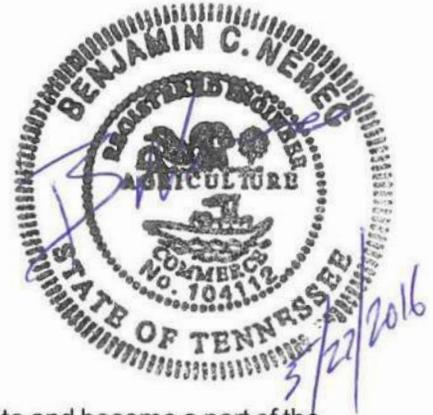


ADDENDUM NO. 01
May 27, 2016

PROJECT: Oak Ridge Rowing Course Site Improvements
JOB NUMBER: 35898-01
OWNER: City of Oak Ridge
ENGINEER/DESIGNER: Barge Waggoner Sumner & Cannon, Inc.
1110 Market Street, Suite 200
Chattanooga, TN 37402
BID DATE: June 1, 2016, 3:00 PM local time



ALL BIDS SHALL CONFORM TO THIS ADDENDUM:

The following items covering changes in the bidding requirements shall apply to and become a part of the requirements thereof.

Receipt of this Addendum shall be acknowledged by inserting this number and date in the space provided on the Bid Form. Failure to do so may result in disqualification of the Bidder. This addendum consists of **14** pages.

GENERAL

- ITEM 1: Pre-Bid Meeting Notes are attached.
- ITEM 2: Contractor Questions – Please refer to Attachment “A – Contractor Questions”
- ITEM 3: Clarifications: Contractor will be required to coordinate their work schedule to allow Rowing Course use and access during the Secret City Head Race date on October 22, 2016.
- Clarification: Coal Tar Coating requirement is removed from the project requirements. No corrosion protection coating will be required. Equivalent structural sections to the specified section can be utilized on the project. Approval of equivalent materials will be addressed by the Engineer during construction period shop drawing reviews.
- Clarification: Project schedule is increased to 160 Calendar days.
- Clarification: Contractor shall bid the project based on an assumed water elevation of 794 MSL during waler and anchor cap installation. Standard operating guides for Melton Hill show an average water elevation of 794 MSL. The City of Oak Ridge will consult with TVA on maintaining this water elevation during critical schedule points for the project.

SPECIFICATIONS

- ITEM 1: Replaced Bid Form.
- ITEM 2: Replaced Section 01 22 00

END OF ADDENDUM NO. 01

MEETING NOTES

Date of Meeting: 5/25/2016
Project: Oak Ridge Rowing Course Site Improvements
Subject: Pre-Bid Meeting Agenda
Meeting Location: 695 Melton Lake Drive, Oak Ridge, TN
BWSC Project No.: 35898-01

PARTICIPANTS: See attached Sign in Sheet
Copy to: Participants and City of Oak Ridge

ITEMS DISCUSSED:

1. Bid Date: June 1, 2016 3:00 pm (local time)
Bid Location: Central Serves Complex at 100 Woodbury Lane, Oak Ridge, Tennessee.
2. All Questions must be submitted to Lyn Majeski (865) 425-1819
lmajeski@oakridgetn.gov no later than May 25.
3. Details of the bid form and measurement and payment Section 01 22 00 were discussed.
 - a. Specifically the payment method for the sheet pile wall was explained. Bid Item No.6, Sheet Pile Wall, pays per square foot and will be measured from the bottom of driven sheet to the top of the cap.
 - 1) Contractors requested consideration for cut off allowance for material purchased above the top of wall. Note: This will be addressed in a bid addendum.
4. Contractor will be required to submit Drug Free Workplace Affidavit and Bid Bond (10%) with the in accordance with the Instructions to Bidders.
5. Contract
 - a. Start work with 10 days of Notice to Proceed
 - b. Completion within 110 days – Contractor requested consideration for increasing the number # of calendar days. Note: A bid addendum addressing the schedule will be issued.
 - c. 5% retainage will be applied to progress payments.
 - d. Contractor will be required to meet the insurance levels included on page 4 of the sample contract document.
 - e. Liquidated damages will be in the amount of \$200 per day.

6. Project Drawings were reviewed

a. Plan review

- 1) Sheet Pile Wall layout discussed.
 - i. Contractors expressed concern about the required sheet pile on the plans versus actual refusal. Specifically, the mention blow counts on borings B-3, B-4 and B-5 above 47. Note: an answer to the required refusal depth and means of installation will be provided in a bid addendum.
 - ii. Contractor expressed concerns about elevation summer water pool and installation of wailer and appurtenances. The City and BWSC will discuss with TVA and provide a clarification on water depths.
 - iii. It was discussed that the specified sheet piling only requires the coal tar coating on one side to meet the plans and specifications. Contractors present asked about substitution of alternate materials. A clarification will be issued in a bid addendum.
- 2) The available work area for the wall installation off Melton Lake Drive was discussed. Contractor's work area shall be off the travel lane on Melton Lake Drive so the road can remain open during construction.
- 3) A bid Item has been included for the replacement of damaged Greenway within the work area. (Damage and repair)
- 4) Material Dredging was discussed.
 - i. Spoil Area at Haw Ridge Park off Edgemoor Road has been described in the plans. Contractor will be responsible for managing the hauling of wet materials from the dredge area.
 - ii. Contractor shall avoid sediment and water on roadway.
 - iii. Alternate spoil site can be considered but will require approval per the plans.
- 5) Plans include Rip Rap placement at wall ends.
- 6) Plans include safety railing and sheet pile concrete cap.

b. All required material testing, driving logs, and anchor logs by Contractor at their expense. Reports provided to Owner and Engineer on regular schedule and upon request.

- 1) Required Anchor load is 83 kips.

c. Schedule Items

- 1) Coordinate efforts to allow full use of rowing course during fall regatta October 15, 2016. Note: Changed to October 22, 2016.

These notes represent my understanding of items discussed and conclusions reached. Participants are requested to review these items and advise of necessary corrections or revisions.

Signed: _____



Date: 5/25/2016

Benjamin C. Nemec, PE

QUESTIONS	RESPONSES
1 <i>Is it possible to get the plans in an unsecured format for takeoffs.</i>	Individual PDFs of the project plans are available on the City of Oak Ridge Website. http://www.oakridgetn.gov/department/Finance/content.aspx?article=1964
2 <i>Should piles encounter existing soils that prevent the piling from being driven to the minimum depth, does the owner consider this a change condition?</i>	If minimum depth cannot be achieved with conventional driving methods the owner will consider this a changed condition. The revised bid form includes an alternate for predrilling mobilization and predrilling (Bid Items 13 and 14). This unit rate will be utilized in the evaluation of a change order if predrilling is required. Owner, A/E and Geotechnical engineer will have to approve the requirement for predrilling.
3 <i>Is it the contractor's responsibility to reach a minimum piling depth by any means necessary?</i>	Minimum required sheet pile elevations for the wall design is 777.2'. See answer to question #2 regarding alternate for predrilling.
4 <i>The plans indicate a variable depth to refusal, it likely that this will generate the possibility of substantial amount of wasted sheet piling that will not be paid for, can a bid item be added to account for excessive wasted piling or can separate bid items be added, one for supply of material and one for installation?</i>	Bid form has been revised to include separate bid items for Sheet Pile Delivered and Sheet Pile Driven (Bid Items 6a and 6b).
5 <i>What is the possibility of alternate "contractor design" wall.</i>	Contractors shall bid the project per the plans and specifications.
6 <i>Under Article 2 – <u>Term</u> in the proposal, the 2nd sentence reads "Work shall commence within ten (10) calendar days after the City's issuance of a written Notice to Proceed and shall be completed within one hundred and ten (110) calendar days of commencement, unless an alternate schedule is approved by the parties in writing." So the contract time is set at 110 calendar days but it appears with all the work being asked to complete, it cannot be done in that short amount of time. During the pre-bid showing of the project, contract time was discussed and it was mentioned the contract time could be adjusted at the preconstruction conference. Can you elaborate on this statement and address time requirements and possible contract time extensions?</i>	Contract time is revised to 160 days.
7 <i>Concerning permits, what permit/permits will be the responsibility of the contractor?</i>	Owner and A/E will provide all the necessary permitting.
8 <i>Concerning the coating required on the sheet piles. (See Sheet RW-1) Under Section 4. Materials sentence 3, it states "All piles shall have a standard coal tar epoxy (16 mil min.) protection on exposed surfaces or equivalent corrosion protection."</i> A <i>Is the coating only for the exterior face of the sheet piles?</i> B <i>Would Hot Dip Galvanizing be considered an equivalent corrosion protection?</i>	Coal Tar Coating is deleted from the project requirements. We have evaluated the specified section with various corrosion rates since the plans were issued and found that the thickness of the section is acceptable to use sacrificial steel as the corrosion protection rather than the application of a coating. Other equivalent structural sections similar to this may also be acceptable without coating and can be evaluated during construction period shop drawing submittals. Coal Tar Coating requirement removed from project requirements. Corrosion protection coating not required.
9 <i>Concerning the concrete that will encase the DBL Channel Walers on the front exterior face of the sheet piles. (See Sheet RW-2, Section (2/RW-2) Waler Connection Detail - Section) The side view only shows the concrete to be constant 18.5" width with the inner concrete face butted up against the protruding exterior face of the sheet piles.</i> A <i>Is that the case or does the concrete extend to the indented exterior face of the sheet piles where the concrete width varies from 18.5" to 34.25"+/-?</i> B <i>What bid item does this concrete encasement fall under? Is it incidental and should be included in other items or should it be included with the Concrete Cap Item.</i>	Concrete will extend to the indented face. No specific bid item is included for the for the concrete encasement therefore it should be incidental and included in other items.

<p>10</p> <p>A See Section (4/RW-2) Steel Plate Detail What is the thickness of this plate?</p> <p>B Where is this plate to be located? Looking at the other drawings on Sheet 4/RW-2, it is unclear whether the plate is beneath, beside, or between the waler chairs. Also is this plate only to be used at tieback anchor locations or at every waler chair location?</p> <p>C Is this plate meant to cover the holes burnt or drilled in the sheet piles to allow for the 6" diameter anchor core holes? If that is the case, should the plate be wider than the 5.5" as shown so it will cover the entire hole in the sheet pile?</p>	<p>The thickness of the plate is 1".</p> <p>For use in covering the hole of 6" diameter on the protruding side of a NZ19, a plate approx. 12"x12"x1" could be utilized with the anchor location shifting to the center of the protruding section. If an alternate section is used the plate would have to be sized accordingly. Waler chairs at intermediate locations may use 2 angle chairs with a smaller bearing plate 7.85"x5.5"x1" min welded only on two sides.</p> <p>See answer for 10b.</p>
<p>11</p> <p>A Sections (2/RW-2), (3/RW-2), and (5/RW-2) make it appear that the waler chair is one single plate. Section 1/RW-3 shows each waler chair location spaced at 55.12" but instead of a single plate, it shows 2 plates at each location. The spacing between the 2 plates however is not shown. If it does require the 2 plates at each waler chair location, what is the spacing between them?</p> <p>B Section (8/RW-2) which I assume is a Front Elevation View shows a square waler chair.</p> <p>i Is this a Front Elevation View or a Plan View?</p> <p>ii Since the waler chair is shown as square, is a square cap plate required on top of the 2 plates mentioned in Question 6A to serve as a bearing seat for the DBL channel walers? If so, what are the dimensions of the cap plate?</p> <p>C In connection with Question 5B. How are each of the waler chair plates connected to the sheet piles and the 5.5" wide plate?</p>	<p>See answer to Question 10. Spacing between plates should be 3.5" (inside to inside) to allow for an anchor sleeve.</p> <p>This is a front elevation view.</p> <p>No cap plate is required.</p> <p>Angled chairs are welded to the bearing plate (fillet welds all around). The bearing plate is welded to the sheet pile (fillet weld all around). Except at intermediate locations where 2 side fillets are acceptable.</p>
<p>12</p> <p>Section (6/RW-2) Waler Connection Detail – Elevation. A 1" bar stock is shown to be spaced at 18" max along the top flanges of the DBL Channel Walers. Is the 1" the width or thickness or both? What is the width or thickness if not 1"?</p>	<p>Width is 1" and thickness shall be ¼".</p>
<p>13</p> <p>A Concerning the ¼"x 6" Nelson Studs (See Section (2/RW-2) and Section (7/RW-2)) The spacing is shown to be 36" o.c. for the Nelson studs for each section. If the studs are only to be welded to the protruding sheet pile faces, then the 36" spacing will not work since the sheet pile protruding joint connections are spaced at 55.12" o.c. Is that the case or can the studs be welded to the indented sheet pile face as well?</p> <p>B If only to be welded to the protruding sheet pile face, will a larger size Nelson stud be required or quantity increased for the ¼"x 6" Nelson Stud?</p>	<p>The Nelson studs do NOT have to be on the protruding face and may be welded to the indented face. It should be reworded as 36" max spacing to accommodate any obstruction due to the anchors.</p> <p>See answer to 13A.</p>
<p>14</p> <p>A Concerning the installation of the steel sheet piles Typically when driving sheet piles of this length, the sheet piles have a tendency to lean. If and when this lean occurs, can we overlap the sheet piles to get the sheeting alignment corrected as needed?</p> <p>B In case the sheet piles cannot be driven any further due to rock or other obstructions prior to Minimum Tip Elevation 777.2', what is the plan/procedure to get the sheet piles down to the minimum tip elevation?</p>	<p>This is acceptable. Pay Items does 6b, Sheet Pile Driven, will make no allowance for overlap piles.</p> <p>If minimum depth cannot be achieved with conventional driving methods the owner will consider this a changed condition. The revised bid form includes an alternate for predrilling mobilization and predrilling (Bid Items 13 and 14). This unit rate will be utilized in the evaluation of a change order if predrilling is required. Owner, A/E and Geotechnical engineer will have to approve the requirement for predrilling.</p>
<p>15</p> <p>Concerning the closing of the existing greenway pavement during construction activities. In order to comply with MUTCD standards portable concrete barrier rail will need to be placed at the edge of the roadway pavement and this will completely block the greenway. Will a temporary path be needed for pedestrians to use during construction and if so do you have a design or location?</p>	<p>Contractor will not be required to provided an allowance for thru pesdesrian traffic in their work area layout. City of Oak Ridge will coordinate the closure of the greenway for the work area.</p>

FY2016-180 BID FORM

Project: Oak Ridge Rowing Course – Site Improvements

In compliance with the Invitation for Bids, dated May 10, 2016, the undersigned Bidder:

* a corporation organized and existing under the laws of the State of: _____

* a partnership consisting of: _____

*an individual trading as: _____

(*fill in as appropriate)

of the City of _____ in the State of _____ agrees that if this bid is accepted as hereinafter provided, it will furnish all labor, materials, supplies, tools, and equipment necessary to perform all work and services described in the Invitation for Bid and Instructions to Bidders, in strict accordance with the terms and provisions of the Contract attached thereto.

If written Notice of Award is received, the Bidder agrees to furnish to the City of Oak Ridge, within ten (10) working days after receipt of said Notice of Award, the Completion and Performance Bond; Labor and Material Bond or other suitable securities; and required insurance certificates naming the City of Oak Ridge as an additional insured.

Bidder acknowledges receipt the following addenda:

Bidder understands that the City reserves the right to reject any or all bids and to waive any informality in the bidding.

Bidder agrees that this bid shall be good for a period of ninety (90) days from the date of opening. The successful bidder shall sign and return the contract for this project within ten (10) days of receipt from the City at which time this Bid Form will be incorporated by reference and said unit prices will be the unit prices used for payment under the contract.

**FY2016-180 BID FORM
(continued)**

Item No.	Description	Unit	Est. # of Units	Unit Price	Item Total
BID SCHEDULE					
Oak Ridge Rowing Course – Site Improvements					
1	Mobilization/Demobilization. Total cost to travel, set-up job trailer(if required), commence construction activities, and close-out constructions activities.	LS	1	\$	\$
2	Earthwork. Total cost to furnish all labor, materials, equipment, and services to excavate, backfill, and compact soil for sheet pile wall.	LS	1	\$	\$
3	Erosion Control. Total cost to furnish all labor, materials, equipment, and services to install the erosion control measures as shown on the plans and specified herein, for both the project location and the project spoil location.	LS	1	\$	\$
4	Topsoil & Seeding. Total cost to furnish all labor, materials, equipment, and services to provide the topsoil and seeding as shown on the plans and specified herein.	LS	1	\$	\$+
5	Dredging. Total cost to furnish all labor, materials, equipment, and services to dredge the required materials as shown on the plans and specified herein.	LS	1	\$	\$
Unit Price Items, As Directed by the Engineer					
6a	Sheet Pile Delivered (Material Only). Payment for providing and delivering acceptable piling for this work. Unit is SF based on multiplying wall length by the length of sheet required.	SF	17,130	\$	\$
6b	Sheet Pile Driven. Payment for piling driven is full compensation for driving, cutoff, and disposing of cutoffs. Units are SF of wall face from tip to cutoff.	SF	15,800	\$	\$
7	Sheet Pile Wall - Tie Back Anchoring. Includes all labor, materials, and equipment, etc., to install tie back anchoring system for sheet pile wall, as shown on the plans and specified herein.	LF	2,950	\$	\$
8	Rip-Rap. Includes all labor, materials, and equipment, etc., to install rip-rap for slope stabilization, as shown on the plans and specified herein.	Ton	10	\$	\$

9	Greenway Pavement. Includes all labor, materials, and equipment, etc., to replace the greenway trail that was removed or damaged by construction activities. Typical sections, details, and alignment of greenway pavement is shown on the plans, and specified herein.	LF	600	\$	\$
10	Mineral Aggregate Base. Includes all labor, materials, and equipment, etc., to replace any damage to the gravel vehicular pull-off area between Melton Hill Drive and the Greenway Trail due to construction activities.	Ton	165	\$	\$
11	Safety Railing. Includes all labor, materials, and equipment, etc., to install safety railing along the top of new sheet pile wall.	LF	575	\$	\$
12	Concrete Cap. Includes all labor, materials, and equipment, etc., to install concrete cap along the top of new sheet pile wall.	LF	571	\$	\$
Total of Bid				\$	

Total Bid Price (from previous page)

Oak Ridge Rowing Course - Site Improvements \$ _____

_____ Dollars and _____ Cents

Alternate 1 - Bid Items for Change Consideration

Item No.	Description	Unit	Est. # of Units	Unit Price	Item Total
BID SCHEDULE					
Oak Ridge Rowing Course – Site Improvements					
13	Pre Drilling Mobilization. Total cost to travel, set-up, commence pre drilling activities.	LS	1	\$	\$
14	Pre Drilling. Total cost to furnish all labor, materials, equipment, and services to perform this pile installation aid procedure.	LF	1	\$	\$

Bidder acknowledges receipt of the following addenda:

Addendum No. _____ Date: _____

Bidder attests that no officers or employees of the City of Oak Ridge are members of, or have financial interest in, the business submitting this bid.

By: _____
Signature

Telephone #: _____

Name: _____

Fax #: _____

Title: _____

Email: _____

Business
Name: _____

Date: _____

Mailing
Address: _____

Physical
Address: _____

Tax ID Number: _____

NOTE: In accordance with the Invitation to Bid, the following attachments are required: a Bid Bond in the amount of ten percent (10%) of the total bid price and at least three (3) references.

PART 1 - GENERAL

SCHEDULE 0 -

Measurement for payment on a unit price basis shall be as described below. Payment for each unit installed shall be made according to the unit price bid, as listed in the Bid Form. Only those items appearing in the Bid Form will be considered for payment on a unit price basis.

SCHEDULE 1 -

Even though an item of work is included in the technical Specifications, if it is not both covered herein and specifically itemized in the Bid Form, payment for it shall not be separately made. Such work shall be considered a necessary part of or incidental to its related work.

The quantities set forth in the Bid Form are approximate and are given to establish a uniform basis for the comparison of Bids. The Owner reserves the right to increase or decrease the quantity of any class or portion of the work during the progress of construction in accordance with the terms of the Contract. Unit prices are used as a means of computing the final figures for Bid and Contract purposes, for periodic payments for work performed, for determining value of additions or deletions, and wherever else as is reasonable.

Payment will be made on the basis of work actually performed, completing each item in the Contract, such work including, but not limited to, the furnishing of all necessary labor, materials, equipment, transportation, clean up, and all other appurtenances to complete the construction, installation, testing, and start-up of the work to the configuration and extent as shown on the Project Plans and as described in the Specifications.

Notwithstanding any other Sections, paragraphs, sentences, or words in the Contract Documents, payments shall not be made for work not performed, materials not supplied and/or any other item/items for which the Owner does not receive the benefit described or intended.

1.01 BID FORM ITEM NO. 1, MOBILIZATION & DEMOBILIZATION

- A. Payment for full mobilization of manpower and equipment to the site along with construction of all temporary facilities – 60% of Lump sum price; Full demobilization of manpower and equipment and removal of temporary facilities, waste materials, debris, and restoration of the site – 40% of lump sum price.

The Contractor will be responsible for obtaining City of Oak Ridge permits. Cost of permits shall be included in the lump sum unit price for mobilization. A City of Oak Ridge Land Disturbance Permit will be required. The Contractor will only be paid for a single mobilization for this Project.

1.02 BID FORM ITEM NO. 2, EARTHWORK

- A. General excavation for the sheet pile wall shall be paid for as a Lump Sum item. Stripping topsoil within the project limits and stockpiling topsoil at the proposed site is included in this Bid Form Item. Topsoil stockpiles shall be neatly dressed. This price shall be full compensation for the removal and satisfactory disposal of any excavated material from behind the wall site in accordance with the Drawings and Specifications and for all work incidental thereto, including the furnishing of all labor, materials, and equipment required to complete the item. Rip rock and blast rock are also considered part of this of Bid Form Item and are considered unclassified excavation.

1.03 BID FORM ITEM NO. 3, EROSION CONTROL

- A. Payment will be made at the contract lump sum price as shown in the Bid Form for providing of all erosion control measures for the wall site and spoil area as shown in the plans, and required by TDEC or the City of Oak Ridge. The erosion control measures shall remain in place for as long as necessary to stabilize the site and the contractor shall return to remove the measures at the appropriate time as approved by the Owner or Engineer.

1.04 BID FORM ITEM NO. 4, TOPSOIL AND SEEDING

- A. Payment will be made at the contract lump sum price as shown in the Bid Form for placing and spreading topsoil as shown on the Plans, and in the Specifications.

1.05 BID FORM ITEM NO. 5, DREDGING AND SPOIL

- A. Payment will be made at the contract lump sum price as shown in the Bid Form for dredging. The price shall include dredging, hauling, spoil placement, and all equipment and material costs, and all other incidental operations. The spoil stockpile shall be located at the proposed spoil site, or other approved spoil location, and is included in this Bid Form Item. This price shall be full compensation for the removal and satisfactory disposal of the dredged material in accordance with the Plans and Specifications. Such payment shall constitute full reimbursement for all work necessary to complete the Work.

1.06 BID FORM ITEM NO. 6a and 6b, SHEET PILE

- A. Sheet Pile Delivered (Material):
The project will measure Sheet Pile Delivered by the square foot acceptably complete. The project will obtain quantity by multiplying the length of the wall the plans show by the length of sheeting required. Payment for Sheet Pile Delivered is full compensation for providing and delivering acceptable piling for this project.
- B. Sheet Pile Driven:
The project will measure Sheet Pile Driven by the square foot acceptably completed. The project will measure the area of the wall from sheet pile tip elevation to the top cutoff. The project will make no allowance for overlap piles. Payment for Sheet Pile Driven is full compensation for driving, cutting off, and disposing of cutoffs.

1.07 BID FORM ITEM NO. 7, SHEET PILE WALL – TIE BACK ANCHORING

- A. Payment will be made at the contract unit price per linear foot (lf) of anchoring as shown in the Bid Form for providing installation of drilled anchors to bedrock for the sheet pile wall as shown on the Plans, and in the Specifications.

1.08 BID FORM ITEM NO. 8, RIP-RAP

- A. Payment will be made at the contract unit price per ton as shown in the Bid Form for providing of stone material and placement of rip rap as required to provide stabilization for channels as shown on the Plans, and Specifications. Maintenance of installed rip rap shall be incidental to the work and included in the unit price bid for this item.

1.09 BID FORM ITEM NO. 9, GREENWAY PAVEMENT

- A. Payment will be made at the contract unit price per linear foot (lf) as shown in the Bid Form for providing the replacement of the greenway pavement section to original conditions as shown on the Plans. This price includes any required stone base for the pavement section. Greenway pavement replacement shall be limited to only the areas that are damaged by construction activities.

1.10 BID FORM ITEM NO. 10, MINERAL AGGREGATE BASE

- A. Payment will be made at the contract unit price per ton as shown in the Bid Form for providing mineral aggregate base stone and placement of mineral aggregate base stone as required to restore the roadway shoulder to original conditions. Maintenance of installed mineral aggregate base stone shall be incidental to the work and included in the unit price bid for this item.

1.11 BID FORM ITEM NO. 11, SAFETY RAILING

- A. Payment will be made at the contract unit price per linear foot (lf) as shown in the Bid Form for providing the safety railing behind the sheet pile wall as shown on the Plans.

1.12 BID FORM ITEM NO. 12, CONCRETE CAP

- A. Payment will be made at the contract unit price per linear foot (lf) as shown in the Bid Form for providing the concrete cap on top of the sheet pile wall as shown on the Plans.

1.13 BID FORM ITEM 13, Predrilling Mobilization

- A. Payment for full mobilization of manpower and equipment to the site for predrilling. Owner, A/E and Geotechnical engineer will have to approve the requirement for predrilling prior to change order adjustment.

1.14 BID FORM ITEM 14, Predrilling

- A. Payment for predrilling includes full compensation for providing labor, equipment, and materials needed to perform these pile installation aid procedure. Owner, A/E and Geotechnical engineer will have to approve the requirement for predrilling prior to change order adjustment Payment will be made per LF of predrilling.

END OF SECTION