

Public Works and Government Services Canada	Runway Rehabilitation, Eureka, NU Environment Canada (EC)	Addendum No. 2
Project No.: R.015446.001		January 19, 2015

The following changes to the tender documents are effective immediately and will form part of the contract documents:

1. Clarifications:

- .1 Canadian Coast Guard (CCG) does **NOT** have the capacity to provide commercial cargo services to Eureka, NU during the 2015 and 2016 sealift seasons. CCG does recognize the need for cargo/ construction material shipments to be delivered to the Eureka, NU and as such has agreed to provide ice breaker escort service to commercial vessels completing the voyage if scheduled according to the annual refuelling shipment for Environment Canada (EC). The commercial shipping requirements for materials shipped to Eureka are the sole responsibility of the successful contractor. EC, CCG and PWGSC will not assume any responsibility for shipping materials to the Eureka site. The coordination and scheduling of ice breaker escort by CCG is also the sole responsibility of the successful bidder.

2. Specifications – refer to: **Appendix 1, Plan of Construction Operations PCO (OPS PLAN) Construction Staging and Schedule**

- .2 Article 1, GENERAL, to be replaced with the following:

The project is scheduled to commence in 2015 (dates have yet to be finalized) tentative to contractor mobilization of equipment onto site August 2015, Crushing operations starting in 2016 and construction in 2016, 2017 and 2018. The project should be completed approximately by September 2018.

- .3 Article 1.6.2, to be replaced with the following:

Stage 2 - Rehabilitation of Runway 10-28 from station 5+900 to Station 6+570, including all electrical.

- .4 Article 1.6.3, to be replaced with the following:

Stage 3 - Rehabilitation of Runway 10-28 from station 5+572 to station 5+900, including all electrical.

3. Question and Answers

ITEM #	QUESTION	ANSWER
1	Section 01 35 33 – Health and Safety Requirements Work permit - Could you please indicate the permits related to the project to be obtained by the contractor? Please advise Eureka airport jurisdiction. For example local, provincial, territories or central government in order to obtain the permits. How will provide the quarry permit?	TBD by contractor and affected governing authorities.
2	Plan of Construction Operations – Removal and salvage of material All materials which are considered non-recyclable will be removed from the airport property and be disposed of in a dump site arranged for by the Contractor with the Town of Eureka. Please provide Town of Eureka contact information.	TBD - Based on Nunavut regulations. There is an existing refuse dump site within 5 km of runway area. Usage and conditions for the use of this site is subject to EC approval.
3	What process is used for a Supervisor to receive his/her AVOP and Radio Operators License at the Eureka Airport site?	http://www.ic.gc.ca/eic/site/015.nsf/eng/h_00006.html Here is the website for Industry Canada. Under publications is the RIC-21 study guide, and on the right hand side of the page is a link to the accredited examiners that can be searched by province.
4	Bid and Acceptance Form (BA) BA 06 Construction time sixty (60) months from the date of notification of acceptance of the offer. PLAN OF CONSTRUCTION OPERATIONS – Construction Staging and Schedule – The Project schedule to commence in 2014 (dates have yet to be finalized) tentative to contractor mobilization of equipment onto site August 2015, Crushing operations in 2015-2016 and construction in 2015, 2016 and 2017. The project should be completed approximately by September 2017. Could you please confirm the construction staging and schedule? We are assuming the schedule should be adjusted by one year Mobilization August 2015, crushing operations starting in 2015 and 2016. Should be construction occur in 2016, 2017 and 2018.	See Article 1.1, Addendum No. 2.

5	Are there any offices Storage Work shop (garage) to work on heavy equipment available?	There is an old garage that has office space that could be used; there is space in the new garage however its availability depends on whether or not EC is using it.
6	1. Appendix 1 – Combined Price Form – item #8 – Supply & install new fuel impermeable geomemberane (Liner) – Quantity 5,200 sq.m. I only measured a quantity of 520 sq.m. Please clarify the correct quantity.	The quantity 5200 sq. m. is correct, please see drawing C02, there are three areas requiring fuel impermeable material.
7	Appendix 1 – Plan of Construction Operations; Construction Staging and Schedule: Section 1, item 1.6.1 referenced doing all the electrical work in Stage 1. Can you please clarify if there is any electrical work to be done in stages 2 & 3?	See Article 1.2 & 1.3, Addendum No. 2.
8	Section 01 41 13 – Selective Site Demolition: references contaminated or dangerous materials. Please confirm if contaminated or hazardous materials removals are included in this contract, if so please provide a full site environmental report so the materials and quantities and how to dispose of them can be determined.	There is no known contaminated site within the work areas. If an area is found at the effected runway site during construction, it will be done according to the specifications at extra cost. If any work is required at contractors material borrow, crushing, or other sites, it will be at contractors cost, no extra will be paid for this work.
9	Is there any existing paving to be removed from site?	There is no HMAC or PCC removal required.
10	How far away is the nearest disposal site for any construction debris generated?	TBD - Based on Nunavut regulations. There is an existing refuse dump site within 5 km of runway area. Usage and conditions for the use of this site is subject to EC approval.
11	Are the Fuel Tanks near the main apron existing?	No - if site contains existing fuels tanks, EC will arrange for removal/relocation prior to commencement of construction in the affected area.
12	Please provide a cross section through the proposed drain swale at the north side of the airstrip. We will also require a length. Which item on the unit price tender form should we put the cost to for this work?	There is no cross section available. Length and cross sections will be determined at site as directed by DR. The excavation quantities are included in Common Excavation unit cost item #2.

13	<p><u>Document / Drawing</u> <i>This site does not have water and sewage services.</i> Could you please indicate dumping locations for water and sewage services? We are planning to bring water plant and sewage plant we need to know if a design dumping site is available on site.</p>	<p>There are two sewage lagoons on site. One is located at the EC complex and the second is located at the runway site as part of DND Fort Eureka. Dumping at either site will be arranged through EC or DND at their discretion.</p>
14	<p>Can you clarify the following in regards to 1.2 from addendum #1: With sewage being the responsibility of the successful bidder, is there a lagoon or alternate disposal method available?</p>	<p>There are two sewage lagoons on site. One is located at the EC complex and the second is located at the runway site as part of DND Fort Eureka. Dumping at either site will be arranged through EC or DND at their discretion.</p>
15	<p>Could you also provide contact information for the Canadian Coast Guard in order to coordinate shipping?</p>	<p>The contact person for fleet planning is: Jean Ouellet Spécialiste de la planification arctique Arctic planning specialist Garde cotière canadienne Canadian Coast Guard Region du Centre et de l'Arctique 105, rue McGill 105 McGill Street Montréal, QC H2Y 2E7 Tel.: 514-283-0527</p>
16	<p>To provide potable water at our camp, do you have in your possession any sample of water in the creek to be sure we have the good treatment procedure.</p>	<p>Recent water sample test results will be provided to the successful bidder upon request, once contract is awarded.</p>
17	<p><u>Temporary accommodations</u> We understand that the successful contractor is required to provide accommodations facilities for contractor's forces. We like to know if temporary accommodation during the setup of the camp will be provided by the EC complex. Assumes 5 people for three weeks duration.</p>	<p>TBD - Based on EC occupancy at time of mobilization, EC should have capacity for a max. of 5 individuals for a max duration of 3 weeks. Rates will be charged to the successful bidder at current public rates and be the responsibility of the successful bidder.</p>
18	<p><u>Fuel Storage</u> Addendum #2 mentioned all fuel, gasoline, passenger vehicles, heavy equipment and electricity requirements will be the sole responsibility of the successful bidder. It's our understanding that fuel supply is contractor responsibility. Could you please confirm if fuel storage is provided by PWGSC and storage capacity on site?</p>	<p>Fuel and the storage of all fuel supplies are the sole responsibility of the contractor. Approved storage containers must be used and a containment area is required. Any spills or leakage are the responsibility of the contractor for proper clean-up.</p>
19	<p>What is the specified model number or manufacturer for the lights required (runway, taxiway, apron edge, threshold/end)?</p>	<p>The ADB, Crouse-Hinds and Liberty Manufacturers have met the specifications on other similar airport projects. One of the above or others may be used provided they comply with the specifications requirements. All lights shall be of the same manufacturer.</p>

20	In regards to addendum 1 – 1.2, is there a first aid attendant for the first aid room or a nursing station to meet isolation requirements? Or will the contractor be required to provide necessary services?	All the staff in Eureka has First Aid and CPR along with the Automated External Defibrillation course. We have a First Aid room with oxygen tanks, stretchers, minor stitches and burns.
21	Will a paramedic or other medical presence need to be provided by the contractor?	Requirement TBD by successful bidder.
22	In the event of a medical emergency, what location would a charter flight need to be arranged to?	Medical Emergencies must be evacuated to Resolute or in the case of severe emergency to Iqaluit.
23	Is there some data on water quality from Station Creek (does it currently receive/require treatment)?	Recent water sample test results will be provided to the successful bidder upon request, once contract is awarded.

END OF ADDENDUM NO. 2