



JOHN ELIAS BALDACCI  
GOVERNOR

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

Item I – Powdered Soap Dispenser  
Item F – Paper Towel Dispenser (PTD) (the disposal unit number is shown  
but the dispenser was NIC)  
Item G – Paper Towel Dispenser (PTD1) (disposal unit number is shown  
but the dispenser was NIC)

**Response: Item C – Seat Cover Dispenser. Basis-of-Design  
Product: Bobrick B-221  
Item H – Soap Dispenser: Basis-of-Design Product:  
Bobrick B-2111  
Item I – Powdered Soap Dispenser: Basis-of-Design  
Product: Bobrick B-132  
Item F – Paper Towel Dispenser: Basis-of-Design Product:  
Bobrick B-359  
Item G – Paper Towel Dispenser: Basis-of-Design  
Product: Bobrick B-262**

**Question #5:** In Section 102813, paragraph 1.03C there is reference to a Dressing Table (DRB), but there is no product listed for this under Paragraph 2.01. Is this a custom bench or do you have a “Basis of Design” for it?

**Response: Please disregard reference to Dressing Table, (DRB). Not required**

**Question #6:** It does not appear that your response to the question in RFI #119 in Amendment #7 answers the question that was asked. As per Section 012100 we are to carry in our base bid Allowance #6 of \$200,000.00 for all Vehicle Maintenance Equipment (Section 111000) and Storage Equipment (Section 108700). Both the Mobile 4 Post Lift System (M-1) by Rotary Lift and the MAHA MCL Mobile Lifting System are specified in Division 111000. Are we to carry the full cost of the MAHA lift in Option 5 without any deduct for the Mobile 4 Post Lift System by Rotary Lift?

**Response: Please see response to RFI #153 Question 1 in this amendment.**

Consider these changes and information prior to submitting your bid on **November 25, 2009.**

Sincerely,



Scott Bickford  
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016123.50

PROJECT(S): 016123.50

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	201.11 CLEARING	11.000 AC				
0020	203.2001 COMMON EXCAVATION - PLAN QUANTITY	22710.000 CY				
0030	203.21 ROCK EXCAVATION	150.000 CY				
0040	203.24 COMMON BORROW	9140.000 CY				
0050	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	100.000 CY				
0060	304.104 AGGREGATE SUBBASE COURSE (PLAN QUANTITY)	13100.000 CY				
0070	403.207 HOT MIX ASPHALT 19.0 MM HMA	4250.000 T				
0080	403.210 HOT MIX ASPHALT 9.5 MM HMA	2115.000 T				
0090	403.213 HOT MIX ASPHALT 12.5 MM BASE	1591.000 T				
0100	409.15 BITUMINOUS TACK COAT APPLIED	1100.000 G				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	509.20 ALUMINUM ALLOY STRUCTURAL PLATE ARCH	LUMP	LUMP			
0120	603.15 12 INCH CULVERT PIPE OPTION I	40.000 LF				
0130	603.159 12 INCH CULVERT PIPE OPTION III	70.000 LF				
0140	603.179 18 INCH CULVERT PIPE OPTION III	280.000 LF				
0150	604.248 CATCH BASIN TYPE F6	1.000 EA				
0160	604.252 CATCH BASIN TYPE A5-C	1.000 EA				
0170	605.09 6" UNDERDRAIN - TYPE B	200.000 LF				
0180	606.353 REFLECTORIZED GUARDRAIL DELINEATOR POST	3.000 EA				
0190	609.11 VERTICAL CURB TYPE 1	1560.000 LF				
0200	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	430.000 LF				
0210	609.234 TERMINAL CURB TYPE 1 - 4 FOOT	4.000 EA				

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			DOLLARS	CTS	DOLLARS	CTS
0220	609.50 CONCRETE BASE FOR CURBING	1990.000 LF				
0230	610.08 PLAIN RIPRAP	40.000 CY				
0240	610.46 STONE BERM LEVEL LIP SPREADER	380.000 CY				
0250	613.319 EROSION CONTROL BLANKET	1580.000 SY				
0260	615.07 LOAM	950.000 CY				
0270	618.1401 SEEDING - METHOD #2, PLAN QUANTITY	160.000 UN				
0280	618.143 SPECIAL SEED MIX:	20.000 UN				
0290	619.1201 MULCH - PLAN QUANTITY	160.000 UN				
0300	620.58 NON WOVEN GEOTEXTILE	830.000 SY				
0310	621.01 EVERGREEN TREES (8 INCH - 12 INCH)	450.000 EA				
0320	621.025 EVERGREEN TREES (3 FOOT - 4 FOOT) GROUP A	12.000 EA				

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			DOLLARS	CTS	DOLLARS	CTS
0330	621.026 EVERGREEN TREES (3 FOOT - 4 FOOT) GROUP B	45.000 EA				
0340	621.038 EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP B	15.000 EA				
0350	621.043 EVERGREEN TREES (6 FOOT - 8 FOOT) GROUP A	18.000 EA				
0360	621.044 EVERGREEN TREES (6 FOOT - 8 FOOT) GROUP B	27.000 EA				
0370	621.126 SMALL DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP A	27.000 EA				
0380	621.128 SMALL DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP C	3.000 EA				
0390	621.18 MEDIUM DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP C	6.000 EA				
0400	621.196 MEDIUM DECIDUOUS TREE (1.75 INCH - 2 INCH CALIPER) GROUP B	12.000 EA				
0410	621.201 MEDIUM DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP A	7.000 EA				
0420	621.203 MEDIUM DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP C	5.000 EA				
0430	621.267 LARGE DECIDUOUS TREE (1.75 INCH - 2 INCH CALIPER) GROUP A	11.000 EA				

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			DOLLARS	CTS	DOLLARS	CTS
0440	621.269 LARGE DECIDUOUS TREE (1.75 INCH - 2 INCH CALIPER) GROUP C	6.000 EA				
0450	621.273 LARGE DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP A	13.000 EA				
0460	621.389 DWARF EVERGREENS (15 INCH - 18 INCH) GROUP A	178.000 EA				
0470	621.5312 DECIDUOUS SHRUB 10" - 12"	180.000 EA				
0480	621.54 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP A	467.000 EA				
0490	621.541 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP B	66.000 EA				
0500	621.546 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP A	76.000 EA				
0510	621.547 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP B	137.000 EA				
0520	621.553 DECIDUOUS SHRUBS (3 FOOT - 4 FOOT) GROUP B	62.000 EA				
0530	621.71 HERBACEOUS PERENNIALS GROUP A	72.000 EA				
0540	621.711 HERBACEOUS PERENNIALS GROUP B	72.000 EA				

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			DOLLARS	CTS	DOLLARS	CTS
0550	621.80 ESTABLISHMENT PERIOD	LUMP	LUMP			
0560	627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING	SF	2500.000			
0570	629.05 HAND LABOR, STRAIGHT TIME	HR	30.000			
0580	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	20.000			
0590	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	HR	40.000			
0600	652.33 DRUM	EA	15.000			
0610	652.35 CONSTRUCTION SIGNS	SF	25.000			
0620	656.75 TEMP SOIL EROS AND WATER POLL CONTROL	LUMP	LUMP			
0630	660.21 ON-THE-JOB TRAINING (BID)	HR	2000.000			
0640	801.093 2 1/2" SEWER FORCE MAIN	LF	1350.000			
0650	815.10 WELL CASING, AND GROUT DIV. 1 - SECTION 012700	LF	50.000			

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			DOLLARS	CTS	DOLLARS	CTS
0660	815.11 WELL DRILLING - INCL. WATER PIPE, ELECTRICAL WIRE, AND SUPPORT CABLE DIV. 1 - SECTION 012700	300.000 LF				
0670	815.12 2" WATER SERVICE PIPE WITH BRANCH CIRCUIT POWER WIRING FOR WELL PUMP DIV.1 - SECTION 012700	850.000 LF				
0680	DIV. 1 MOBILIZATION / DEMOBILIZATION GEN. CONDITIONS	LUMP	LUMP			
0690	DIV. 1 MOBILIZATION / DEMOBILIZATION GEN. CONDITIONS - SECTION 332100 - NEW WATER WELL AND PIPING	LUMP	LUMP			
0700	DIV. 10 SPECIALTIES	LUMP	LUMP			
0710	DIV. 10 SPECIALTIES ALLOWANCE - SIGNAGE COST	\$6,000	\$6,000		\$6,000	
0720	DIV. 10 SPECIALTIES ALLOWANCE - STORAGE EQUIPMENT COST	\$60,000	\$60,000		\$60,000	
0730	DIV. 11 EQUIPMENT ALLOWANCE- VEHICLE MAINT. EQUIPMENT	\$140,000	\$140,000		\$140,000	
0740	DIV. 11 EQUIPMENT TOOTHLESS RECYCLED WATER BUS WASH SYSTEM	LUMP	LUMP			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016123.50

PROJECT(S): 016123.50

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0750	DIV. 12 FURNISHINGS ALLOWANCE - SECTION 123200 FURNISHINGS	\$100,000	\$100,000		\$100,000	
0760	DIV. 14 CONVEYING EQUIPMENT	LUMP	LUMP			
0770	DIV. 21 FIRE SUPPRESSION	LUMP	LUMP			
0780	DIV. 22 PLUMBING	LUMP	LUMP			
0790	DIV. 23 HVAC	LUMP	LUMP			
0800	DIV. 26 ELECTRICAL	LUMP	LUMP			
0810	DIV. 26 ELECTRICAL ALLOWANCE - ELECTRICAL UTILITY CONST.	\$250,000	\$250,000		\$250,000	
0820	DIV. 26 ELECTRICAL ALLOWANCE - TELEPHONE UTILITY CONST.	\$75,000	\$75,000		\$75,000	
0830	DIV. 3 CONCRETE	LUMP	LUMP			
0840	DIV. 31 EARTHWORK @ BLD. SITE - SEE SHEET C-101 FOR LIMITS	LUMP	LUMP			
0850	DIV. 32 EXTERIOR IMPROVEMENTS	LUMP	LUMP			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016123.50

PROJECT(S): 016123.50

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0860	DIV. 33 UTILITIES	LUMP	LUMP			
0870	DIV. 4 MASONRY	LUMP	LUMP			
0880	DIV. 5 METALS STEEL	LUMP	LUMP			
0890	DIV. 6 WOOD & PLASTIC CARPENTRY	LUMP	LUMP			
0900	DIV. 7 THERMAL & MOISTURE PROTECTION	LUMP	LUMP			
0910	DIV. 8 DOORS & WINDOWS	LUMP	LUMP			
0920	DIV. 9 FINISHES	LUMP	LUMP			
SECTION 0001 TOTAL						.
SECTION 0002 OPTION 2						
0950	DIV. 1 MOBILIZATION / DEMOBILIZATION GEN. CONDITIONS - SITE PLANS ALT. LOC. NEW WATER WELL AND PIPING	LUMP	LUMP			
SECTION 0002 TOTAL						.
SECTION 0003 OPTION 3						

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016123.50

PROJECT(S): 016123.50

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0960	DIV. 7 THERMAL & MOISTURE PROTECTION THERMOPLASTIC PVC STANDING SEAM ROOF SYSTEM	LUMP	LUMP			
SECTION 0003 TOTAL						.
SECTION 0004 OPTION 4						
0940	DIV. 8 DOORS & WINDOWS INSULATED TRANSLUCENT FIBERGLASS (FRP) SANDWICH PANEL SKYLIGHT SYS.	LUMP	LUMP			
SECTION 0004 TOTAL						.
SECTION 0005 OPTION 5						
0930	DIV. 11 EQUIPMENT MOBILE LIFT SYSTEM W/ ELECTRICAL POWER INC.	LUMP	LUMP			
SECTION 0005 TOTAL						
TOTAL BID W/ALL OPTIONS						

## SECTION 024650 - BICYCLE RACK

### PART 1 - GENERAL

#### 1.01 RELATED DOCUMENTS

- A. If the contractor discovers any ambiguity, error, omission, conflict, or discrepancy, General Conditions Section 101.3.6 Priority of Conflicting Contract Documents shall control.
  - 1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.
  - 2. State of Maine Department of Transportation, "Standard Specifications," Revision December 2002, and any revisions thereto, apply to this Section.

#### 1.02 DESCRIPTION

- A. This Section specifies all work required to locate and install bicycle racks and related items as indicated on the Drawings and/or as specified herein.

#### 1.03 RELATED WORK

- A. Carefully examine all of the Contract Documents for requirements, which affect the work of this Section.
- B. Other specifications sections, which directly relate to the work of this section include, but are not limited to, the following:
  - 1. Section 033000 – Cast-in-Place Concrete

#### 1.03 REFERENCES AND STANDARDS

Where references are made in these Specifications to Standard Specifications, codes, etc. of the U.S. Government, State or local authorities, or professional and industrial societies and associations, the applicable portions thereof shall govern as fully as if they were recited at length herein. References and standards shall include all revisions thereto issued as of the date of the Notice to Contractors pertaining hereto.

- 1. AASHTO: American Association of State Highway and Transportation Officials, Standard Specifications, latest edition.
- 2. ASTM: American Society for Testing and Materials, latest edition.
- 3. OSHA: Occupational Safety Hazard Administration, latest requirements.

#### 1.04 SUBMITTALS

- A. Request for deviations from Specifications: If any deviations from specifications are proposed, include written description and reasons for proposed deviations. Do not proceed until written approval by the Engineer of any deviations.
- B. Shop Drawings/Product Literature: Contractor shall submit product literature and coordinated Shop Drawings, which shall show required sizes, dimensions, sections, profiles of units, the

arrangement and provision for jointing, anchoring, fastening and supports and other necessary details for delivery and lifting devices and reception or installation of other work. Show in large-scale details any unique fabrication and setting requirements or any other specified areas seen as necessary or as directed by the Engineer. Schedule Shop Drawings and submittal of product literature so that they can be accepted a minimum of 30 days prior to installation represented by the Shop Drawings and product literature. Shop Drawings and/or Product Literature shall be submitted for the following:

1. Bicycle rack - Shop Drawings and product literature.

#### 1.05 EXAMINATION OF CONDITIONS AND DOCUMENTS

- A. All areas shall be inspected by the Contractor before starting work and any defects, such as incorrect grading, etc., shall be reported to the Engineer prior to beginning this work. The commencement of work by the Contractor shall indicate his acceptance of the areas and he shall assume full responsibility for the work of this Section.
- B. The Contractor shall be solely responsible for judging the full extent of work requirements involved, including but not limited to the potential need for storing materials prior to final installation.

#### 1.06 DELIVERY, STORAGE AND HANDLING

- A. Storage and Handling: Store and handle packaged materials in strict compliance with manufacturer's instructions and recommendations. Protect all materials from damage, injury and theft.

#### 1.07 PROJECT CONDITIONS

- A. The work shall be conducted with prime consideration given to the following:
  1. Compliance with Americans with Disabilities Act requirements.
  2. Compliance with governing laws and building codes.
  3. Safety, protection, and convenience of the public and workmen.
  4. Protection of the existing building structure, materials and finishes to remain from damage.
  5. Minimization of dirt and dust proliferation.
  6. Avoidance of any damage to existing vegetation to remain.
  7. Maintenance of existing site drainage and drainage structures and protection of constructions from siltation during construction.
  8. Provide unobstructed legal exits and entrances at all times.
- B. All work shall be done in accordance with the governing laws and building codes and the Contractor shall procure all necessary permits required.

### PART 2 - PRODUCTS

#### 2.01 BICYCLE RACKS

- A. Bicycle racks shall be the Bike-Link, Model No. BL-2B high security bike rack manufactured by Bike Security Racks Company, Rumney, New Hampshire (603) 786-2757, local distributor Blake Industries (617) 337-8772; "Pi Rack" as manufactured by Landscape Forms, Inc. Kalamazoo, MI (800) 521- 2546; or "RR-200" as manufactured by Rally Racks, Santa Rosa, CA (707) 5280-8083.

BICYCLE RACK

024650 - 2

1. Bolts shall be a ½" x 10", vandal resistant, and shall be hot dipped, galvanized.
  2. The lead expansion shield shall be of the correct size to receive the bolt specified by the manufacturer.
  3. Provide bicycle racks with a 3-coat Fluoropolymer High-Performance Organic factory finish. All coatings shall be lead free. Color of bicycle rack shall be black.
- B. Contractor shall provide touch-up paint from the manufacturer to match factory finish. All coatings shall be lead-free.
- C. Grout shall be non-shrinking, non-metallic, non-staining, such as Hallenite "Por-Rok", Sonneborn "SonogROUT", Penn Dixie, or Master Builders or approved equal Submit color samples and product literature for approval.
- D. Concrete for footings including reinforcing shall be 4000-psi 28-day air-entrained concrete conforming to the requirements and applicable provisions of Section 033000 – Cast-in-Place Concrete.

### PART 3 - EXECUTION

#### 3.01 BICYCLE RACKS

- A. Locate and install bicycle racks complete as shown on the Drawings and in conformance with approved Shop Drawings and sample mock-up.
- B. The Contractor shall be responsible for timing the delivery of bicycle racks so as to minimize on-site storage time prior to installation. All stored materials and items must be protected from weather, careless handling or vandalism.
- C. The color system specified is a factory finish coating. Upon arrival on the job site it is the Contractor's responsibility to handle the bicycle racks in such a manner as to minimize damage to the finish. Should any damage occur to the coating surface in shipping or handling at the job site, it is the responsibility of the Contractor to touch up said damage using suitable touch-up materials, either liquid or aerosols, available from the manufacturer. Dry film thickness of applied repair paint shall be not less than what was originally specified herein.

END OF SECTION 024650