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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

November 20, 2009
Subject: **Trenton, Acadia Welcome
Center**
Federal Project No: 16123.50
State Pin No: 016123.50
Amendments **No. 8**

DAVID A. COLE
COMMISSIONER

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 5 thru 12), **REMOVE** the "SCHEDULE OF ITEMS", 10 pages dated 091023 (last replaced in Amendment #4) and **REPLACE** with the attached new "SCHEDULE OF ITEMS", 10 pages dated 091120.

IN THE SPECIFICATIONS:

- A. **ADD** the following specification section attached to this amendment
 - a. SECTION 024650 - BICYCLE RACK

- B. Section 119000, Part 4, Paragraph D.
 - a. **DELETE** the paragraph in its entirety. **ADD** in its place the following:
 "D. All suppliers, seeking approved equal status, shall submit the following information, with a substitution request form, prior to the bid date:
 1. A complete list of spinner and touchless heavy duty vehicle wash system installations made by the bidder. This list shall include all such touchless vehicle wash installations made the bidder in the last five (5) years including the duration of the service and application. Should the reference list have more than 25 names, a list of last 25 installations shall suffice.
 2. Provide name of contact person at each location who is familiar with the operation and maintenance of the wash system.
 3. Based on the information supplied and discussions with contact persons named, the engineer will determine the acceptability of the proposed supplier and the equipment."

C. Section 312316.26 Rock Removal, Paragraph 1.4.

- a. **DELETE** the paragraph in its entirety. **ADD** in its place the following:

"A. Rock excavation shall be paid for as part of the lump sum bid for the Bus Maintenance Facility site."



PREVIOUSLY NOTED ITEMS:

RFI #54

Question #11: Drawing A4.08 Details (19) typical interior finish on exterior walls, shows cast in place, also Detail (20) A4.08 interior finish at bus wash exterior walls shows cast in place. Are walls at column line A6 and A2 exterior all cast in place or steel studs or split as RFI #10 asks?

Response: See SB 100 for top of foundation elevations

Question #12: Is Administration Building exterior walls the only walls that have steel studs behind the CMU split face veneer except at Stair #2?

Response: Yes

RFI #61

Question #2: Spec section 033000, Paragraph 2.7 C calls for color pigment as selected by Architect. The various colors differ quite a bit in cost. Could a color badge be provided? More importantly, what rooms are to have colored concrete floors or what areas receive color

Response: See revised section 033000 Cast in place concrete in amendment #4

RFI #62

Question #2: The polished concrete system for slabs listed on Dwg A8.01 appears to be a system for concrete countertops. Is this being deleted as discussed at the pre-bid meeting

Response: See RFI 20 Question 1 & 2 responses in amendment #4.

RFI 121

Question: RFI #58 – Response Request. Morin Corp wall panel info product cut sheets & finishes for substitution request.

Response: Morin wall panel system is acceptable if the panel system meets all specification requirements and meets design intent as shown on the Drawings. Vertical 16” wide panel by Centria are flat panels, but Morin 16” wide Concealed Fastener F-series panels appear to have intermediate V-grooves at 4” o.c. The design intent is for the panels to be flat without grooves. Panel colors must also be acceptable to Architect; if Morin panels are selected please submit

available color palette from manufacturer's literature (only black and white copy was submitted with the RFI)

RFI 122

Question: Amendment #2 called for Ultima 1911 HRC 24"x24"x3/4". (refer to page 6 of 24) If we take the Armstrong book, Ultima 1911 HCR is a 24"x48" tile and Ultima 1912 HRC is a 24"x 24" tile. Please provide which we are to supply

Response: Please supply Armstrong Ultima tegular tile #1912HRC, 2' x 2' x 3/4" for use with a 9/16" grid.

RFI 123

Questions 1 through 5 are a resubmission of RFI #95; all questions were answered in amendment #7

RFI #134-Re-issued

Question 2: If the response to RFI #84 is correct, this brings up the question as to whether the Bid Items #0200 & 0210 Granite Curbing are to be used for building site area curbing.

Response: ~~Bid Item #200 & 210 Granite Curbing are also to be used for building site area curbing.~~

Revised Response: Granite curbing is to be carried under Division 32

RFI #140

Question: How will trench ledge and open (mass) ledge be paid for when encountered on the building site?

Response: Specification Section 312316.26 Rock Removal paragraph 1.4 shall be eliminated. Rock excavation shall be paid for as part of the lump sum bid for the Bus Maintenance Facility site.

RFI #141

Question: How will unsuitable subgrade material that needs to be replaced be paid for 312316, 3.3C.

Response: Replacement of unsuitable material shall be paid for as part of the lump sum bid for the Bus Maintenance Facility site.

RFI #143

Question: Line No. 0110,509.20 aluminum alloy structural plate arch, plans call for headwall but there is no detail or information on Plan C-2 requiring headwalls. Are the headwalls included in the work for item 509.20 and what are they made of?

Response: Yes. The headwalls are included in the work for item 509.20. Headwall materials will be dependent on the type and manufacturer of the proposed pipe plate arch, with plans and specifications submitted for Department review and approval.

RFI #144

Question: Div. 31 Earthworks, Section 312316.26 Rock Removal, Paragraph 1.4A says payment will be in Div/Unit prices. Could you clarify? I could not find anything in Div. 1 or Amendments to date, and will those be a quantity to base bid on? There is very little Geo-tech information at the employee parking/retaining wall area to go on, and cuts to subgrade elevations and for storm drain lines could be substantial.

Response: See RFI #140 in this amendment

RFI #145

Question: Section 312316.26 in the volume II specifications states site rock removal will be handled on a unit price yet there is no unit price Item for rock on the building site. There is no indication that rock is incidental to the site either. This is an item of Major importance. We feel that there is not enough geotechnical information to fairly quantify rock. Unit prices should apply for the building site.

Response: See response to RFI #140 in this amendment

RFI #146

Question: Request for Substitution for PSiSC toilet partitions.

Response: After careful review of what was submitted, we will not accept the proposed product.

RFI #147

Question #1: Section 03 3000: What product is to be used for the concrete floor hardener?

Response: See Amendment 4, finish schedule and spec were clarified also see RFI #148 below.

Question #2: Bike Rack : see no specifications.

Response: Please see Bike Rack specifications included within this amendment.

Question #3: 033000-3.170: Verify that floor and slab flatness and levelness will be measured. This is very expensive testing and usually seen only on highly critical floor areas that require flatness. It would appear this type of project does not have that degree of need.

Response: Please provide testing for the interior floors that will be polished

RFI #148

Question #1: In Amendment No. 4, and RFI #51, the Dry Shake Hardener was eliminated and an Integrally Colored Concrete was added to Section 033000 Cast-In-Place Concrete. In the Room Finish Schedule shown on Sheet No. A8.01, rooms 129 (Building Maintenance Supply Storage), and 140 (Bus Storage) it calls for a Concrete Floor Hardener.

- a. Is the Bus Storage area an integrally colored concrete with a hardener?
- b. Is the Bus Storage area (non-integrally colored) concrete with a hardener?
- c. What are the specifications for the hardener?

Response: The rooms calling out for Concrete Floor Hardener, (CFH), do not require the Chomix Admixture, for colored concrete. Use Scofield Formula One Lithium Densifier with Curseal VOC topcoat, or equal.

Colored Conditioned Concrete, (CCC), uses Chromix with Formula One Densifier but is not ground and polished. Polished Concrete, (PC-01), Uses Chromix in a grey color and Formula One Lithium Densifier and Finish Coat System and is GROUND and POLISHED. Please refer to Sheet A8.01 for locations of each type of concrete

RFI #149

Question #1: Are all the Landscape Plantings proposed for this project listed under items 621.01 thru 621.711? Please be clear.

Response: Yes.

RFI #150

Question #1: RFI#84 as part of addendum #6 appears to indicate that bituminous pavement within the building site will be paid by the unit price per MDOT items 403.207, 403.210, 403.213. Based on RFI #57 of addendum \$4 it appears that all bituminous pavement within the building site is incidental to Division 31. Please clarify.

Response: Please disregard response in Amendment 4. Revised response: All pavement will be carried under MDOT items 403.207, 403.210, 403.213, 409.15. The quantities on the estimated quantity sheet are updated in this amendment. All paving will be subject to highway labor rates.

RFI #151

Question #1: If the paving items #0070, 0080, & 0090 are to be used for paving the bus facility and employee parking as reiterated in FRI #134 and depts. For paving the access road are 6" for mainline and parking and 3" for shoulders as shown on Plan C-1, depicted in x-sections and specified in the specials PO 77. It seems as the quantity carried in the items will be short the amount it takes to pave the bus facility and employee parking. Same goes for granite curb, quantity shown on c-18 and c-19 will take up all approximate quantity carried in schedule of items. Why would they take two items out of the building side (Allied's) and put them in the DOT side of the match line? Pay rates are different and it makes it confusing with both the paving and curb items being in Division 32 also.

Response: See response to RFI 134, Question 2 and RFI 150, Question 1 in this amendment.

RFI #152

Question #1: Regarding Section 083600 Overhead Sectional Doors. You are asking for exterior Nema-4 controls for the 10 sectional doors. You are not being specific on the controls. Are they to be open/close/stop? Are they to have a key lockout for security? They can all be keyed alike as well.

Response: Please refer to page 4 of the Sectional door Specification.

2.04E states - Slide Bolt: Fabricate with side-locking bolts to engage through slots in tracks for locking by padlock, located on single-jamb side, operable from inside only.

2.04F states - Provide safety interlock switch to disengage power supply when door is locked.

2.05F states - Remote-Control Station: Momentary-contact, three-button control station with push-button controls labeled "Open," "Close," and "Stop."

RFI #153

Question #1: On the revised bid form (Addendum #2) in Line 0720 Div. 11 equipment allowance is included in the base bid. This response indicates that this allowance is not in the base bid.

Response: Amendment one added MAHA MCL Mobile Lifting System Specifications (Option #5), thus the allowance will not include the cost of option #5. On the bid form item 0930 will be the cost difference between the Lift Specified as 2.01 Mobile 4 post lift system and option 5.

RFI #154

Question #1: In the amendment for pavers, it was specified to be a Genest Holland Stone Paver or approved equal. I need to know what thickness is required for this project. The 2 3/8" thick paver is the most common thickness paver.

Response: The paver thickness is 2 3/8"

Question #2: Is Gagne and Son's Holland Stone Paver an approved equal?

Response: Yes

RFI #155

Question #1: In Amendment #7, RFI #134, question #1 indicates that the HMA Pavement around the building (beyond the match line) is included in items 403.207, 403.210 and 403.213. According to the quantity takeoff performed by our estimators, the plans indicate that the tonnage for the HMA Pavement around the building is not included or the bid quantities are grossly understated. Will the quantities of the pavement bid items be adjusted to include the building site pavement quantities?

Response: See response to RFI 150 Question1 in this amendment

Question #2: Now that you have indicated in Amendment #7, RFI #134 Question #1 that the pavement bid items include both roadway and site paving, do the highway paving wage rates apply to the building site paving?

Response: Highway paving rates apply to the building site paving.

Question #3: We are assuming that if rock excavation and structural rock excavation are encountered on the building site, the rock will be paid per unit prices as per the bid schedule?

Response: See response to RFI #140 in this amendment

RFI #156

Question #1: RFI #129 mentions a "substitution request form". Where can I find one of these?

Response: All bid forms, specifications, bidders list and amendments are available at: <http://www.maine.gov/mdot/comprehensive-list-projects/project-information.php?tloc=1&loc=186>

RFI #157

Question #1: On October 21, 2009 in our RFI#MM-1 I asked whether you wanted to use the specified Moisture Control System by MTI or use what was shown in the Wall Sections. In Addendum #3 your response was to use the MTI System. Upon reviewing this system, I found that the Cavity Weep System (CV5010) can be used, but the Mortar Belt System can only be used where there is CMU back up. Do you want us to carry the Cavity Weep System (CV5010) and use Mortar Net for the Cavity Drainage System? If not, please provide alternative.

Response: Please use the cavity weep system CV5010 with a mortar net as you suggested

RFI #158

Question #1: The work required for rock removal at the building site is best suited to lump sum pricing. The Geotechnical information and a site walk provides adequate insight to the rock contours throughout the building site. Proposed utility locations on the building site lend themselves to box cutting rock areas within utility corridors. This type of work is not suited well for the MDOT structural rock specifications.

Response: See response to RFI #140 in this amendment.

RFI #159

Question #1: C-101- Reference to see structural for steps shown to rear parking lot - cannot see reference to these steps on structural.

Response: Response to RFI 20 Question 5 was: Provide Precast stairs and rails to meet all current ADA requirements. Shop submittal shall depict all risers/tread, rail installations. Conform to current ADA, IBC 2003 requirements and Life Safety Code requirements. Elevations shall be adjusted to meet final site grades.

Question #2: 119000-Part 4-3, please confirm that "Westmatic" meets the "Buy American" provisions of this bid - we understand the company is from outside the US.

Response: Yes, Westmatic has a manufacturing plant in upstate New York and meet the Buy American clause.

Question #3: 119000-Part 4.3D, this part of the specifications is allowing the GC to include information on either Westmatic or NS Wash Systems with their bid. This must be done prior to bidding. If not, the bid tendered is a qualified bid.

Response: This clause applies only to “approved equal” requests. To date, we have received one “approved equal” request, for Hydro Chem Systems (HCS). HCS submitted the proper qualifications and references, and as noted in Amendment #7, are approved as an equal. Substitution requests, however, are required to be submitted prior to bid date. This will be clarified by amendment herein.

Question #4: 102813-1.03C How many FND1 's are required?

Response: One per stall at women’s rooms

Question #5: 104400 Fire extinguisher cabinets to be surface mount or recessed?

Response: Fire extinguisher cabinets are to be recessed

Question #6: A7.03 What is mounted outside of Room 132 in Room 131 - shown on the East wall?

Response: Drawing A7.13 EQUIPMENT PLAN show a work rack

Question #7: Amendment 7 RFI #130 - Question #12: This website for "Contractor Prequalification, Status" IS the only site we can find to determine which "Highway" contractors are qualified to bid this project. This website has a column entitled "CATEGORY" which list the category "H". Shouldn't this be used to determine those contractors qualified? You state Project Specific prequalification’s are not listed on the web page. Are specific highway contractors having to qualify specifically for this project?

Response: The Department has Contractors that are Prequalified for a general category (for example: Highway) These are posted on our web page. We also allow Contractors to Prequalify for a specific project (for example: Trenton) These are not posted on our web page. Either a general or Trenton specific prequalification is acceptable.

Question #103: Section 033000 What product is to be used for concrete floor hardener

Response: See response to RFI 148 Question 1

Question #104: Bike Rack, see no specifications or details

Response: See attached specification in amendment #8

Question #105: Section 033000-3.17D Verify that the floor slab flatness and Levelness will be measured.

Response: See RFI 61 Question 2 in this amendment.

RFI #160

Question #1: At the last minute, just noticed that Amendment 7, RFI #130, Question 11 is in direct conflict with Amendment 6, Item G on Page 2. This answer has quite a significant impact on this project. Suggest your response in Amendment 7 hold.

Response: Please disregard response to Amendment #7 RFI 130 Question 11. Response to Amendment 6 Paragraph G. stands.

RFI #161

Question #1: The answer you gave to Question 11 in Amendment #7 appears to be in conflict with the change you made to Section 051200, Paragraph 1.6B in Amendment 6. You deleted this paragraph which called for an AISC Certified Erector and added a new paragraph 1.6B that only called for an experienced installer who has completed structural steel work similar in material, design and extent to that indicated for this project. Is a AISC installer required?

Response: Please see response to RFI #160 Question 1 above.

Question #2: In amendment #6 you confirmed that the concrete pavers were to be Genest Hollandstone Paving Stones, but it did not indicate which Section of the specifications these pavers are to be carried in. Please verify what section these pavers go in.

Response: Section 321216 – Asphalt Paving

Question #3: Section 071150 calls for dampproofing to be applied to the exterior of below grade surfaces on concrete and masonry foundations and retaining walls but this is not indicated on any of the cuts for these locations. Please confirm that exterior dampproofing is required?

Response: Dampproofing is required at exterior of below-grade surfaces on concrete and masonry foundation and retaining walls as specified in Section 071150

Question #4: In Amendment #6, Items J & K, you deleted the “NIC” reference to toilet and bath accessories that were not to be part of the contract. Now that we are to include these, we need a “Basis of Design” for the following items under Section 102813, Paragraph 2.01:

- Item C – Seal Cover Dispenser
- Item H – Soap Dispenser

