

Question	Answer
<p>1. Reference: Dredge limits versus pay quantity</p> <p>Based on information provided in the tender documents, the soil N-values and bore hole data, possibly indicate the soil integrity is loose and unstable. From a construction scope of work, this would suggest over excavation and resulting in a substantial amount of over dredge. The suggested slope of placement ratio 1:1 is of opinion to be unachievable. For this reason, the present contract information is limited. The geo-technical information does not provide sufficient information of the level of work required, to calculate the actual required excavation. There is a high probability of over excavation. The information provided in the tender documents do not give the full required geotechnical data to calculate the magnitude of cost to perform this work.</p> <p>Therefore, may the following be requested:</p>	<p><u>Answer:</u></p> <p>The rock mattress side slopes (1.5H:1V) and dredging slopes from toe of mattress (1H:1V) are the pay limits for this project. Over-dredging costs to maintain a more stable side slope, at the Contractor's discretion/methodology, should be carried in the lump sum arrangement or included incidental to the unit price cost for "dredging prior to rock mattress placement".</p> <p>Additional geotechnical work by the Owner, prior to tender close, will not be completed for this project.</p> <p>Payment for "dredging prior to rock mattress placement" will be based on actual survey as noted in Section 31 36 19 to within the side slope limits of 1H:1V as noted on the drawing. A cost allowance will not be provided for over-dredging outside the 1H:1V pay limits (see note above).</p>

<p>1. Can more Geotech be performed and provided to establish the level of uncertainty and unknowns to accurately calculate the scope of work and true cost?</p> <p>2. If the full extent of excavation for unknown soils conditions are uncertain, may the following suggested options be provided. This would fairly deal with the cost for such unknowns if encountered.</p> <p>i) Can unit cost be provided based on actual survey quantity versus theoretical, to pay for dredging quantity?</p> <p>ii) Or could a cost allowance be included in the tender and calculated to accommodate the real cost of unknown conditions, if encountered and accessed and paid for as extra work?</p> <p>3. In normal excavation procedures when digging in unstable soils, it is usually industry practice to have a rock mattress placed immediately, as excavation operations are performed to maintain ground stability. Please clarify if this work practice can be applied to this project?</p>	<p>Rock mattress can be placed immediately as the excavation operations are performed, in order to assist with ground stability. In all cases, the Contractor will be required to sound the excavated/dredged bottom prior to rock mattress placement and provide the results to the Departmental Representative for review/approval.</p>
<p>2. In reference to the above referenced project,</p> <p>We would like to request the Bore hole information for BH-1, BH-2, BH-3 and any other boreholes pertaining to this project.</p>	<p>Answer: The borehole information was previously provided.</p>
<p>3. It is becoming apparent that the nature</p>	<p>Answer: Work is to be completed within the</p>

Solicitation No. – N° de l'invitation
EA011-222206/A
Client ref. No. - N° de ref. du client
R.116548.001

Amd. No. - N° de la modif.
003
File No. N° du dossier
PWD-1-44178

Buyer ID – Id de l'acheteur
pwd014
CCC No./N° CCC – FMS No/N° VME

<p>of the Scope of Work may differ significantly from the possible conditions suggested. From a construction review perspective, this work has unique characteristics in terms of the sequence of construction activities and the associated time requirements. The nature of the work will require strategic scheduling from one activity to another. If the suggested Scope of Work must be performed in this manner as per the tender, the time requirements will increase accordingly. The net result will be a long construction schedule. May we request this be considered with the aim of additional time be allowed to complete the work as requested?</p>	<p>time indicated on the Bid and Acceptance Form using a continuous reasonable work force. Weather conditions, short construction season, delivery challenges and the nature and location of the work site may require the use of longer working days and additional plant labour and materials to complete the project within the specified completion time. Refer to contract General Conditions for information related to extensions of time.</p>
<p>4. With reference to the anchor holes; it has become apparent that the core drilling equipment required for holes of the size specified is difficult to source thanks to current high demand in the mining/prospecting industry in Newfoundland. We have discussed this issue and our contractor advises (see attached) that there is an alternative method for drilling holes that uses a percussion hammer. successfully used this type of equipment for this application numerous times in the past, and advises that for holes of this size there would be minimal to no vibration.</p> <p>May we request that the percussion hammer be reviewed as an acceptable alternative.</p>	<p>Answer: While the use of a diamond drill rig is preferred, the Contractor will be permitted to use a down-hole percussion hammer provided their work plan is reviewed (and stamped) by a Professional geotechnical engineer licensed by PEG-NL to practice in the Province of NL. As a minimum, the Contractor's geotechnical engineer will be required to produce a construction methodology report noting that the use of a down-hole percussion hammer will not over-produce and result in a lot of caving. The report will also have to assess the potential for putting alot of vibration energy into the bedrock in the area of the building infrastructure which could promote settlement in the soft layers both under the building and under the cribs. Costs associated with the geotechnical report are the Contractor's responsibility.</p>

By submission of its bid, the Bidder confirms that it has read and understands the requirements expressed in all addenda and has included all costs of these requirements in its Total Bid Amount.

All other Terms and Conditions remain unchanged.

Construction & Refurbishment of Bay Class
 SAR Lifeboat Marine Infrastructures
 Burin, NL
 R.116548.001

2022-04-20

<u>Section</u>	<u>Title</u>	<u>Pages</u>
01 10 10	GENERAL INSTRUCTIONS	14
01 16 10	MATERIAL SUPPLIED BY DEPARTMENTAL REPRESENTATIVE	3
01 29 83	PAYMENT PROCEDURES FOR TESTING LABORATORY SERVICES	2
01 33 00	SUBMITTAL PROCEDURES	6
01 35 24	SPECIAL PROCEDURES ON FIRE SAFETY REQUIREMENTS	5
01 35 25	SPECIAL PROCEDURES ON LOCKOUT REQUIREMENTS	7
01 35 29	HEALTH AND SAFETY REQUIREMENTS	15
01 35 43	ENVIRONMENTAL PROCEDURES	5
01 45 00	QUALITY CONTROL	4
01 51 00	TEMPORARY UTILITIES	3
01 56 00	TEMPORARY BARRIERS AND ENCLOSURES	2
01 61 00	COMMON PRODUCT REQUIREMENTS	5
01 74 00	CLEANING	2
01 74 19	WASTE MANAGEMENT AND DISPOSAL	6
01 78 00	CLOSEOUT SUBMITTALS	3
02 41 16	STRUCTURE DEMOLITION	3
03 10 00	CONCRETE FORMING AND ACCESSORIES	5
03 20 00	CONCRETE REINFORCING	5
03 30 00	CAST-IN-PLACE CONCRETE	14
03 37 26	UNDERWATER PLACED CONCRETE	4
05 50 00	METAL FABRICATIONS	6
05 51 00	ALUMINUM GANGWAY	9
06 05 73	WOOD TREATMENT	4
07 92 10	JOINT SEALANTS	7
26 05 00	COMMON WORK RESULTS FOR ELECTRICAL	13
26 05 05	SELECTIVE DEMOLITION FOR ELECTRICAL	7
26 05 11	ELECTRICAL SCOPE OF WORK	2
26 05 20	WIRE AND BOX CONNECTORS 0-1000V	1
26 05 21	WIRES AND CABLES 0-1000V	2
26 05 29	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	2
26 05 31	SPLITTERS, JUNCTION, PULL BOXES AND CABINETS	2
26 05 32	OUTLET BOXES, CONDUIT BOXES AND FITTINGS	2
26 05 34	CONDUIT, CONDUIT FASTENINGS AND CONDUIT FITTINGS	3
26 05 43.01	INSTALLATION OF CABLES IN TRENCHES AND IN DUCTS	3
26 08 00	COMMISSIONING OF ELECTRICAL	5
26 27 26	WIRING DEVICES	3
26 28 13.01	FUSES - LOW VOLTAGE	2
26 28.16.02	MOULDED CASE CIRCUIT BREAKERS	2
26 28 20	GROUND FAULT CIRCUIT INTERRUPTERS CLASS "A"	2

Construction & Refurbishment of Bay Class
 SAR Lifeboat Marine Infrastructures
 Burin, NL
 R.116548.001

2022-04-20

<u>Section</u>	<u>Title</u>	<u>Pages</u>
26 28 23	DISCONNECT SWITCHES FUSED AND NON-FUSED	2
26 50 00	LIGHTING	1
26 52 60	SITE LIGHTING POLES AND HARDWARE	2
31 09 16.01	PILE DRIVING TEMPLATES	2
31 36 19	ROCK MATTRESS	6
31 53 13	TIMBER CRIBWORK	11
31 53 16	STRUCTURAL TIMBER	9
31 61 13	PILE FOUNDATION, GENERAL REQUIREMENTS	5
31 62 16.13	SHEET STEEL PILES	4
31 63 19	BORED AND SOCKETED PILES	3
31 63 19.13	ROCK SOCKETS FOR PILES	4
32 62 16.19	TUBULAR STEEL PILES	3
33 65 76	DIRECT BURIED UNDERGROUND CABLE DUCTS	3
35 20 24	DREDGING	7
35 31 24	FILTER AND ARMOUR STONE	8
35 59 29	MOORING DEVICES	3

Additional Documents:

PERMIT TO ALTER A BODY OF WATER	1
• Appendix A: Terms & Conditions for Permit	3
• Appendix B: Special Terms & Conditions for Permit	2
• Appendix C: Completion Report	1
• Appendix D: Location Map for Permit	1
Appendix E: Lighting Analysis	1
Appendix F: Borehole Logs	5
Appendix G: Soil Sediment Testing Results	118