

ADDENDUM #2

ISSUED BY EDiS COMPANY
110 S. POPLAR STREET, WILMINGTON, DE 19801

**The bid due date remains unchanged.
Bids are being received until 2:00 p.m. on Thursday, June 8, 2017.**

NOTICE: Attach this addendum to the Project Manual for this project. It modifies and becomes a part of the Contract Documents. Work for materials not specifically mentioned herein are to be as described in the main body of the specifications and as shown on the Drawings. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATION REVISIONS

- a) Specification Section 011100 : Contract A-01, Sitework
- o Page 9 - Add Bullet #30, *"Immediately following the completion of this contract's work, this contractor will walk the site with the design team and CCR to review the erosion and sediment controls. This contractor will make any necessary repairs to the erosion and sediment controls before this contract will be closed out and retainage paid."*
 - o Page 9 - Add Bullet #31, *"This contractor is responsible for removal of the soils from the overburden stockpile and bulk grading of the site as stated on Sheet CE-14, Construction Staging Note F. Sequencing of this removal is as follows:*
 - i. *Strip topsoil from the top of the overburden stockpile area and place in topsoil stockpile area shown on the drawings.*
 - ii. *Remove soils from overburden stockpile down to the original grades and store in the three stockpile areas shown.*
 - iii. *Remove topsoil from the building pad areas (overburden stockpile was original laid on top of existing topsoil).*
 - iv. *Utilizing soils from the three stockpile areas, grade the building pads to the elevations shown on the drawings. This contractor is responsible for working with the materials (scarifying, raking, spreading, tilling, aerating, etc.) to ensure that the building pads meet the compaction requirements set forth in the project documents. The building pads are to be crowned to ensure proper runoff during rain events.*
 - v. *Utilizing the remaining soils in the three stockpiles, this contractor is to bulk grade the remainder of the site as shown on the project drawings in accordance with the Construction Staging Notes F - 1 through 6.*
 - vi. *It is the intent of this contract to utilize all of the soils from the surcharge area on site. None of the soils need to be removed from the site nor should additional soils be imported. If there is insufficient soils on site after completion of the bulk grading, the deficient areas will be reviewed with the design team and the contours adjusted to allow for the lack of soils on site. If there are excess soils, this contractor will spread the soils to new contours as reviewed with the design*

team. Any modifications to the proposed contours on the project documents will be memorialized in the as-built survey being provided by this contractor as required in Construction Staging Note J.

DRAWINGS REVISIONS

Civil Drawings

- a) Drawing CE-14 : Insert attached civil sketch; C-715 into the project document.

RESPONSES TO REQUESTS FOR INFORMATION

1. I found liquidated damages mentioned in the reference to forfeiting the bid bond but no other notations in bid docs. Is it safe to assume there are no monetary liquidated, consequential or actual damages?
 - a. This is correct, there are no liquidated damages adhered to this contract.
2. Do the contours on the drawings represent what we are to grade to or do we allow for replacing topsoil and how much topsoil?
 - a. The new contours on the drawings represent the final grades at completion of this contract. All existing topsoil in areas of bulk grading is to be stored and temporarily stabilized in the topsoil stockpile area shown.
3. There was discussion at pre-bid about using the onsite stockpile to balance the site. It was stated that the stockpile is a mixture of material. How do we quantify how much of the stockpile is structural fill or can we use the stockpile in all areas?
 - a. As stated in the scope of work Bullet #31 added in this addendum, this contractor is responsible for working with the soils found in the overburden stockpile to ensure that the areas of bulk grading meet the compaction requirements set forth in the project documents.
4. Item 17 again refers to balancing site with onsite material. The stockpile may me a sufficient quantity but how do we know the material will meet requirements?
 - a. As stated in the scope of work Bullet #31 added in this addendum, this contractor is responsible for working with the soils found in the overburden stockpile to ensure that the areas of bulk grading meet the compaction requirements set forth in the project documents.

5. A clay core is shown on drawing CE-18 with a note saying unless situ soils meet permeability, has the geotech tested onsite material made the decision on a clay core being needed?
 - a. No geotechnical testing has been done in this area. For bidding purposes, the contractor is to assume a clay core is needed. Contractor is to include cost for soil evaluation in this area by a geotechnical engineer registered in the State of Delaware. Should the testing determine that on-site material meets the permeability requirements, then a deduct shall be issued for the cost of the clay core.

6. Sitework scope item #8 says to furnish and install select fill under slab, at pre-bid we are to use stockpile to balance site, can this be clarified?
 - a. Importing of select fill for areas under slab will not be required. Per the construction notes, this contractor is either utilize soils found in the overburden stockpile or mine and utilize soils from the B1 and B2 stratum in other areas of bulk grading to utilize for fill at foundations and slabs-on-grade. Contractor is to provide compaction as delineated in the construction notes.

7. Are we responsible for replacing topsoil?
 - a. No. All topsoil removed from site is to be stored and temporarily stabilized in the topsoil stockpile shown on the project documents. All areas of bulk grading are to be graded to the new contours shown on the project drawings and this contractor will provide temporary seed and mulch as delineated in the vegetative stabilization notes found on Sheet CE-15.

8. Are we to seed the entire site as we meet the grades?
 - a. Yes, as stated in the Construction Staging notes on Sheet CE-14; this contractor is responsible for providing temporary seed and mulch as delineated in the vegetative stabilization notes found on Sheet CE-15.

9. There is insufficient information on the trash rack for pricing, is this being addressed in the addendum?
 - a. Please see new details provided with the updated Drawing CE-18 issued with Addendum #1.

ATTACHMENTS

- Civil Sketch C-715 : Revised Construction Staging Notes

END OF ADDENDUM #2

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E. ALL PERIMETER CONTROLS MUST BE INSTALLED, STABILIZED, INSPECTED BY THE CCR AND DNREC PRIOR TO BULK GRADING. PRIOR TO THIS PRE-CONSTRUCTION SITE INSPECTION, NO DISTURBANCE MAY OCCUR ON-SITE OTHER THAN THOSE AREAS NECESSARY TO ESTABLISH THE PERIMETER EROSION AND SEDIMENT CONTROLS. ALL PERIMETER CONTROLS, INCLUDING SOIL STOCKPILES, SHALL BE VEGETATIVELY STABILIZED IN ACCORDANCE WITH DNREC REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

F. UPON SATISFACTORY PRE-CONSTRUCTION SITE INSPECTION BY THE AGENCY CONSTRUCTION SITE REVIEWER, COMMENCE RELOCATION OF MATERIAL FROM THE OVERBURDEN STOCKPILE AREA TO THE THREE (3) NEW STOCKPILE LOCATIONS SHOWN. INSTALL SILT FENCE AROUND EACH STOCKPILE AND PROVIDE VEGETATIVE STABILIZATION AS REQUIRED. THIS MATERIAL IS THEN TO BE USED IN THE ADJACENT BUILDING PAD AREAS TO BRING THEM UP TO GRADE.

G. COMMENCE BULK GRADING FOR FUTURE BUILDING PADS, ACCESSWAYS, SPORTS FACILITIES AND PARKING AREAS, ETC. USING THE REMAINDER OF THE OVERBURDEN STOCKPILE AND OTHER STOCKPILED MATERIAL TO BULK GRADE THE SITE AS SHOWN. CONTRACTOR TO PLACE MATERIAL IN MAXIMUM 8" LIFTS AND ENSURE THAT SUBGRADE REQUIREMENTS ARE MET. MINIMUM COMPACTION AS DEFINED BY STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM-D698) SHALL BE:
BUILDING AND PAVEMENT SUBGRADE: 95 PERCENT
SIDEWALK AND LAWN SUBGRADE: 90 PERCENT

BULK GRADING OF AREAS SHALL BE PERFORMED AS FOLLOWS:

1. STRIP TOPSOIL FROM AREAS DRAINING TO SEDIMENT TRAPS # 1 & #6 AND STOCKPILE IN ACCORDANCE WITH STOCKPILE DETAIL. BULK GRADE THIS AREA IN ACCORDANCE WITH PLAN GRADES AND PLACE TOPSOIL, SEED AND MULCH ON ALL DISTURBED AREAS IN ACCORDANCE WITH DETAILS BEFORE DISTURBING ADDITIONAL AREA. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

2. STRIP TOPSOIL FROM AREA DRAINING TO SEDIMENT TRAP #2 AND STOCKPILE IN ACCORDANCE WITH STOCKPILE DETAIL. BULK GRADE THIS AREA IN ACCORDANCE WITH PLAN GRADES AND PLACE TOPSOIL, SEED AND MULCH ON ALL DISTURBED AREAS IN ACCORDANCE WITH DETAILS BEFORE DISTURBING ADDITIONAL AREA. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

3. STRIP TOPSOIL FROM AREA DRAINING TO SEDIMENT BASIN #8 AND STOCKPILE IN ACCORDANCE WITH STOCKPILE DETAIL. BULK GRADE THIS AREA IN ACCORDANCE WITH PLAN GRADES AND PLACE TOPSOIL, SEED AND MULCH ON ALL DISTURBED AREAS IN ACCORDANCE WITH DETAILS BEFORE DISTURBING ADDITIONAL AREA. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

4. STRIP TOPSOIL FROM AREAS DRAINING TO SEDIMENT TRAPS #3 & #4 AND STOCKPILE IN ACCORDANCE WITH STOCKPILE DETAIL. BULK GRADE THIS AREA IN ACCORDANCE WITH PLAN GRADES AND PLACE TOPSOIL, SEED AND MULCH ON ALL DISTURBED AREAS IN ACCORDANCE WITH DETAILS BEFORE DISTURBING ADDITIONAL AREA. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

5. STRIP TOPSOIL FROM AREAS DRAINAGE TO SEDIMENT TRAPS #5 & #7 AND STOCKPILE IN ACCORDANCE WITH STOCKPILE DETAIL. BULK GRADE THIS AREA IN ACCORDANCE WITH PLAN GRADES AND PLACE TOPSOIL, SEED AND MULCH ON ALL DISTURBED AREAS IN ACCORDANCE WITH DETAILS. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

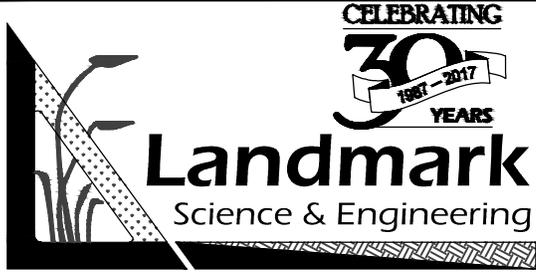
6. TOPSOIL SEED AND MULCH ANY REMAINING DISTURBED AREAS AND IN ACCORDANCE WITH DETAILS. CONTRACTOR IS RESPONSIBLE FOR WATERING SEEDED AREAS AS NECESSARY TO ACHIEVE THE REQUIRED VEGETATIVE STABILIZATION.

H. CONTRACTOR IS TO ENSURE THAT ALL RUNOFF IS DIRECTED TOWARD THE PROPER SEDIMENT CONTROL MEASURES PREVIOUSLY INSTALLED. CONTRACTOR IS NOT TO REMOVE ANY TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES MEASURES WITHOUT WRITTEN AUTHORIZATION FROM DNREC.

I. PERIODICALLY MAINTAIN THE PERIMETER CONTROL MEASURES, AS NEEDED. THE CONTRACTOR SHALL AT ALL TIMES PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF OR WIND DEBRIS FROM LEAVING THE SITE. PERIMETER CONTROLS ARE TO BE CHECKED DAILY AND ADJUSTED AND/OR REPAIRED AS REQUIRED TO FULLY CONTAIN AND CONTROL SEDIMENTATION ON THE SITE. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN WHEN IT HAS REACHED HALF OF THE EFFECTIVE CAPACITY OF THE CONTROL. IN ADDITION, THE CONTRACTOR MAY NEED TO ADJUST OR REPAIR MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE DELEGATED AGENCY.

J. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN (OTHER THAN SILT FENCE AROUND STOCK PILES) ARE TO REMAIN IN PLACE FOR CONTINUED USE DURING SITE CONSTRUCTION. SHOULD THE CONTRACTOR WISH TO REMOVE ANY MEASURES, WRITTEN AUTHORIZATION FROM DNREC IS REQUIRED.

K. UPON COMPLETION OF BULK GRADING, AN AS-BUILT SURVEY OF THE SITE IS TO BE PERFORMED. SITE AS-BUILT IS TO BE COORDINATED WITH AND PERFORMED USING THE SERVICES OF THE ENGINEER OF RECORD.



BULK GRADING PLANS
ADDENDUM #2 EXHIBIT
FOR
FAIRVIEW CAMPUS

C-715