SECCRA Community Landfill

Rt 41 Borrow Area Soil Removal and Erosion Control Devices SECCRA Community Landfill 219 Street Rd West Grove, PA 19390 ADDENDUM No. 3 December 4, 2014

- A. Addendum No. 3 is issued as part of the Contract Document, to inform and/or specify changes, which take precedence over information contained in the original Contract Documents. Unless otherwise specifically noted or specified hereinafter, or shown on drawings or schedules accompanying this Addendum, all work required by this Addendum shall conform to the applicable provisions of the Contract Documents. It shall be the responsibility of the Respondent to include in their proposal any cost implications of this Addendum. All Respondents are to indicate on the form of proposal submitted by them, acknowledgement of receipt and compliance with the contents of this Addendum No. 2.
- **B.** Any provision in any of the Contract Documents, which may be in conflict or be inconsistent with the contents of this Addendum, shall be void to the extent of such conflict or inconsistency.
- **C.** The following items are to be replaced in the Bid Document:
 - C.1.Technical Specification Section 6.1 pages 1 of 9 to and including 9 of 9, dated 12/3/14 to be replaced with Technical Specification Section 6.1 pages 1 of 9 to and including 9 of 9, dated 12/4/14.
 - **C.2.** Bid Form Section 9.9 pages 1 of 4 to and including 4 of 4, dated 12/3/14 to be replaced with Bid Form Section 9.9 pages 1 of 4 to and including 4 of 4, dated 12/4/14.

END ADDENDUM NO. 3

DIVISION 01000

GENERAL REQUIREMENTS

1.1 CONSTRUCTION DOCUMENTS

The construction documents include all applicable drawings and specifications within these Contract Documents. The intent of these documents is to have the CONTRACTOR include in his price all items to completely finish the work. Any aspects of the Work which are not clearly defined by these specifications shall be governed by the rules of the best prevailing practice in the area of the Work for that class of Work as determined by the ENGINEER. All work for this contract shall follow the requirements of the Highway Occupancy Permit (approved by PENNDOT) and the Erosion and Sediment Control Plan and accompanying NPDES Permit (approved by the Chester County Conservation District). Copies of the approved permits are attached to the Bid Specifications. These Technical Specifications are a part of the contract. In cases of any conflict the more stringent standard (in the Construction Manager's sole opinion) shall rule. It is the Contractor's responsibility to ensure compliance with the Prevailing Wage Rate requirements of the state of Pennsylvania.

1.2 PROJECT AREA

- **1.2.1** The limits of disturbance for each phase of the Speakman Property Soil Borrow Area are indicated on the Drawings. All surveys related to construction of this project shall be performed by a professional land surveyor licensed in the Commonwealth of Pennsylvania at the expense of the CONTRACTOR. As-built survey will be performed by the Owner's surveyor. Any discrepancies between the staked locations and the locations or alignments indicated on the drawings are to be brought to the attention of the CONSTRUCTION MANAGER prior to proceeding with construction.
- **1.2.2** The Soil Borrow Area, erosion and sediment controls, haul roads, stockpile areas at the landfill site and other features shown on the contract drawings may be modified by the CONTRACTOR to avoid surface or subsurface obstructions or impractical working conditions, provided, however, that approval is first obtained from the CONSTRUCTION MANAGER.

1.3 REFERENCES

Bid Specifications

Bid Form Section 9.9

Erosion and Sediment Control Plan Permit Approval dated July 17, 2012 and reissued September 10, 2014.

PennDot Highway Occupancy Permit, dated 3/8/11 including most current edition. Anything not covered in the Technical Specifications, will default to the current Edition of the PENNDOT Publication 408.

1.4 MEASUREMENT AND PAYMENT

A. GENERAL CONDITIONS

1. Pay Item 1100 - Bonds:

This item is priced at a lump sum and is to cover the CONTRACTOR'S expense of completely bonding the Work as described within the Contract Documents.

2. Pay Item 1200 - Mobilization/Demobilization:

Priced at a lump sum and is to cover the cost to mobilize and demobilize to/from the site all equipment(s), construction crew(s) and general site needs (i.e portable toilets, survey, etc..) to completely accomplish the Work as described within the Contract Documents. This item includes, but not limited to, a weekly construction meeting and any meeting required by a regulatory agency or as requested by the Construction Manager.

The supply and installation of the Temporary Gate (2- 3" steel posts with a 2" cross arm and lockable) is to be included in this item.

3. Pay Item 1300 - Penn Dot Route 41 Entrance Paving

Priced at lump sum and is to cover all costs for all required to complete the entrance on Route 41 per the Penn Dot Highway Occupancy Permit. Following Penn DOT specification for installation. Including but not limited to, traffic control and coordination with Penn DOT.

B. EARTHWORK FOR BORROW AREA

4. Pay Item 2100 - Excavation:

Excavation (cut) is priced per cubic yard of soil removed from the borrow area and hauled to the designated stockpile area. Pay Item 2100 for excavation shall be measured in place by survey prior to excavation, but after topsoil removal. Material shall be excavated to achieve proposed grades (within 6 inches +/-) as detailed in the Contract Documents. The price includes excavation, loading and hauling of all excavated material from area of the borrow area to the designated stockpile areas either in work area or at the landfill. All costs for stockpiling, stabilization and maintenance of stockpiles is to be included in this pay item. The CONTRACTOR shall use On-Road trucks for hauling from the Borrow Area to the designated stockpile area at the Landfill. The stockpiling of material in the designated areas at the Landfill by the CONTRACTOR shall include supplying the Landfill with material for cover. On average, the Landfill will require 150 cubic yards per day for cover at a place and time requested by the Owner (within Owner's normal working hours). The material that is supplied to the Landfill for cover shall be delivered to an area of the landfill as directed by the CONSTRUCTION MANGER. Material that is measured for payment under Item 2100 shall not be considered for payment under any other item (i.e. Fill Material). Survey for quantity purpose will be by the owner. The Contractor may choose to also survey the area, but this is at the contactors expense.

5. Pay Item 2110 - Fill Material:

Fill Material is priced per cubic yard of soil placed as fill to achieve the proposed grading as detailed in the Contract Drawings. Pay Item 2110 for placement of fill material shall be measured in place, by means of a survey. The placement of Fill Material shall include excavation, loading, hauling, conditioning and placing the material. Any cost, which may be incurred to condition the soil, will be the responsibility of the CONTRACTOR. Fill material may be sourced onsite. Material

that is measured for payment under Item 2110 shall not be considered for payment under any other item (i.e. Excavation). As with Item 2100, the Owner will perform a quantity survey.

The specific requirements for borrow material to be used for fill are outlined in Division 06000, PART 2- MATERIALS.

6. Pay Item 2120 - Topsoil Remove:

Topsoil Removed is priced per square yard of topsoil removed from the areas to be disturbed prior each phase of bulk grading. The price includes stripping the available topsoil in the areas to be disturbed. The price also includes loading, hauling and stockpiling the topsoil as described in the Contract Drawings. Any cost, which may be incurred to condition or amend the topsoil, will be the responsibility of the CONTRACTOR. The CONTRACTOR shall haul all materials to and from the working area unless otherwise specified. Depth of topsoil will be at the sole direction of the Construction Manager.

7. Pay Item 2130 - Topsoil Place:

Topsoil Placed is priced per square yard of topsoil placed in areas where final grades have been achieved to establish required stabilization. The price also includes loading, hauling and placing the topsoil. Any cost, which may be incurred to condition or amend the topsoil, will be the responsibility of the CONTRACTOR. The CONTRACTOR shall haul all materials to and from the working area unless otherwise specified. As with Item 2100, the Owner will perform a quantity survey.

Topsoil shall be primarily sourced on site. If the quantity of topsoil required for placement exceeds the quantity available onsite, topsoil can be sourced offsite, or can be made from onsite materials combine with compost available on the Landfill property, all costs associated with processing material shall be on the Contractor. If the quantity of Topsoil available for placement exceeds what it required, it shall be stockpiled per the direction of the CONSTRUCTION MANAGER. Topsoil sourced offsite must be approved by the CONSTRUCTION MANAGER. Topsoil material shall meet the specific requirements outlined in Division 06000, PART 2-MATERIALS.

C. EROSION CONTROL

8. Pay Item 3100 - Filter Fence (18" High)

The installation of Filter Fence shall be priced per linear feet installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance and removal of the fence as indicated by the detailed sequence of construction on the Contract Drawings.

9. Pay Item 3110 - Super Filter Fence (36" High)

The installation of Super Filter Fence shall be priced per linear feet installed and

is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance and removal of the fence as indicated by the detailed sequence of construction on the Contract Drawings.

10.Pay Item 3120 - Safety Fence

The installation of Safety Fence shall be priced per linear feet installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance and removal of the fence as indicated by the detailed sequence of construction on the Contract Drawings. Safety Fence shall be installed at a minimum height of 3 feet with supporting posts spaced at a minimum interval of 25 feet.

11. Pay Item 3130 - Install Haul Road

The installation of Haul Road shall be priced per linear feet installed as indicated and detailed in the Contract Drawings. Installation of the Haul Road is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance throughout the duration of the project. All necessary excavation to complete the haul road is to be included with this pay item. The Haul Road is to stay in-place and in acceptable condition to the Owner at the end of the project.

12. Pay Item 3140 – Maintenance of Haul Roads – Stage 1 to 3

The maintenance of the Haul Roads shall be priced on a lump sum basis. Maintenance is inclusive of all labor, equipment and materials to perform continual maintenance (ie. sweeping, dust control grading, etc.) throughout the duration of the project. Pay Item 3130 will require the contractor to keep all paved portions of the haul route free of debris with a **vacuum type sweeper** as required by the CONSTRUCTION MANAGER. The sweeper must be approved by the CONSTRUCTION MANAGER.

13. Pay Item 3145 - Maintenance of Haul Roads - Stage 4

The maintenance of the Haul Roads shall be priced on a lump sum basis. Maintenance is inclusive of all labor, equipment and materials to perform continual maintenance (ie. sweeping, dust control grading, etc.) throughout the duration of the project. Pay Item 3130 will require the contractor to keep all paved portions of the haul route free of debris with a **vacuum type sweeper** as required by the CONSTRUCTION MANAGER. The sweeper must be approved by the CONSTRUCTION MANAGER.

14. Pay Item 3210 - Erosion Control Matting

The installation of Erosion Control Matting shall be priced per square yards installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance. Erosion control matting shall be Type B, as described by the Contract Drawings.

15. Pay Item 3215 - Erosion Control Blanket

The installation of Erosion Control Matting shall be priced per square yards installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance. Erosion control matting shall be type ECS-1 by East Coast Erosion Blankets, LLC or approved equal.

16. Pay Item 3300 - Rock Filter

The installation of Rock Filters shall be priced per each installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance and removal of the rock filter as indicated by the detailed sequence of construction on the Contract Drawings.

17. Pay Item 3310 - Rock Construction Entrance

The installation of Rock Construction Entrances shall be priced per each installed and is inclusive of all labor, equipment and materials (including filter fabric) to perform the work & inclusive of continual maintenance and removal of the rock construction entrance as indicated by the detailed sequence of construction on the Contract Drawings, including excavation. The installation of geotextile for the rock construction entrance as detailed on the Contract Drawings shall be considered incidental work under Pay Item 3310.

18. Pay Item 3320 - Diversion Channel

The installation of the Diversion Channel shall be priced per linear foot installed and is inclusive of all labor, equipment and materials (including seeding, erosion control matting and **rip rap**) to perform the work & inclusive of continual maintenance as indicated by the detailed sequence of construction on the Contract Drawings. The Excavation that is required to construct the Diversion Channel will be paid for under Item 2100.

19. Pay Item 3330 – Swale, Conveyance Channel and Temporary Channel Δ

The installation of the permanent Swales 1 and 2 be priced per linear foot installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance as indicated by the detailed sequence of construction on the Contract Drawings. The excavation and lining that is required to construct this item, will be paid for under other Items.

20. Pay Item 3400 - Erosion Control and Seeding:

Erosion Control and Seeding is priced on a lump sum basis. CONTRACTOR is responsible for the seeding, fertilizing, and mulching of any disturbed areas to meet or exceed 95% grass cover. This task shall consist of the minimum requirements: seeding, mulching and fertilizer to provide a dense vegetative growth. CONTRACTOR must also verify proper erosion control measures are in place during construction and to optimize reseeding efforts. The CONTRACTOR will be required

to warranty the growth of seeding applied for this contract for a period of one year after the establishment of final stabilization.

21. Pay Item 3410 - Temporary Mulch Application:

Temporary Mulch Application is priced per square yard. CONTRACTOR is responsible for the mulching of any disturbed areas during non-germinating periods as determined appropriate by the CONSTRUCTION MANAGER. The CONTRACTOR shall be responsible for protecting an maintaining the area where mulch has been applied until conditions exist that are favorable for germinating. **Stockpile areas are not included in this item.**

22. Pay Item 3500 - Rip Rap Energy Dissipaters, Aprons & Spillways (R4):

The installation of Rip Rap (Type R4) Energy Dissipaters, Aprons and Spillways is priced per square-yards installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance. Excavation and installation of Geotextile Fabric for the Aprons/Spillways as detailed in the Contract Drawings is considered incidental to Payment Item 3500.

23. Pay Item 3510 - Rip Rap Energy Dissipaters, Aprons & Rock Lined Channels (R3): (includes Temporary Channel B)

The installation of Rip Rap (Type R3) Energy Dissipaters, Aprons and Rock Lined Channels is priced per square-yards installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance. Excavation and installation of Geotextile Fabric for the Aprons/Channels as detailed in the Contract Drawings is considered incidental to Payment Item 3510.

24. Pay Item 3600 - HDPE PIPE (18" Diameter):

The installation of 18" diameter HDPE pipe is priced per linear foot installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance and removal of the pipe at the completion of the project as indicated in the detailed sequence of construction. Incidental work under this pay item includes excavation, stone bedding, woven geotextile, backfill, compaction, flared end sections and all other work necessary to complete the installation of the culvert as detailed on the Contract Drawings. Any necessary repair or replacement of the 18" HDPE Culvert shall be at the CONTRACTOR's expense.

25. Pay Item 3610 - HDPE PIPE (24" Diameter):

The installation of 24" diameter HDPE pipe is priced per linear foot installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance and removal of the pipe at the completion of the project as indicated in the detailed sequence of construction. Incidental work under this pay item includes excavation, stone bedding, concentric trash rack and anti-vortex device, perforated vertical riser for outlet, concrete riser foundation with watertight connections, corrugated metal anti-seep collar, woven geotextile, backfill, compaction, flared end sections and all other work and materials necessary to

complete the installation of the principal spillway as detailed on the Contract Drawings. Any necessary repair or replacement of the 24" HDPE storm pipe shall be at the CONTRACTOR's expense.

26. Pay Item 3700 – Sedimentation Basin Baffle:

The installation of the Sedimentation Basin Baffle is priced per linear foot installed and is inclusive of all labor, equipment and materials to perform the work & inclusive of continual maintenance. Incidental work under this pay item includes excavation, plywood, pressure treated posts, placement of sediment cleanout stacks and all other work and materials necessary to complete the installation of the baffle as detailed on the Contract Drawings. Any necessary repair or replacement of the Sedimentation Basin Baffle shall be at the CONTRACTOR's expense.

All other materials that are necessary to provide continual erosion and sediment control (i.e. Filter Bags, Pumps, etc.) per the approved plan are considered incidental to this contract. All items are to be maintained and repaired as necessary for the duration of the project.

1.5 PIPES, CABLES, AND UNDERGROUND STRUCTURES

It shall be the CONTRACTOR's responsibility to ascertain the location of all pipes, cables and underground structures in the area of the contractor's operation, and to employ the necessary precautions to avoid them during earthwork, berm construction, installation of erosion and sediment controls or other work associated with the contract. It shall be the CONTRACTORS responsibility to use Pennsylvania One Call System before any work begins.

If it is established that the work associated with this contract will cause interference with an underground facility or structure, the CONTRACTOR shall so advise the OWNER AND/OR CONSTRUCTION MANAGER. At his discretion, the OWNER AND/OR CONSTRUCTION MANAGER may designate a new location or authorize omission.

1.6 PROTECTION OF WORK, PERSONS AND PROPERTY

The CONTRACTOR shall provide and maintain any barricades, lights or other safety devices necessitated by hazardous conditions, required by local authority, or deemed necessary by the OWNER AND/OR CONSTRUCTION MANAGER representative.

1.7 PERMITS

All permits and licenses, relative to CONTRACTOR's equipment mobilization or use shall be obtained by CONTRACTOR at his expense. Environmental permits (e.g., NPDES Discharge Permit or Air Pollution Permit) and site specific permits (e.g. local) are at the Owners expense.

1.8 WATER ENCOUNTERED IN WORK

CONTRACTOR shall notify OWNER if any water is encountered during excavation or other earthwork activities. No water shall be discharged to surface ditches. Excessive amounts of water (enough to significantly hamper normal construction operations) encountered during excavation activities is to be handled as directed by the OWNER AND/OR CONSTRUCTION

MANAGER. This does not apply to surface conditions or surface waters that are allowed to enter open excavations.

1.9 AUTHORIZED REPRESENTATIVE OF THE OWNER

"Authorized Representative of the OWNER" shall mean the following individual, who has the authority to execute a Change Order on behalf of the OWNER:

John Robbins, Chairman of the Board of Directors c/o Scott Mengle, General Manager 219 Street Road, West Grove, PA 19390

E-Mail: <u>Scott@seccra.org</u> Phone: (610) 869-2452 Fax: (610) 869-8064

1.10 ENGINEER

ENGINEER shall mean the following individual, whom shall be the technical representative of the OWNER:

Richard F. Stratton, P.E. BAI Group, Inc. 341 10th Ave. Suite 103 Royersford, PA 19468

E-Mail: <u>rstratton@baigroupinc.net</u>

Phone: (610) 495-5585 Fax: (610) 495-7652

1.11 CONSTRUCTION MANAGER

CONSTRUCTION MANAGER shall mean the following individual, whom shall be representative of the OWNER:

Alan Roman Roman Consulting, Inc. P.O. Box 106 Oley, PA 19547

E-Mail: Romanconsultinginc@gmail.com

Phone: (610) 587-9240

1.12 GENERAL SAFETY CONSIDERATIONS

A. Workers shall not be allowed to work alone at any time in an excavation. Work parties of at least two shall be mandatory, with one worker outside of trench. Access to the open trench shall be via ladders spaced no further than 25 feet apart at a minimum (or as required by OSHA). Trenches shall be benched to prevent possible caving in on workers.

- **B.** No arc welding shall be permitted in trenches, enclosed areas, or over refuse filled areas unless performed over ground mats or in areas of the site approved by the CONTRACTOR's Safety Program and Construction Manager.
- **C.** Workmen shall not be permitted to enter excavations where there is an oxygen deficiency (oxygen levels below 19.5% by volume) or a combustible mixture of methane (methane levels between 5 and 15% by volume) without taking precautionary measures.
- **D.** All trenches shall be covered or completed at the end of each work day.
- **E.** All boreholes shall be completed at the end of each work day.
- **F.** Smoking is prohibited anywhere onsite except in designated areas.
- **G.** Fire extinguishers shall be available and rated at least A, B and C and are at least 10-pound size.
- **H.** Workers shall not leave open wells or excavations unattended. Open boreholes and excavations must be covered to prevent accidental entry. Wells must be barricaded, flagged, and protected sufficiently to prevent entry of dirt and run off water.
- I. The CONTRACTOR shall provide such equipment and medical facilities as are necessary to supply basic first aid to anyone who may be injured in connection with the Work. In an event immediate removal and/or hospitalization of site personnel is required the CONTRACTOR shall contact 911.
- J. The OWNER AND/OR CONSTRUCTION MANAGER may stop the Work if in his sole judgment safety laws, or safe work practices are not being observed; provided, however, that none of the foregoing shall relieve the CONTRACTOR from being fully responsible and liable for meeting all safety laws and safe work practices in connection with the Work nor should the failure of such persons to stop the Work be construed to mean that all safety laws and safe work practices are being met. Notwithstanding the above, the CONTRACTOR is solely responsible for the compliance with safety laws and maintaining safe work practices.
- **K.** CONTRACTOR shall follow all federal, state and local regulations.

END OF DIVISION 01000

BID FORM

For: RT. 41 BORROW AREA SOIL REMOVAL AND EROSION CONTROL DEVICES

SOUTHEASTERN CHESTER COUNTY REFUSE AUTHORITY 219 Street Road West Grove, PA 19390

Attention: Mr. Scott Mengle

Gentlemen:

In conformity with the specifications as prepared by Southeastern Chester County Refuse Authority, 219 Street Road, West Grove, Pennsylvania 19390 and after an examination of these Bid Documents, the undersigned submits this bid.

It is hereby certified that the undersigned is (are) the only person(s) interested in this bid as principal or officer, and that this proposal is made without collusion with any person, firm or corporation. The undersigned further guarantees that, if awarded a contract, the bidder will furnish and deliver all materials and perform all labor, tools, tests, and services required to execute, in an expeditious, substantial and workmanlike manner, the requirements of and in accordance with the specifications, to the complete satisfaction and acceptance of SECCRA.

It is understood that SECCRA reserves the right to reject any or all bids, or parts thereof, or items therein and to waive technicalities. It is further understood that competency and responsibility of bidders will receive consideration before the award of the contract.

Bidder submits this bid with the understanding that the materials and/or services will be delivered on or before the date stated in this proposal and that the time for the delivery of the materials and/or services shall be considered as of the essence of this contract. It is further understood, however, that any extension of time, regardless of cause, beyond the agreed date, must be requested by letter from the supplier and any extension must be granted by letter from SECCRA prior to same becoming effective.

The Bidder agrees not to assign this bid or any rights or interests thereunder without the written consent of SECCRA.

The undersigned acknowledges receipt of the following addenda, and the cost, if any, of such revisions has been included in the bid sum:

ADDENDUM NO	DATED		
ADDENDUM NO.	DATED		

12/4/2014 Section 9.9 Page **1** of **4** RT. 41 BORROW AREA SOIL REMOVAL AND EROSION CONTROL DEVICES

BID FORM (continued)

The undersigned Bidder proposes and agrees, if this Bid is accepted, to perform and furnish all the Work as specified in the Bidding Documents within the Contract Times indicated in this Bid and in accordance with all other terms and conditions of the Bidding Documents for the prices written below:

RT. 41 BORROW AREA SOIL REMOVAL AND EROSION

Project: CONTROL DEVICES

Item		Unit		Cost per	5
No. 1100.	Description See Section 6.1 for detail Bonds	Type LS	Units	unit	Bid price
1200.	Mob/Demob/Field General Conditions, etc.	LS	1		
			1	-	
1300	PennDOT RT 41 HOP entrance	LS	1		
2100.	Excavation	CY	215,000		
2110.	Fill Material	CY	14,000		
2120.	Topsoil remove (6" min.)	SY	75,500		
2130.	Topsoil replace (6" min.)	SY	70,000		
3100.	Filter Fence (18")	LF	1,375		
3110.	Super Filter Fence (36")	LF	1,975		
3120.	Safety Fence (Orange- min. 3')	LF	1,400		
3130.	Install Haul Road	LF	1,550		
3140.	Maintenance of Haul Roads Stage 1-3	LS	1		
3145	Maintenance of Haul Roads Sage 4	LS	1		
3210.	Erosion Control Matting	SY	5,500		
3215	Erosion Control Blanket	SY	20,125		
3300.	Rock Filter	EA	3		
3310.	Rock Construction Entrance	EA	3		
3320.	Diversion Channel	LF	1,230		
3330.	Swale, Conveyance Channels and Temporary Channel A	LF	2,185		
3400.	Erosion Control Seeding	LS	1		
3410.	Temporary Mulch Application	SY	15,000		
3500.	Rock Apron 18" Thick R-4	SY	611		
3510.	Rock Apron 12" Thick R-3 (includes Temporary Channel B)	SY	1,188		
3600.	Pipe 18" smooth Install and Remove	LF	24		
3610.	Pipe 24" Install and Remove	LF	492		
3700.	Baffle in Pond	LF	130		
	TOTAL BID				

Contract time shall be $\underline{150}$ calendar days form Notice to Proceed.

Firm Name Contact Person				
Address				
Telephone Authorized Signatu				
Authorized Signatu	are(s)			
		Print		Print

EQUIPMENT RATES

Project Name: RT. 41 BORROW AREA SOIL REMOVAL AND EROSION CONTROL DEVICES

The following Equipment Rates shall be used to adjust the actual value of the subcontract and as a basis for any additional work. These Equipment Rates shall include all normal routine maintenance (labor & materials), fuel, taxes, insurances, overhead and profit.

DESCRIPTION	(\$) Hourly Rate	(\$) Daily Rate	(\$) Weekly Rate	(\$) Monthly Rate

MATERIAL SUPPLIERS

Project Name: RT. 41 BORROW AREA SOIL REMOVAL AND EROSION CONTROL DEVICES

SUBCONTRACTOR LIST

Please list below all material suppliers who will be supplying more than two thousand dollars (\$2,000.00) of material to this project. Failure to furnish this information will affect payment under this contract.

Name/Address	Telephone	Material Supplied	<u>Value</u>	
	<u></u>			