Division of Transportation Systems Development
Bureau of Project Development
4822 Madison Yards Way, $4^{\text {th }}$ Floor South
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## NOTICE TO ALL CONTRACTORS:

## Proposal \#01: 1003-10-79, WISC 2018280 <br> Illinois State Line - Madison <br> IH 43 Interchange <br> New Alignment <br> IH 39 <br> Rock County

1003-11-71, WISC 2018281
Illinois State Line - Madison
IH 43 Interchange
South \& East Leg
IH 39
Rock County

## Letting of June 12, 2018

This is Addendum No. 01, which provides for the following:

## Special Provisions:

| Revised Special Provisions |  |
| :---: | :--- |
| Article <br> No. | Description |
| 59 | Furnishing and Planting Plant Materials |

## Schedule of Items:

| Revised Bid Item Quantities |  |  |  |  |  |
| :---: | :--- | :---: | :---: | :---: | :---: |
| Bid Item | Item Description | Unit | Old <br> Quantity | Revised <br> Quantity | Proposal <br> Total |
| 305.0110 | Base Aggregate Dense 3/4-Inch | TON | 6,621 | 182 | 6,803 |
| 305.0120 | Base Aggregate Dense 1 1/4-Inch | TON | 206,306 | $-11,355$ | 194,951 |
| 312.0110 | Select Crushed Material | TON | 254,649 | 4,576 | 259,225 |
| 415.0085 | Concrete Pavement 8 1/2-Inch | SY | 37,660 | 4,028 | 41,988 |
| 455.0605 | Tack Coat | TON | 1,885 | 520 | 1,907 |
| 460.6223 | HMA Pavement 3 MT 58-28-S | TON | 3,472 | 22 | 5,041 |
| 460.6224 | HMA Pavement 4 MT 58-28-S | TON | 3,127 | 187 | 3,490 |
| 460.7223 | HMA Pavement 3 HT 58-28-S | TON | 3,074 | 117 | 3,314 |
| 460.7624 | HMA Pavement 4 HT 58-28-V | MGAL | 3,178 | -169 | 3,009 |
| 624.0100 | Water | LF | 202,614 | $-74,721$ | 127,893 |
| 649.0105 | Temporary Marking Line Paint 4-Inch | LF | 5,309 | $-3,800$ | 1,509 |
| 649.0150 | Temporary Marking Line Removable Tape 4- <br> Inch | LF | 5,380 | $-1,023$ | 4,357 |
| 649.0205 | Temporary Marking Line Paint 8-Inch | EACH | 147 | 280 | 427 |
| 649.0760 | Temporary Marking Raised Pavement <br> Marking Type I |  |  |  |  |


| Added Bid Item Quantities |  |  |  |  |  |
| :---: | :--- | :---: | :---: | :---: | :---: |
| Bid Item | Item Description | Unit | Old <br> Quantity | Revised <br> Quantity | Proposal <br> Total |
| 646.9010 | Marking Removal Water Blasting 4-Inch | LF | 0 | 65,403 | 65,403 |
| 646.9110 | Marking Removal Water Blasting 8-Inch | LF | 0 | 1,842 | 1,842 |
| 649.0155 | Temporary Marking Line Removable Contrast <br> Tape 4-Inch | LF | 0 | 3,995 | 3,995 |

## Plan Sheets:

| Revised Plan Sheets |  |
| :---: | :---: |
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
|  | Project ID 1003-11-71 |
| 35 | Typical Section (Update Project No.) |
| 95-96 | Plan Details (Update Project No.) |
| 109 | Plan Details - IH 43 (Update Project No.) |
| 242-244 | Typical Section - Temporary Pavement (Update Project No.) |
| 245 | Typical Section - Temporary Pavement, IH 39 Stage 2B (Station Range Update) |
| 246-250 | Typical Section - Temporary Pavement (Update Project No.) |
| 251 | Typical Section - Temporary Pavement, IH 43 Stage 1B (Station Range Update) |
| 252 | Typical Section - Temporary Pavement, IH 43 Stage 2A (Station Range Update) |
| 253 | Typical Section - Temporary Pavement (Update Project No.) |
| 254 | Typical Section - Temporary Pavement, IH 43 Stage 2C (Station Range Update) |
| 255-256 | Typical Section - Temporary Pavement (Update Project No.) |
| 257 | Typical Section - Temporary Pavement, IH 43 Stage 3A (Station Range Update) |
| 280-293 | Temporary Pavement (Update Project No.) |
| 294 | Temporary Pavement - Stage 1B - IH 39 (Station Callout) |
| 295 | Temporary Pavement - Stage 1B - IH 39 (Station Callout) |
| 296-303 | Temporary Pavement (Update Project No.) |
| 322 | Temporary Pavement - Stage 2C - IH 43 (Station Callout) |
| 377 | Traffic Control General Notes (Change to Pavement Marking Type) |
| 389 | Traffic Control - Stage 2D Typical Section (IH 39) (Change to Pavement Marking Type) |
| 390 | Traffic Control - Stage 3A \& 3B Typical Section (IH 39) (Change to Pavement Marking Type) |
| 436 | Traffic Control - Stage 2D (IH 39) (Change to Pavement Marking Type) |
| 437 | Traffic Control - Stage 2D (IH 39) (Change to Pavement Marking Type) |
| 438 | Traffic Control - Stage 2D (IH 39) (Change to Pavement Marking Type) |
| 439 | Traffic Control - Stage 2D (IH 39) (Change to Pavement Marking Type) |
| 440 | Traffic Control - Stage 2D (IH 39) (Change to Pavement Marking Type) |
| 443 | Traffic Control - Stage 3A (IH 39) (Change to Pavement Marking Type) |
| 444 | Traffic Control - Stage 3A (IH 39) (Change to Pavement Marking Type) |
| 445 | Traffic Control - Stage 3A (IH 39) (Change to Pavement Marking Type) |
| 494 | Traffic Control - Stage 2B (IH 43) (Change to Pavement Marking Type) |
| 495 | Traffic Control - Stage 2B (IH 43) (Change to Pavement Marking Type) |
| 573 | Miscellaneous Quantities (Quantity Update) |
| 575 | Miscellaneous Quantities (Pavement Marking Removal Items Added) |
| 601 | Miscellaneous Quantities (Change to Pavement Marking Type) |
| 602 | Miscellaneous Quantities (Change to Pavement Marking Type) |
| 603 | Miscellaneous Quantities (Change to Pavement Marking Type) |

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.
Sincerely,

## Mike Coleman

Proposal Development Specialist
Proposal Management Section

## ADDENDUM NO. 01

## 1003-10-79 \& 1003-11-71

May 29, 2018

## Special Provisions

## 59. Furnishing and Planting Plant Materials.

Replace entire article language with the following:
The work covered by this special provision is in accordance with standard spec 632 except as hereinafter specified.

## Supplement standard spec 632.2.2.1 with the following:

All plant material must conform to American Standard for Nursery Stock, ANSI Z60.1-2014 for type, shape, and height.

Provide plants grown within the states of Wisconsin, Minnesota, Michigan, or parts of northern Illinois, Indiana or Ohio located within Zone 5 of the "Plant Hardiness Zone Map" produced by the United States Department of Agriculture, Miscellaneous Publication No. 1475, issued January, 1990, updated January 24, 2012.

Modify paragraph (1) of standard spec 632.2.2.2 as follows:
Collected grown stock is not allowed.

## Supplement standard spec 632.2.2.4 as follows:

Requests for substitution(s) of root category (i.e. bare root vs. balled \& burlapped) must be documented in writing to the Corridor Vegetation Inspector. Approval of the substitution is required and the department may execute a contract change order to adjust contract unit prices for the substituted materials.

Supplement standard spec 632.2.2.8 with the following:
Plants with undersized, insufficient, unbalanced, damaged, or improperly stored, transported or handled root systems will be rejected.

To prevent stem-girdling roots over time, plants with encircling roots that cannot be properly repositioned during installation will be rejected.

Supplement standard spec 632.2.2.9.1 with the following:
Plants must be protected from excessive vibrations. Plants shall not be thrown or bounced off a truck or loader to the ground. Plants shall not be dragged, lifted, or pulled by the trunk or foliage parts in a manner that will loosen the roots in the ball.

Ensure there is adequate drainage in the planting holes and bed areas. If drainage is insufficient, perform a percolation test by filling a 16 -inch-deep planting hole with water and measure the time it takes for the water to drain from the hole. Adequate drainage will be equal to or greater than $1 / 2$ inch per hour. In the case of inadequate drainage, request approval from the Corridor Vegetation Inspector to either relocate or remove the planting location(s).

Supplement standard spec 632.2.2.9.3 with the following:
Roots cannot extend more than 4" beyond the burlap.
Numerous larger diameter root stubs must not be present.
Roots must fill the soil ball.
Plant must be no more than $10 \%$ off center in the soil ball, unless the ball is oversized allowing a centered plant within the minimum radius spread for the root type as specified in the plans.

Delete standard spec 632.2.3.1, 632.2.3.2, and 632.2.3.4.
Delete standard spec 632.2.4.1.
Supplement standard spec 632.2.6 with the following:
Mulch shall be hardwood chip mulch. Provide fibrous wood mulch not containing manufactured boards or chemically treated wood, including but not limited to wafer board, particle board, and chromated copper arsenate (CCA) or penta-treated wood. Ensure that the material does not contain bark of black walnut trees.

Replace standard spec 632.2.9(1) with the following:
Rodent protection consists of wire mesh material embedded and staked into the ground as shown in the construction detail in the plans.

## Supplement standard spec 632.3.1 with the following:

Prior to proceeding with plant installation work and to the satisfaction of the Corridor Vegetation Inspector, schedule and perform a "Competency Test" demonstrating acceptable plant installation methods for each root category applicable to this project. The test will include handling plants, digging holes and beds, installing plants, initial watering, installing applicable protection materials, and mulching.

## Supplement standard spec 632.3.2 with the following:

Store any trees or shrubs delivered before use in a way that protects them from damage by heat, moisture, rodents, or other causes. The storage locations and requirements are described elsewhere in these special provisions. Discard and replace, at no cost to the department, any previously accepted plant material that becomes damaged. Plant material should not be stored on site more than seven days.

Replace paragraph (2) of standard spec 632.3 .4 with the following:
Excavate planting holes as shown in the plan details. The planting hole diameter shall be at least three times the diameter of the root ball or 8-ft minimum. The soil shall be loosened beyond the edge of the planting hole. Excavation may be done by shovel, backhoe, or stump grinder, but a soil auger may not be used.

For balled and burlapped (B\&B) plants, determine the depth of plant hole by measuring the distance from the point at which the trunk flare begins to the bottom of the ball and subtracting 2 inches.

Excavated planting holes that will be left open when work is not in progress or pose an immediate and considerable hazard to pedestrians or vehicles shall be adequately barricaded with appropriate warning devices.

Delete standard spec 632.3.4 (4).
Supplement standard spec 632.3.7 with the following:

For $\mathrm{B} \& \mathrm{~B}$ plants, loosen the burlap to the top of the ball and locate the trunk flare. Remove excess soil, without damaging the plant, if the trunk flare is buried less than 4 inches in the root ball soil. If trunk flare is buried in the root ball soil more than 4 inches it will be rejected. Keep the root ball intact until it is secure in the hole.

Test the soil ball by pulling on the stem or crown of the ball. If the stem or crown moves and the ball does not, the ball is broken and will be rejected.

The soil pad on which the B\&B soil ball or root ball will be placed shall be of undisturbed soil. Carefully set the plant in the hole so that the trunk flare is 2 inches above the existing grade. Once the tree or shrub is set and backfilled, any rope, string, or twine should be removed from around the trunk. If the root ball appears in danger of completely collapsing, only remove twine and burlap from the top one-third of the ball. Remove the wire basket. If the root ball appears in danger of completely collapsing, the top $8-16$ inches of the wire basket will be removed once the ball is stable in the planting hole. Cut wire basket and do not leave any protruding points of wire which could cause injury. Do not remove the wire basket by pulling on the root ball. Vertically slice through any remaining burlap at 6 inch intervals around the ball in a manner that does not damage the roots.

Verify within 60 days that all ropes, strings, burlap, and other wrappings have decomposed so as not to restrict growth of trunk and roots. If this has not occurred, remove the restricting materials within one week of notification by the Corridor Vegetation Inspector.

Prior to planting balled and potted (B\&P) or container grown (CG) plants, remove the plastic, metal, or biodegradable container. If roots are crowded or coiled on the bottom, sides, or surface of the root ball, gently separate from the edges or surface.

Replace paragraph (3) of standard spec 632.3.7 with the following:
Use backfill material, Topsoil Special, for planting beds.
Carefully tamp the soil lightly to avoid leaving air pockets but not so firmly as to drive out all the fine air spaces needed for a well-aerated soil. Tamp each soil layer in a way that avoids injuring the roots or ball or disturbing the plant position. To avoid packing the soil too firmly, water the soil halfway through the backfill process and allow it to drain. After the water is absorbed, resume backfilling and water again thoroughly.

To complete backfilling, smooth the surface soil with a rake and check to ensure that the trunk flare is completely exposed and that the top of the rootball is not covered with soil. Build a "saucer" at the outer edge of the hole to retain water and allow it to soak down to the roots.

Any remaining burlap must be completely covered with soil. If exposed to the air, it will dry out, potentially wicking moisture from the ball and making it difficult to re-wet. If the root collar is deep in the ball and the ball planted high as a result, soil will have to be mounded above grade to assure the burlap is covered.

## Supplement paragraph (5) of standard spec 632.3.7 with the following:

After planting, water the planting area deeply. Newly planted trees and shrubs must receive adequate water during the establishment period.

Supplement standard spec 632.3.9 as follows:

Shovel cut an edge around the perimeter of planting beds at the locations shown on the plans. Manually, or machine cut, edge to a minimum depth of 6 inches and a width of 8 inches. Fill shovel cut edge with the appropriate mulch and finish approximately 2 inches below adjacent lawn grades. Tamp mulch lightly and add additional mulch, as necessary, so that the final level of the mulch, after compacting, is level with adjacent lawn grades.

Place the hardwood bark chips, locations specified elsewhere, immediately after planting.
Replace standard spec 632.3.13(1) with the following:
Place rodent protection around deciduous, pine, and larch trees in accordance with the detail shown in the plans.

## Supplement standard spec 632.3.14 with the following:

If the root ball is not stable in the soil, at the direction of the Corridor Vegetation Inspector, brace the trunk as low as possible to keep the root ball stable while allowing the trunk to sway slightly. Only polyethylene straps are allowed for bracing. Bracing will be removed after one growing season, unless a longer period is directed by the Corridor Vegetation Inspector.

Delete standard spec 632.3.15
Supplement standard spec 632.5.1 (2) with the following:
Payment for Topsoil Special will be paid for separately.
Delete standard spec 632.5.3.

## Schedule of Items

Attached, dated May 29, 2018, are the revised Schedule of Items Pages 3, 4, 15, 22, and 31.

## Plan Sheets (Project ID 1003-11-71)

The following $81 / 2 \times 11$-inch sheets are attached and made part of the plans for this proposal:
Revised:
95-96, 109, 242-257, 280-303, 322, 377, 389-390, 436-440, 443-445, 494-495, 573, 575, 601-603



Addendum No. 01 ID 1003-11-71
Revised Sheet 109
May 29, 2018











































TRAFFIC CONTROL STAGE 2D TYPICAL SECTION
IH $39 / 90$ STAGE 20: BEGIN PROJECT to NORTH OF WELCOME CENTER





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MATCHLINE STA. $159+00^{\prime}$ T2D'
PROJECT NO: $1003-111-71$




Addendum No. 01 ID 1003-11-71
Revised Sheet 445 May 29, 2018
Addendum No. 01



Addendum No. 01 ID 1003-11-71
Revised Sheet 601
May 29, 2018

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Proposal ID: 20180612001 Project(s): 1003-10-79, 1003-11-71
Federal ID(s): WISC 2018280, WISC 2018281

SECTION: 0001
Alt Set ID:

Contract Items
Alt Mbr ID:

| Proposal <br> Line <br> Number | Item ID <br> Description | Approximate <br> Quantity and <br> Units | Unit Price |
| :--- | :--- | ---: | :--- |

Proposal ID: 20180612001 Project(s): 1003-10-79, 1003-11-71
Federal ID(s): WISC 2018280, WISC 2018281
SECTION: 0001 Contract Items
Alt Set ID: Alt Mbr ID:

| Proposal <br> Line <br> Number | Item ID <br> Description | Approximate <br> Quantity and <br> Units | Unit Price |
| :--- | :--- | ---: | :--- |

Proposal ID: 20180612001 Project(s): 1003-10-79, 1003-11-71
Federal ID(s): WISC 2018280, WISC 2018281
SECTION: 0001 Contract Items
Alt Set ID: Alt Mbr ID:

| Proposal <br> Line <br> Number | Item ID <br> Description | Approximate <br> Quantity and <br> Units | Unit Price |
| :--- | :--- | ---: | :--- |

Proposal ID: 20180612001 Project(s): 1003-10-79, 1003-11-71
Federal ID(s): WISC 2018280, WISC 2018281
SECTION: 0001 Contract Items
Alt Set ID: Alt Mbr ID:

| Proposal <br> Line <br> Number | Item ID <br> Description | Approximate <br> Quantity and <br> Units | Unit Price |
| :--- | :--- | ---: | :--- |

Proposal ID: 20180612001 Project(s): 1003-10-79, 1003-11-71 Federal ID(s): WISC 2018280, WISC 2018281

SECTION: 0001
Alt Set ID: Alt Mbr ID:


