

Request for Board of Commissioners' Action

From: Faye Hughes, County Administrator Date: June 13, 2018

Subject: Airport Runway Extension Item Number: VIII-A

Jon B. Weeks, P.E., DOT Project Manager has reviewed the bid proposal for airport runway extension compliance with the "Invitation to Bid" and "Instructions." Below are the bid amounts and Jon's recommendation.

Bidder	Schedule I	Schedule II	Schedule III	Total Bid
East Coast Asphalt, LLC	\$ 780,568.04	\$ 790,138.74	\$ 268,887.00	\$ 1,839,593.78
The Scruggs Company	\$ 683,137.59	\$ 971,177.55	\$ 335,726.05	\$ 1,990,041.19
Engineer's Estimate	\$ 806,641.00	\$ 852,068.25	\$ 250,426.00	\$ 1,909,135.25

Bidder East Coast Asphalt, LLC submitted all of the required forms, including the Contract Proposal, Bid Bond, Contractor Information, Subcontractor/Material Supplier List, Disadvantaged Business Utilization Commitment, DBE Participation Form, Equal Employment Opportunity Report Statement, Buy American Certification, Buy American Conformance Listing, Contractor's Statement of Qualifications, the Bid Schedule, and acknowledgment of the addendums.

We have reviewed the prime contractor's qualifications and consider this firm capable of completing the desired construction project. East Coast Asphalt, LLC's bid of \$1,839,593.78 for Schedules I, II, and III is approximately 3.6% lower than the Engineer's Estimate and approximately 7.6% lower than the next lowest bid received from The Scruggs Company.

East Coast Asphalt, LLC was vetted against the SAM (Federal Systems for Award Management) Exclusions Extract Data Package, and no records were found.

Chair will need a motion, "To enter into a contract with DOT once those documents are completed the County will enter into a contract with East Coast Asphalt, LLC, for the purpose of extending the runway as proposed by Jviation current DOT consultants."

Motion made by _____

Second made by _____

Any discussion: _____

Votes _____ yes _____ no

Motion carried/ failed

June 13, 2018

Ms. Faye Hughes
County Administrator
Cook County
1200 S. Hutchinson Avenue
Adel, GA 31620

Subject: Cook County Airport
Adel, Georgia
GDOT Project Number AP018-90xx-23 (075)
Schedule I: 500 Foot Runway 5 Extension
Schedule II: 500 Foot Parallel Taxiway A Extension
Schedule III: Runway 23 Extended Safety Area Grading
Letter of Recommendation

Dear Ms. Hughes:

Bid proposals for the above referenced project were received and opened on June 6, 2018, at the Cook County Administrative Office. Two Contractors submitted a formal bid. Attached to this letter is the Tabulation of Bids, which summarizes the unit cost for each pay item.

The bids were tabulated for mathematical correctness and are summarized in the following table:

Bidder	Schedule I	Schedule II	Schedule III	Total Bid
East Coast Asphalt, LLC	\$ 780,568.04	\$ 790,138.74	\$ 268,887.00	\$ 1,839,593.78
The Scruggs Company	\$ 683,137.59	\$ 971,177.55	\$ 335,726.05	\$ 1,990,041.19
Engineer's Estimate	\$ 806,641.00	\$ 852,068.25	\$ 250,426.00	\$ 1,909,135.25

Our office has reviewed the bid proposal for compliance with the "Invitation to Bid" and "Instructions to Bidders". East Coast Asphalt, LLC submitted all of the required forms, including the Contract Proposal, Bid Bond, Contractor Information, Subcontractor/Material Supplier List, Disadvantaged Business Utilization Commitment, DBE Participation Form, Equal Employment Opportunity Report Statement, Buy American Certification, Buy American Conformance Listing, Contractor's Statement of Qualifications, the Bid Schedule, and acknowledgment of the addendums.

We have reviewed the prime contractor's qualifications and consider this firm capable of completing the desired construction project. East Coast Asphalt, LLC bid of \$1,839,593.78 for Schedules I, II, and III is

approximately 3.6% lower than the Engineer's Estimate and approximately 7.6% lower than the next lowest bid received from The Scruggs Company.

East Coast Asphalt, LLC was vetted against the SAM Exclusions Extract Data Package, and no records were found.

The DBE goal for this project is 11.0%. East Coast Asphalt, LLC was able to list 11.0% proposed DBE participation in their bid proposal. The DBE firms that will be active on the project are Southern Advanced Solutions and Cope Construction, Inc.

Advertisements for bid were placed in the Adel News Tribune and Dodge Analytics on May 9, 16, and 23, 2018. Upon initial advertisement, Jviation notified numerous contractors to solicit interest for the project.

Based on the information provided by the prime contractor, we recommend that Cook County award the planned improvements for Schedule I: 500 Foot Runway 5 Extension, Schedule II: 500 Foot Parallel Taxiway A Extension, and Schedule III: Runway 23 Extended Safety Area Grading, to East Coast Asphalt, LLC in the amount of \$1,839,593.78, subject to GDOT concurrence and funding availability, for planned construction in late spring or early summer of 2019.

The following documents have been enclosed for your records:

Pre-Bid Meeting Sign-In Sheet
Tabulation of Bids

If you need additional information, please feel free to contact us.

Sincerely,

Jon B. Weeks, P.E.
Project Manager

Enclosures

Cc: Mr. Joseph Robinson - GDOT
Mr. Ronnie Hall - GDOT
Mr. Jim Trott, Jviation, Inc., Project Director
File



Meeting Sign In

Meeting Date / Location: May 17, 2018 / Cook County Airport

Project Name: Runway 5 Extension

Time: 2:00 p.m.

Project #:

[illegible]

COOK COUNTY AIRPORT

Location: Adel, Georgia

GDOT Project Number: AP018-90xx-23 (075)

BID SUMMARY

Date: June 6, 2018

Time: 2:00 P.M. (Local Time)

Schedule I - 500 Foot Runway 5 Extension

Schedule II - 500 Foot Parallel Taxiway A Extension

Schedule III- Runway 23 Extended Safety Area Grading

BID SUMMARY ITEM	Engineer's Estimate	East Coast Asphalt, LLC	The Scruggs Company
Contract Proposal		√	√
Acknowledge Addendum 1		√	√
Acknowledge Addendum 2		√	√
Bid Bond		5%	5%
Contractor Information		√	√
Subcontractor/Material Supplier List		√	√
DBE Participation Form		√	√
Equal Employment Opportunity Report Statement		√	√
Buy American Certification		√	√
Buy American Waiver Request (if applicable)		√	√
Buy American Conformance Listing		√	√
Certification of Offerer/Bidder Regarding Tax Delinquency and Felony Convictions		√	√
Contractor's Statement of Qualifications		√	√
Schedule I Bid Proposal	\$ 806,641.00	\$ 780,568.04	\$ 683,137.59
Schedule II Bid Proposal	\$ 852,068.25	\$ 790,138.74	\$ 971,177.55
Schedule III Bid Proposal	\$ 250,426.00	\$ 268,887.00	\$ 335,726.05
TOTAL COST - ALL SCHEDULES	\$ 1,909,135.25	\$ 1,839,593.78	\$ 1,990,041.18

SCHEDULE I				Engineer's Estimate		East Coast Asphalt, LLC		The Scruggs Company	
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
GP-105a	Mobilization	LS	1	\$ 72,951.00	\$ 73,331.00	\$ 282,450.00	\$ 282,450.00	\$ 79,200.23	\$ 79,200.23
P-101a	1.5" Partial Depth Asphalt Removal	SY	2,290	\$ 5.00	\$ 11,450.00	\$ 3.00	\$ 6,870.00	\$ 2.41	\$ 5,518.90
P-151a	Clearing and Grubbing	AC	5	\$ 8,000.00	\$ 41,600.00	\$ 5,000.00	\$ 26,000.00	\$ 5,123.38	\$ 26,641.58
P-152a	Embankment (Onsite Material)	CY	1,555	\$ 10.00	\$ 15,550.00	\$ 7.00	\$ 10,885.00	\$ 13.34	\$ 20,743.70
P-152c	Muck Excavation (Dispose Offsite)	CY	380	\$ 15.00	\$ 5,700.00	\$ 17.00	\$ 6,460.00	\$ 24.63	\$ 9,359.40
P-603a	Bituminous Tack Coat	GAL	760	\$ 5.00	\$ 3,800.00	\$ 2.50	\$ 1,900.00	\$ 3.47	\$ 2,637.20
P-620a	Runway and Taxiway Marking, White, including Type III Reflective Material and Microbicide	SF	37,860	\$ 4.00	\$ 151,440.00	\$ 1.25	\$ 47,325.00	\$ 1.73	\$ 65,497.80
P-620b	Runway and Taxiway Marking, Yellow, including Type III Reflective Material and Microbicide	SF	1,545	\$ 4.00	\$ 6,180.00	\$ 1.25	\$ 1,931.25	\$ 2.10	\$ 3,244.50
P-620c	Runway and Taxiway Marking, Black, including Microbicide	SF	6,985	\$ 4.00	\$ 27,940.00	\$ 1.50	\$ 10,477.50	\$ 1.63	\$ 11,385.55
D-701c	Install 24-Inch RCP, Class V	LF	166	\$ 80.00	\$ 13,280.00	\$ 56.34	\$ 9,352.44	\$ 73.80	\$ 12,250.80
D-701d	Install 24-Inch FES	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 905.00	\$ 1,810.00	\$ 1,882.61	\$ 3,765.22
T-908a	Mulching	SY	33,900	\$ 1.00	\$ 33,900.00	\$ 0.08	\$ 2,712.00	\$ 0.11	\$ 3,729.00
L-108a	Install 1/C, #8 AWG L-824C 5000V Cable, in Trench	LF	1,100	\$ 4.00	\$ 4,400.00	\$ 2.10	\$ 2,310.00	\$ 2.21	\$ 2,431.00
L-108b	Install 2-1/C, #8 AWG L-824C 5000V Cable, in Trench	LF	60	\$ 5.50	\$ 330.00	\$ 3.10	\$ 186.00	\$ 3.26	\$ 195.60
L-108c	Install 1/C, #8 AWG L-824C 5000V Cable, in Conduit	LF	110	\$ 3.00	\$ 330.00	\$ 1.25	\$ 137.50	\$ 1.31	\$ 144.10
L-108d	Install #6 AWG Bare Counterpoise Wire with Ground Rods	LF	1,300	\$ 3.00	\$ 3,900.00	\$ 0.90	\$ 1,170.00	\$ 0.95	\$ 1,235.00
L-110a	Install 1-2"SCH. 40 PVC Conduit (CE)	LF	110	\$ 20.00	\$ 2,200.00	\$ 15.00	\$ 1,650.00	\$ 15.75	\$ 1,732.50
L-125c	Install Stake Mounted L-861/L-861E Runway Light, Complete	EA	10	\$ 800.00	\$ 8,000.00	\$ 400.00	\$ 4,000.00	\$ 420.00	\$ 4,200.00
L-125d	Install Base Mounted L-861/L-861E Runway Light, Complte	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 550.00	\$ 1,100.00	\$ 577.50	\$ 1,155.00
L-140a	Remove L-881 PAPI System	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 300.00	\$ 300.00	\$ 315.00	\$ 315.00
L-140b	Install L-881 LED PAPI System on Existing Foundations	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 18,500.00	\$ 18,500.00	\$ 19,425.00	\$ 19,425.00
GDOT 163-0232	Temporary Grassing	AC	7	\$ 1,200.00	\$ 8,400.00	\$ 1,850.00	\$ 12,950.00	\$ 787.50	\$ 5,512.50
GDOT 163-0300	Construction Exit	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,342.18	\$ 2,342.18
GDOT 163-0535	Construct and Remove Temporary Sediment Trap	EA	3	\$ 7,500.00	\$ 22,500.00	\$ 500.00	\$ 1,500.00	\$ 1,272.55	\$ 3,817.65
GDOT 163-0541	Construct and Remove Rock Filter Dam	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 450.00	\$ 900.00	\$ 3,944.25	\$ 7,888.50
GDOT 163-0542	Construct and Remove Stone Filter Ring	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,914.35	\$ 1,914.35
GDOT 165-0030	Maintenance of Temporary Silt Fence, TP C	LF	3,880	\$ 2.00	\$ 7,760.00	\$ 0.01	\$ 38.80	\$ 2.63	\$ 10,204.40
GDOT 165-0535	Maintenance of Temporary Sediment Trap	EA	3	\$ 500.00	\$ 1,500.00	\$ 1.00	\$ 3.00	\$ 766.53	\$ 2,299.59
GDOT 165-0101	Maintenance of Construction Exit	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 940.78	\$ 940.78
GDOT 165-0110	Maintenance of Rock Filter Dam	EA	2	\$ 400.00	\$ 800.00	\$ 1.00	\$ 2.00	\$ 574.90	\$ 1,149.80
GDOT 165-0112	Maintenance of Stone Filter Ring	EA	1	\$ 400.00	\$ 400.00	\$ 1.00	\$ 1.00	\$ 574.90	\$ 574.90
GDOT 167-1000	Water Quality Monitoring and Sampling	EA	35	\$ 350.00	\$ 12,250.00	\$ 350.00	\$ 12,250.00	\$ 105.00	\$ 3,675.00
GDOT 167-1500	Water Quality Inspections	MO	5	\$ 2,000.00	\$ 10,000.00	\$ 250.00	\$ 1,250.00	\$ 892.50	\$ 4,462.50
GDOT 171-0030	Temporary Silt Fence, Type C	LF	3,880	\$ 6.00	\$ 23,280.00	\$ 3.59	\$ 13,929.20	\$ 4.20	\$ 16,296.00
GDOT 310-5060a	Gr Aggr Base CRS, Incl Matl	CY	925	\$ 60.00	\$ 55,500.00	\$ 70.15	\$ 64,888.75	\$ 99.00	\$ 91,575.00
GDOT 310-5060b	Gr Aggr Base CRS, Incl Matl (Muck Excavation Bridging Material)	CY	590	\$ 70.00	\$ 41,300.00	\$ 70.15	\$ 41,388.50	\$ 64.99	\$ 38,344.10
GDOT 402-3130a	Recycled Asph Conc 12.5 MM Superpave GP 2 Only, Incl Bitum Matl & H Lime	TON	640	\$ 110.00	\$ 70,400.00	\$ 98.75	\$ 63,200.00	\$ 97.44	\$ 62,361.60
GDOT 402-3130b	Recycled Asph Conc 19 MM Superpave GP 2 Only, Incl Bitum Matl & H Lime	TON	745	\$ 100.00	\$ 74,500.00	\$ 92.50	\$ 68,912.50	\$ 94.91	\$ 70,707.95
GDOT 455-1000	Filter Fabric For Embankment Stabilization	SY	5,535	\$ 3.00	\$ 16,605.00	\$ 4.89	\$ 27,066.15	\$ 7.47	\$ 41,346.45
GDOT 455-1001	Filter Fabric For Embankment Stabilization (Muck Excavation Bridging Material)	SY	3,305	\$ 3.00	\$ 9,915.00	\$ 4.89	\$ 16,161.45	\$ 8.70	\$ 28,753.50
GDOT 603-2184	Stn Dumped Rip Rap, Tp 3, 30 In	SY	16	\$ 75.00	\$ 1,200.00	\$ 100.00	\$ 1,600.00	\$ 163.36	\$ 2,613.76
GDOT 700-6910	Permanent Grassing	AC	5	\$ 2,000.00	\$ 10,000.00	\$ 2,800.00	\$ 14,000.00	\$ 2,310.00	\$ 11,550.00
TOTAL SCHEDULE I				\$ 806,641.00		\$ 780,568.04		\$ 683,137.59	

SCHEDULE II				Engineer's Estimate		East Coast Asphalt, LLC		The Scruggs Company	
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
GP-105a	Mobilization	LS	1	\$ 77,460.75	\$ 77,460.75	\$ 117,316.00	\$ 117,316.00	\$ 108,000.31	\$ 108,000.31
P-101a	1.5" Partial Depth Asphalt Removal	SY	45	\$ 5.00	\$ 225.00	\$ 5.00	\$ 225.00	\$ 2.41	\$ 108.45
P-101b	Full Depth Asphalt Pavement Removal	SY	760	\$ 10.00	\$ 7,600.00	\$ 7.00	\$ 5,320.00	\$ 8.69	\$ 6,604.40
P-151a	Clearing and Grubbing	AC	4	\$ 8,000.00	\$ 28,000.00	\$ 4,500.00	\$ 15,750.00	\$ 4,745.07	\$ 16,607.75
P-152a	Embankment (Onsite Material)	CY	7,440	\$ 10.00	\$ 74,400.00	\$ 4.00	\$ 29,760.00	\$ 12.89	\$ 95,901.60
P-152b	Embankment (Imported Material)	CY	7,680	\$ 15.00	\$ 115,200.00	\$ 12.00	\$ 92,160.00	\$ 22.00	\$ 168,960.00
P-152c	Muck Excavation (Dispose Offsite)	CY	5,450	\$ 15.00	\$ 81,750.00	\$ 17.00	\$ 92,650.00	\$ 12.00	\$ 65,400.00
P-603a	Bituminous Tack Coat	GAL	445	\$ 5.00	\$ 2,225.00	\$ 3.00	\$ 1,335.00	\$ 3.47	\$ 1,544.15
P-620b	Runway and Taxiway Marking, Yellow, including Type III Reflective Material and Microbicide	SF	1,150	\$ 4.00	\$ 4,600.00	\$ 1.25	\$ 1,437.50	\$ 2.10	\$ 2,415.00
D-701c	Install 24-Inch RCP, Class V	LF	184	\$ 65.00	\$ 11,960.00	\$ 42.00	\$ 7,728.00	\$ 56.18	\$ 10,337.12
D-701d	Install 24-Inch FES	EA	4	\$ 1,500.00	\$ 6,000.00	\$ 752.16	\$ 3,008.64	\$ 1,423.72	\$ 5,694.88
T-908a	Mulching	SY	19,400	\$ 1.00	\$ 19,400.00	\$ 0.10	\$ 1,940.00	\$ 0.11	\$ 2,134.00
L-108a	Install 1/C, #8 AWG L-824C 5000V Cable, in Trench	LF	1,450	\$ 4.00	\$ 5,800.00	\$ 2.10	\$ 3,045.00	\$ 2.21	\$ 3,204.50
L-108b	Install 2-1/C, #8 AWG L-824C 5000V Cable, in Trench	LF	275	\$ 5.50	\$ 1,512.50	\$ 3.10	\$ 852.50	\$ 3.26	\$ 896.50
L-108c	Install 1/C, #8 AWG L-824C 5000V Cable, in Conduit	LF	130	\$ 3.00	\$ 390.00	\$ 1.25	\$ 162.50	\$ 1.31	\$ 170.30
L-108d	Install #6 AWG Bare Counterpoise Wire with Ground Rods	LF	1,800	\$ 3.00	\$ 5,400.00	\$ 0.90	\$ 1,620.00	\$ 0.95	\$ 1,710.00
L-110h	Install 2-2" SCH, 40 PVC Conduit (CE)	LF	65	\$ 30.00	\$ 1,950.00	\$ 25.00	\$ 1,625.00	\$ 26.25	\$ 1,706.25
L-125a	Removed Stake Mounted Runway/Taxiway Light, Complete	EA	4	\$ 100.00	\$ 400.00	\$ 100.00	\$ 400.00	\$ 105.00	\$ 420.00
L-125b	Removed Base Mounted Runway/Taxiway Light, Complete	EA	2	\$ 250.00	\$ 500.00	\$ 200.00	\$ 400.00	\$ 210.00	\$ 420.00
L-125c	Install Stake Mounted L-861/L-861E Taxiway Edge Light, Complte	EA	29	\$ 750.00	\$ 21,750.00	\$ 380.00	\$ 11,020.00	\$ 399.00	\$ 11,571.00
L-125d	Install Base Mounted L-861/L-861E Taxiway Edge Light, Complte	EA	4	\$ 1,350.00	\$ 5,400.00	\$ 550.00	\$ 2,200.00	\$ 577.50	\$ 2,310.00
L-125g	Replace Runway Light Lenses	EA	14	\$ 200.00	\$ 2,800.00	\$ 75.00	\$ 1,050.00	\$ 78.75	\$ 1,102.50
L-125h	Install L-867B Junction Box in Soil	EA	2	\$ 750.00	\$ 1,500.00	\$ 550.00	\$ 1,100.00	\$ 577.50	\$ 1,155.00
L-125i	Remove L-858 Guidance Sign, Complete	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,050.00	\$ 2,100.00
L-125j	Install L-858 Guidance Sign, 1 Module, Complete	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 2,400.00	\$ 2,400.00	\$ 2,520.00	\$ 2,520.00
L-125k	Install L-858 Guidance Sign, 2 Module, Complete	EA	1	\$ 5,500.00	\$ 5,500.00	\$ 3,400.00	\$ 3,400.00	\$ 3,570.00	\$ 3,570.00
L-125l	Install L-858 Guidance Sign, 3 Module, Complete	EA	3	\$ 6,500.00	\$ 19,500.00	\$ 4,200.00	\$ 12,600.00	\$ 4,410.00	\$ 13,230.00
L-125m	Install New L-858 Sign Panel, Single Module	EA	20	\$ 250.00	\$ 5,000.00	\$ 850.00	\$ 17,000.00	\$ 892.50	\$ 17,850.00
GDOT 163-0232	Temporary Grassing	AC	4	\$ 1,200.00	\$ 4,800.00	\$ 1,950.00	\$ 7,800.00	\$ 787.50	\$ 3,150.00
GDOT 163-0535	Construct and Remove Temporary Sediment Trap	EA	1	\$ 7,500.00	\$ 7,500.00	\$ 500.00	\$ 500.00	\$ 1,272.55	\$ 1,272.55
GDOT 163-0542	Construct and Remove Stone Filter Ring	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,914.35	\$ 1,914.35
GDOT 165-0030	Maintenance of Temporary Silt Fence, TP C	LF	650	\$ 2.00	\$ 1,300.00	\$ 0.01	\$ 6.50	\$ 2.63	\$ 1,709.50
GDOT 165-0535	Maintenance of Temporary Sediment Trap	EA	1	\$ 500.00	\$ 500.00	\$ 1.00	\$ 1.00	\$ 766.53	\$ 766.53
GDOT 165-0112	Maintenance of Stone Filter Ring	EA	1	\$ 400.00	\$ 400.00	\$ 1.00	\$ 1.00	\$ 574.90	\$ 574.90
GDOT 171-0030	Temporary Silt Fence, Type C	LF	650	\$ 6.00	\$ 3,900.00	\$ 4.59	\$ 2,983.50	\$ 4.20	\$ 2,730.00
GDOT 310-5060a	Gr Aggr Base CRS, Incl Matl	CY	800	\$ 60.00	\$ 48,000.00	\$ 70.15	\$ 56,120.00	\$ 98.00	\$ 78,400.00
GDOT 310-5060b	Gr Aggr Base CRS, Incl Matl (Muck Excavation Bridging Material)	CY	1,635	\$ 70.00	\$ 114,450.00	\$ 70.15	\$ 114,695.25	\$ 65.00	\$ 106,275.00
GDOT 402-3130a	Recycled Asph Conc 12.5 MM Superpave GP 2 Only, Incl Bitum Matl & H Lime	TON	375	\$ 110.00	\$ 41,250.00	\$ 98.75	\$ 37,031.25	\$ 102.07	\$ 38,276.25
GDOT 402-3130b	Recycled Asph Conc 19 MM Superpave GP 2 Only, Incl Bitum Matl & H Lime	TON	620	\$ 100.00	\$ 62,000.00	\$ 92.50	\$ 57,350.00	\$ 98.80	\$ 61,256.00
GDOT 455-1000	Filter Fabric For Embankment Stabilization	SY	4,790	\$ 3.00	\$ 14,370.00	\$ 4.89	\$ 23,423.10	\$ 7.75	\$ 37,122.50
GDOT 455-1001	Filter Fabric For Embankment Stabilization (Muck Excavation Bridging Material)	SY	9,800	\$ 3.00	\$ 29,400.00	\$ 4.89	\$ 47,922.00	\$ 8.22	\$ 80,556.00
GDOT 603-2184	Stn Dumped Rip Rap, Tp 3, 30 In	SY	13	\$ 75.00	\$ 975.00	\$ 100.00	\$ 1,300.00	\$ 200.02	\$ 2,600.26
GDOT 700-6910	Permanent Grassing	AC	3	\$ 2,000.00	\$ 6,000.00	\$ 3,500.00	\$ 10,500.00	\$ 2,310.00	\$ 6,930.00
TOTAL SCHEDULE II				\$ 852,068.25		\$ 790,138.74		\$ 971,177.55	

SCHEDULE II				Engineer's Estimate		East Coast Asphalt, LLC		The Scruggs Company	
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
GP-105a	Mobilization	LS	1	\$ 22,766.00	\$ 22,766.00	\$ 75,281.00	\$ 75,281.00	\$ 52,800.15	\$ 52,800.15
P-101c	Remove Structure	EA	3	\$ 500.00	\$ 1,500.00	\$ 875.00	\$ 2,625.00	\$ 637.93	\$ 1,913.79
P-151a	Clearing and Grubbing	AC	1	\$ 8,000.00	\$ 8,000.00	\$ 4,500.00	\$ 4,500.00	\$ 8,301.60	\$ 8,301.60
P-152a	Embankment (Onsite Material)	CY	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
P-152b	Embankment (Imported Material)	CY	5,895	\$ 15.00	\$ 88,425.00	\$ 10.00	\$ 58,950.00	\$ 20.00	\$ 117,900.00
P-152c	Muck Excavation (Dispose Offsite)	CY	2,155	\$ 15.00	\$ 32,325.00	\$ 17.00	\$ 36,635.00	\$ 16.11	\$ 34,717.05
T-901a	Mulching	SY	9,700	\$ 1.00	\$ 9,700.00	\$ 0.12	\$ 1,164.00	\$ 0.11	\$ 1,067.00
GDOT 163-0232	Temporary Grassing	AC	2	\$ 1,200.00	\$ 2,400.00	\$ 2,050.00	\$ 4,100.00	\$ 787.50	\$ 1,575.00
GDOT 163-0300	Construction Exit	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,342.18	\$ 2,342.18
GDOT 163-0030	Maintenance of Temporary Silt Fence, TP C	LF	1,810	\$ 2.00	\$ 3,620.00	\$ 0.01	\$ 18.10	\$ 2.63	\$ 4,760.30
GDOT 163-0101	Maintenance of Construction Exit	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 940.78	\$ 940.78
GDOT 171-0030	Temporary Silt Fence, Type C	LF	1,810	\$ 6.00	\$ 10,860.00	\$ 3.00	\$ 5,430.00	\$ 4.20	\$ 7,602.00
GDOT 310-5060b	Gr Aggr Base CRS, Incl Matl	CY	720	\$ 70.00	\$ 50,400.00	\$ 70.15	\$ 50,508.00	\$ 83.62	\$ 60,206.40
GDOT 455-1001	Filter Fabric For Embankment Stabilization	SY	4,310	\$ 3.00	\$ 12,930.00	\$ 4.89	\$ 21,075.90	\$ 8.58	\$ 36,979.80
GDOT 700-6910	Permanent Grassing	AC	2	\$ 2,000.00	\$ 4,000.00	\$ 3,300.00	\$ 6,600.00	\$ 2,310.00	\$ 4,620.00
TOTAL SCHEDULE II				\$ 250,426.00		\$ 268,887.00		\$ 335,726.05	