

December 8, 2009
Subject: Gulf of Maine Research Institute Pier Replacement
Amendment No. 4

Dear Bidders:

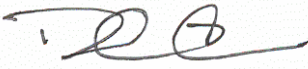
Please note that due to the approaching bid date, this will be the last amendment.

The following questions have been received:

1	<p>QUESTION: Is the application of a curing compound (such as Konkure) to precast concrete acceptable in lieu of moist curing for 7 days?</p> <p>RESPONSE: Curing compounds will not be accepted in lieu of moist curing.</p>
2	<p>QUESTION: The parking lot and driveways have old and dried out pavement in many areas. The new abutment also disturbs a significant amount of hot top. Using the cleared areas and existing parking lots for storage of heavy materials, plus the heavy trucks, cranes etc are going to damage a considerable amount of pavement. Is pavement excluded in our lump sum bid; should you have a unit price item included or is pavement going to be done by the owner after construction is complete? The condition of the existing pavement (fair to poor) is a cost concern.</p> <p>RESPONSE: The contractor shall take reasonable precautions to prevent damage to the existing pavement on the site. Contractor shall be responsible for repairing pavement damaged during construction.</p>
3	<p>QUESTION: Question # 4 in Amendment # 2 asked about galvanized/epoxy coated post-stressing hardware. Your answer stated galvanized is ok. What post-stressing hardware are you referring to? The drawings do not show any post tensioning strand or ducts.</p> <p>RESPONSE: The response was directed at the lifting component portion of the question. The deck planks are not post-tensioned.</p>
4	<p>QUESTION: Detail 2/E3 states that the mechanical contractor will design his supports to carry the electrical and telco conduits as well. Will his supports be placed such that they conform to NEC or will additional supports be required?</p> <p>RESPONSE: Any additional supports required to conform to NEC requirements shall be provided by the contractor</p>
5	<p>QUESTION: The specs call from PVC coated GRC conduit. Does that also apply to the conduits located in the trench or will PVC Sch 40 or 80 be acceptable?</p> <p>RESPONSE: Schedule 80 is acceptable provided that it is protected with a concrete slush covering.</p>
6	<p>QUESTION: The telephone wiring detail, on Dwg E2, calls for 4-STP #16 cable for each of the pier telephone locations and 16-STP #16 for the feeder cable. My wire supplier would like any additional info you may have. Maybe a Belden # if possible.</p> <p>RESPONSE: Telephone cable shall changed to be CAT5E – 24 AWG, TP with PVC jacket.</p>

7	QUESTION: Plans specify a 4 pole disconnect and they don't make one but we could use a 3 pole if they will accept it. RESPONSE: A 400 A 3-pole switch is acceptable in a 316SS enclosure
8	QUESTION: In the I-line – Square D does not make any 1p 20amp GFI breakers that will fit in this panel. We are offering to put in a 100amp breaker – to feed out the NF style panelboard, that will have the (4) 1p 20amp GFI breakers in it. Please verify that this is acceptable RESPONSE: This approach is acceptable.
9	QUESTION: Hoffman does not offer, nor does Milbank a CT cabinet in 316ss RESPONSE: The new CT cabinet is not expected to be a shelf item, but rather a custom fabricated enclosure in 316ss.

Sincerely,



Dan O'Connor, PE
Project Manager
Appledore Marine Engineering