipment (FF&E). Reference Section 10 and attachments for standards and requirements.

The CID deliverable package will be provided as both a “.pdf” digital file as well as two physical copies in 3-ring binders with actual samples of selected materials and catalog cuts of all material’s identifying salient material properties such as colors, textures, finishes, fixtures, associated hardware, etc.

3. Detailed Description of Tasks

A. Task 1 - Comprehensive Interior Design: SID and FF&E Package

This project will provide a complete CID for an Arctic Permafrost Research Operations Facility (APROF) at the US Army Corps of Engineers (USACE) Engineering Research and Development Center, Cold Regions Research and Engineering Laboratory (ERDC-CRREL) Permafrost Tunnel Research Facility, located on a remote parcel of Fort Wainwright, located near Fox, Alaska. The new operations facility will include a laboratory with cold storage, garage and maintenance space, office and meeting space and visitor briefing area.

The total gross area of the finished building is 3,920 GSF.

- 1) The SID includes building-related design elements and components generally part of the building itself, such as walls, ceilings, floor coverings, primary window treatments (blinds, shades), signage and built-in casework. The interior designer must be involved with the programming and space planning to help achieve the user’s goals for space utilization and develop a furniture floor plan based on the project program. In addition, the interior designer must determine the desired interior finish materials based on the respective aesthetic, durability and maintenance qualities, and characteristics applicable to each space within the facility. The SID will be designed by a qualified interior designer in accordance with UFC 3-120-10 Interior Design. All interior finishes will require minimal if any maintenance. Floors will be long-wearing, such as stained and sealed concrete, heat-welded sheet vinyl with integral cove, and