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| Public Works and Government Services Canada | Runway Rehabilitation, Eureka, NU Environment Canada (EC) | Addendum No. 1 |
| Project No.: R.015446.001 | | January 9, 2015 |

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

1. Clarifications:

- .1 Eureka is an Environment Canada High Arctic Weather Station situated on the north shore of Greely Inlet, on the northern portion of Ellesmere Island, at 79 degrees latitude. Eureka is approximately a 2hr charter flight from Resolute Bay, NU (the nearest community with scheduled commercial air flights from the south). Eureka consists of a DND base and an Environment Canada Operations Centre. There are no 'local residents' or commercial businesses in Eureka. There are no commercial air services (flights) to Eureka. All air travel is by chartered aircraft (mostly from Resolute Bay or Yellowknife). One (1) annual sea-lift takes bulk shipments and materials into Eureka. The Sea-lift is a combination of commercial shipping and Canada Coast Guard Services (departing Nanisivik) typically arriving in Eureka in September of each year, and goods are transported from a DFO Coast Guard icebreaker to shore by barge. The Successful Bidder is required to be familiar with the logistical constraints imposed by this very remote location and make all necessary arrangements through commercial shipping companies and Canada Coast Guard for all shipping requirement to site. Chartered air freight is a second option. All equipment, materials and personnel shipped to site are the sole responsibility of the successful bidder.
- .2 Accommodations for the Runway Recapitalization Project are solely the responsibility of the successful bidder and will not be provided by the EC Weather Station Complex. The EC complex does not have capacity to accommodate workers for this long term project, and as such, the successful contractor is required to provide accommodation facilities for their labour force, including but not limited to sleeping quarters, meal preparation facilities, bathroom facilities and common areas (as required). The EC Complex does have a first aid room, but not formal medical services. All medical emergencies require a charter flight out of Eureka. Fresh water supply is collected from the Station Creek just west of the complex. Potable water services will not be provided for this contract. The successful bidder is required to provide all equipment needed for potable water supplies for their labour forces. A location just south of the runway near Fort Eureka will be assigned as the contractor's camp site. This site does not have water and sewage services – this will be the responsibility of the successful bidder.
- .3 All fuel, gasoline, passenger vehicles, heavy equipment (and operators) and electricity requirements will be the sole responsibility of the successful bidder. These items/services will not be provided by EC or PWGSC.

2. Question and Answers

| ITEM # | QUESTION | ANSWER |
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| 1 | Is there a location map of the pit location? | See Geotechnical Report – Amendment 001 |
| 2 | Are there any borehole logs or information on the pit materials that Are to be processed? | See Geotechnical Report – Amendment 001 |
| 3 | Are there any existing camps to house our employees? | See Clarifications - Addendum No.1 |
| 4 | Is there a designated location to set up a camp? | See Clarifications - Addendum No.1 |
| 5 | Please clarify if water is available or do we require to set up our own water purification plant? | See Clarifications – Addendum No. 1 |
| 6 | Can we tie into existing sewer and waste water systems? | See Clarifications – Addendum No. 1 |
| 7 | Are there any medical facilities available? | See Clarifications – Addendum No. 1 |
| 8 | Drawing C1 – OPS PLAN Plan shows the black top creek borrow area location approximate 4 Km from site. Do you have a geotechnical investigation of the borrow area? Is it an existing road between eureka airport and the borrow location? | See Geotechnical Report – Amendment 001 |
| 9 | Section 01 51 00 – Temporary Utilities Water Supply – Arrange for water supply from station creek or from environment Canada water storage tanks. Could you please advise the cost of the water supply from station creek or environment Canada? Will the water supply available for construction? | See Clarifications – Addendum No. 1 |
| 10 | Accommodations Please advise if accommodations are available at environment Canada location? Please provide name and contact information of the contact person at environment Canada. | See Clarifications – Addendum No. 1 |
| 11 | Is there and expected construction period for each year of construction? | The construction season in Eureka is very short (July, August & September) and it is expected the successful bidder will maximize the operational hours based on 24 hr daylight. |
| 12 | Is diesel and gas provide with the necessary storage for the project at no cost to the contractor? | See Clarifications – Addendum No. 1 |
| 13 | Are the accommodations and meals available for the project personnel at no cost to the contractor? | See Clarifications – Addendum No. 1 |

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| 14 | <p>Pay Item 4-6 Supply and stockpile 19mm and 50mm size granular base material.</p> <p>Could you please indicate the location of the stockpile for the 19mm and 50mm size granular?</p> | See Geotechnical Report – Amendment 001 |
| 15 | <p>Please advise if any equipment is available on site to be used by the contractor? Cranes, fuel trucks, heavy equipment, etc.</p> | EC does not rent out equipment. EC will provide very limited equipment and operator services for Front end loader, grader and crane with operator supplied at rates between \$140.00 - \$180.00 per hour. |
| 16 | <p>Is there any lodging option available on the site for our utilisations. If not, is the electric and services are supplied by the existents buildings? These points are in contradictions in the documents.</p> | See Clarifications – Addendum No. 1 |
| 17 | <p>Is it possible to use the farm tank in place for our fuel storage on the site?</p> | No - See Clarifications – Addendum No. 1 |
| 18 | <p>The main point of the contract is the crushing step, at any place in the documents we can find a completed specification of the materiel in place.</p> <p>Is it possible to have the soil test result? We need to know the exact characteristics of the 3 identified zone.</p> | See Geotechnical Report – Amendment 001 |
| 19 | <p>I learn that the coast guard are supplying the materiel up there for the station operation, is using their services for light freight transport is an option and available?</p> | See Clarifications – Addendum No. 1 |
| 20 | <p>As attachment, you will find the specification regarding the fuel impermeable material , can you confirm that this product is accepted.</p> | Literature for ER-5 (8130, 8138) does not provide all of the specified properties. The product must meet all of the specified properties: a. Breaking strength 2890N as specified, and Bursting Strength 4226N, as specified b. Permeability not provided. c. Dead load seam shear strength. d. Confirm fuel resistant. |
| 21 | <p>Could you please provide the maximum weight of lifted loads at site for the seacans?</p> | Sea container weight restrictions should be confirmed with the commercial shipping companies and Canada Coast Guard. |
| 22 | <p>Is there an existing quarry already in place? Or does the contractor have to develop one?</p> | No - See Geotechnical Report – Amendment 001 |
| 23 | <p>Please confirm if commercial flights to the site are available or the only flights should be charters.</p> | No - See Clarifications – Addendum No. 1 |

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| 24 | Mobilization Mobilization and demobilization should be required the use of the coast guard icebreaker. Could you please confirm if the public works take care responsibility of the mobilization by the icebreaker and indicated the port to load and unload equipment and material? | No - See Clarifications – Addendum No. 1 |
| 25 | Solicitation closes- January/23/2015 In order to revised and analyzed the answer obtained from Public Works, we would like to request two weeks extension of the closing date. | No extension will be granted at this time. |
| 26 | Will contractor have to supply his own accommodations? | Yes - See Clarifications – Addendum No. 1 |
| 27 | What areas, and type of material will be available for aggregate Rock quarry, Esker, Exc. ? | See Geotechnical Report – Amendment 001 |
| 28 | Will Diesel fuel storage be available or will contract have to supply Containment tanks? | No - See Clarifications – Addendum No. 1 |
| 29 | What Sea shipping company will we have to contract with for delivery of our heavy equipment on the project? | Commercial shipping companies offering shipping services to Nanisivik, NU. |
| 30 | Can we work outside of normal working hours? We would like to work 2-12 hour shifts, 7 days/week. We can arrange overtime permit if necessary. | Yes - The construction season is very short in Eureka and has 24 hr daylight during summer months. |
| 31 | What are the approximate dates for the construction season in Eureka? | Varies year by year - Late June to early October depending on type of construction. |
| 32 | Please confirm that diesel fuel is available at no cost to us? | No - See Clarifications – Addendum No. 1 |
| 33 | How far is the proposed borrow area from the runway? | See Geotechnical Report – Amendment 001 |
| 34 | Is there enough gravel available in the proposed borrow area or will blasting be required? | See Geotechnical Report – Amendment 001 |
| 35 | Please confirm that on-site accommodations & meals will be provided at no cost. How far is the camp from the work area? Will the owner provide transportation from the camp to the site? How many workers can we bring on-site and can your camp accommodate? | No - See Clarifications – Addendum No. 1 |
| 36 | In the past materials and equipment were shipped via sealift from Montreal to Nanisinecviq, from this point to Eureka, everything was shipped by the coast guard icebreaker. Is the contractor to be responsible for this expense or is it covered by the owner? | Responsibility of the contractor - See Clarifications – Addendum No. 1 |

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| 37 | Please confirm that there will be no rock excavation as part of this work. | Rock excavation is required for all aggregate production. See Geotechnical Report – Amendment 001. |
| 38 | Is there a soils report available? | See Geotechnical Report – Amendment 001 |
| 39 | Can you please provide us with a list of plan takers for this project? | Not possible with current Buy and Sell System. |
| 40 | Please confirm that PWGSC are covering the costs of all soils testing including compaction testing and sieve analysis. | Refer to Specification Section 01 45 00 Article 3.1 and 3.2. Contractor is responsible for all of Quality control testing as per minimum test number under article 3.2 at their own cost. They need to engage an approved testing laboratory at their cost. PWGSC Department Representative will engage independent testing agency for random QA testing only as per article 3.1 and cover those costs only. |
| 41 | How did you come up with the common excavation quantity of 16,200 cubic meter? Is it accurate? | See Geotechnical Report – Amendment 001 |
| 42 | Please confirm that the only liquidated damages are for failure to meet Inuit content. Are there any liquidated damages for failure to meet the schedule due to weather of equipment breakdowns? | Confirm: The Liquidated Damages identified in Supplementary Condition SC03 of the solicitation are for failure to meet Inuit representations that were submitted with the contractor's bid. |
| 43 | Please confirm if travel to the site is to be included in contractor's cost or will it be covered by the owner? If the owner is responsible for travel will the costs of overnight stays at layover communities also be covered by the owner? | Responsibility of the contractor - See Clarifications – Addendum No. 1 |
| 44 | What are the proposed granular sources and is geotechnical data available for any potential sources? | See Geotechnical Report – Amendment 001 |
| 45 | Is the contractor responsible for all costs associated with transportation of personnel, equipment, and plant? | Yes - See Clarifications – Addendum No. 1 |
| 46 | Who is responsible for meals and accommodations? | Responsibility of the contractor - See Clarifications – Addendum No. 1 |
| 47 | Can more information on access and transportation rates be provided? | Responsibility of the contractor- See Clarifications – Addendum No. 1 |

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| 48 | Quarry Development Are drilling and blasting required to development the quarry to produce aggregate materials? Does mechanical push and ripped by dozer acceptable to produce the quarried rock? | See Geotechnical Report – Amendment 001. It is contractors responsibility to determine what methodology they want to use to produce the aggregates. |
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END OF ADDENDUM NO. 1