COUNTY AGENDA REQUEST

Department:	Engineering / SPLOST	Presenter(s):	Phil Mallon
Meeting Date:	Thursday, November 15, 2012	Type of Request:	New Business

Wording for the Agenda:

Consideration of staff's request to award Bid #850- Westbridge Road Construction, including Bridge over Morning Creek, to the low bidder Southeastern Site Development, Inc., in the amount of $1,798,747.29, for the realignment of Westbridge Road and construction of a new 180-ft long offset bridge, and authorization for the Chairman to sign the contract contingent upon the County Attorney's review.

Background/History/Details:

The scope of this project involves the realignment of ±1,600 lf of Westbridge Road and construction of a new 180-ft long offset bridge designed to clear-span over existing Morning Creek, avoiding impacts to the existing streambed and surrounding wetland areas. The proposed bridge is located south of its current location. This work will remove and improve a sharp curve located west of the existing bridge. The existing curve does not meet American Association of State Highway and Transportation Official (AASHTO) road design requirements for a 45-mph design speed; however, the proposed road and bridge do meet AASHTO requirements and allows a 45-mph speed limit to be posted throughout the corridor.

Invitation were direct mailed to 28 contractors, and, additionally, invitations were extended via the Fayette Daily News, the county's website, Georgia Local Government Access Marketplace, and Channel 23. Five contractors responded to the bid. The lowest bid, in the amount of $1,798,747.29, was submitted by Southeastern Site Development, Inc. which is located in Newnan, Georgia.

The Public Works Department and the Purchasing Department recommends the low bidder for this request.

What action are you seeking from the Board of Commissioners?

Consideration of staff's request to award Bid #850- Westbridge Road Construction, including Bridge over Morning Creek, to the low bidder Southeastern Site Development, Inc., in the amount of $1,798,747.29, for the realignment of Westbridge Road and construction of a new 180-ft long offset bridge, and authorization for the Chairman to sign the contract and other related documents contingent upon the County Attorney's review.

If this item requires funding, please describe:

Funding for this work is available from Account #321 40220 541210 B-2.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	Yes	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Yes	County Clerk's Approval	Yes
Administrator's Approval	Yes		

Staff Notes:

Fayette County GEORGIA

Where Quality Is A Lifestyle

To: Jack Krakeel

From: Ted L. Burgess

Date: October 22, 2012

Subject: Bid #850 – Westbridge Road construction, including Bridge over Morning Creek

The Purchasing Department issued Invitation to Bid #850 for construction of approximately 1,600 feet of road on Westbridge Road. Construction will include a new bridge over Morning Creek. The bridge will be 180 feet long, with three spans. It will also include elimination of a sharp curve at the west side of the bridge.

Invitations were direct-mailed to 28 contractors. In addition, invitations were extended via the Fayette News, the county website, Georgia Local Government Access Marketplace (www.glga.org), and Channel 23. Five contractors responded to the invitation to bid (please see the attached spread sheet).

The lowest bid was submitted by Southeastern Site Development, Inc., in Newnan, Georgia. Their total bid was $1,798,747.29. The Public Works Department recommends this contractor, and I support their recommendation.

Attachment

Bid #850: Road Construction on Westbridge Road, Including Bridge over Morning Creek

	NUMBER	ITEM	E.R. Snell Contractor, Inc.	McCarthy Improvement Co, Inc.	McCoy Grading, Inc.	Southeastern Site Dev, Inc.	Sunbelt Structures, Inc.
					ROADWAY		
1.	150-1000	Traffic Control – (B-2)	$32,900.00	$18,500.00	$12,573.06	$14,180.00	$14,500.00
2.	150-5010	Traffic Control, Portable Impact Attenuator	11,220.00	14,000.00	8,894.32	5,000.00	9,700.00
3.	210-0100	Grading Complete – (B-2)	572,300.00	575,000.00	514,448.67	387,950.00	666,500.00
4.	310-1101	Gr Aggr Base Course, Incl. Material	34,254.00	39,963.00	30,980.84	36,061.85	30,010.31
5.	318-3000	Aggr Surf Crs	3,150.00	2,756.25	2,460.50	2,712.50	3,136.00
6.	402-1812	Recycled Asph Conc. Leveling, Incl Bitum Matl & H Lime	42,048.00	52,560.00	44,092.00	45,552.00	50,591.92
7.	402-3130	Recycled Asph Conc 12.5 MM Superpave, Gp 2 Only, Incl. Bitum Matl & H Lime	29,016.00	30,628.00	30,426.50	31,434.00	29,616.47
8.	402-3121	Recycled Asph Conc 25 MM Superpave, Gp 1 or 2, Incl. Bitum Matl & H Lime	25,833.75	25,730.00	26,975.00	29,050.00	33,283.00
9.	402-3190	Recycled Asph Conc 19 MM Superpave, Gp 1 or 2, Incl. Bitum Matl & H Lime	20,867.00	24,332.00	21,791.00	21,560.00	23,537.36
10.	413-1000	Bitum Tack Coat	2,161.60	1,544.00	2,238.80	2,316.00	1,582.60
11.	433-1000	Reinf. Conc. Approach Slab	11,532.25	36,507.00	40,610.50	41,884.00	42,450.00
12.	441-0016	Driveway Concrete, 6 in Thick	11,779.25	11,872.00	12,243.00	11,501.00	24,115.00
13.	441-0050	Conc. Slope Drain	151.00	400.00	300.00	398.00	1,100.00
14.	441-0303	Conc. Spillway, TP 3	1,710.00	1,700.00	1,600.00	1,850.00	2,100.00
15.	446-1100	Pvmt Reinf Fabric Strips, TP 2, 18 inch width	3,185.35	1,676.50	1,944.74	3,353.00	1,719.61
16.	500-3200	Class B Concrete	6,820.00	8,300.00	6,500.00	8,000.00	13,300.00
17.	500-9999	Class B Conc., Base or Pvmt Widening	21,896.00	19,635.00	15,784.16	1,487.50	119.00
18.	620-0100	Temporary Barrier, Method No. 1	8,270.50	12,232.00	5,282.00	8,492.90	10,703.00
19.	634-1200	Right of Way Markers	2,222.00	2,750.00	2,111.12	2,310.00	2,420.00
20.	641-1100	Guardrail, TP T	6,349.50	4,565.00	5,881.38	6,017.50	5,881.38
21.	641-1200	Guardrail, TP W	21,786.75	20,208.00	20,018.55	20,839.50	20,018.55
22.	641-5001	Guardrail Anchorage, TP 1	1,578.00	1,200.00	1,460.00	1,500.00	1,460.00
23.	641-5012	Guardrail Anchorage, TP 12	4,220.00	2,550.00	3,896.00	4,000.00	3,896.00
24.	643-1137	Chain Link Fence, Zinc Coated, 5-ft, 9 Gage	6,387.50	5,950.00	5,894.00	6,037.50	5,953.50
25.	643-8200	Barrier Fence (Orange), 4-ft	160.00	75.00	125.00	100.00	76.00
			881,798.45	914,633.75	818,531.14	693,587.25	997,769.70
					DRAINAGE		
1.	550-1300	Storm Drain Pipe, 30-in, H 1-10	7,842.25	6,350.00	5,374.64	11,398.25	7,330.44
2.	550-2180	Side Drain Pipe, 18-in, H 1-10	7,823.25	5,490.00	2,481.48	5,242.95	6,015.21
3.	550-3618	Safety End Section 18-in, Side Drain, 6:1 Slope	5,712.00	6,600.00	6,057.48	6,780.00	8,862.00
4.	550-3330	Safety End Section 30-in, Storm Drain, 4:1 Slope	2,580.00	2,100.00	1,944.02	2,560.00	897.94
			23,957.50	20,540.00	15,857.62	25,981.20	23,105.59
					TRAFFIC SIGNS AND MARKING		
1.	636-1020	Highway Signs, TP 1 Matl, Refl Sheeting, TP 3	205.00	250.00	160.00	165.00	160.00
2.	636-1033	Highway Signs, TP 1 Matl, Refl Sheeting, TP 9	705.25	713.00	589.00	651.00	589.00
3.	636-2070	Galv Steel Posts, TP 7	664.20	656.00	738.00	779.00	738.00
4.	653-1501	Thermoplastic Solid Traf Stripe, 5-in White	1,526.40	2,385.00	1,971.60	2,067.00	1,971.60
5.	653-1502	Thermoplastic Solid Traf Stripe, 5-in Yellow	1,590.00	2,385.00	1,971.60	2,067.00	1,971.60
6.	654-1001	Raised Pvmt Markers, TP 1	140.80	220.00	233.20	242.00	233.20
7.	657-1054	Preformed Plastic Solid Pvmt Mkg, 5-in, White, TP PB	1,854.00	1,440.00	1,296.00	1,440.00	1,296.00
8.	657-6054	Preformed Plastic Solid Pvmt Mkg, 5-in, Yellow, TP PB	1,854.00	1,440.00	1,296.00	1,440.00	1,296.00
			8,539.65	9,489.00	8,255.40	8,851.00	8,255.40
					EROSION CONTROL		
1.	163-0232	Temporary Grassing	736.00	700.00	372.66	500.00	680.00
2.	163-0240	Mulch	9,842.00	9,120.00	10,175.26	9,500.00	9,120.00
3.	163-0300	Construction Exit	2,440.00	1,700.00	1,578.38	2,400.00	3,000.00
4.	163-0520	Construct and Remove Temporary Pipe Slope Drain	910.00	1,365.00	1,287.65	1,547.00	1,820.00

	NUMBER	ITEM	E.R. Snell Contractor, Inc.	McCarthy Improvement Co, Inc.	McCoy Grading, Inc.	Southeastern Site Dev, Inc.	Sunbelt Structures, Inc.
5.	163-0527	Construct and Remove Rip Rap Check Dams, Stone Plain Rip Rap/Sand Bags	3,995.00	2,210.00	2,060.57	2,890.00	5,525.00
6.	163-0528	Construct and Remove Fabric Check Dam – Type C Silt Fence	1,032.00	960.00	696.00	480.00	933.60
7.	163-0529	Construct and Remove Temporary Sediment Barrier or Baled Straw Check Dam	1,969.20	1,777.75	2,390.39	1,641.00	1,843.39
8.	163-0541	Construct and Remove Rock Filter Dams	1,143.00	675.00	609.69	2,670.00	1,425.00
9.	163-0542	Construct and Remove Stone Filter Ring	1,893.00	450.00	396.69	1,095.00	2,550.00
10.	165-0030	Maintenance of Temporary Silt Fence, TP C	1,374.88	1,983.00	1,956.56	2,644.00	2,115.20
11.	165-0040	Maintenance of Erosion Control Check Dams/Ditch Checks	1,321.75	850.00	157.93	595.00	2,380.00
12.	165-0041	Maintenance of Check Dams – All Types	124.80	300.00	88.80	240.00	312.00
13.	165-0071	Maintenance of Sediment Barrier – Baled Straw	142.48	411.00	202.76	411.00	427.44
14.	165-0101	Maintenance of Construction Exit	1,006.00	780.00	725.68	600.00	1,000.00
15.	165-0110	Maintenance of Rock Filter dam	516.00	45.00	37.11	750.00	1,500.00
16.	165-0111	Maintenance of Stone Filter Ring	516.00	270.00	245.67	825.00	1,500.00
17.	167-1000	Water Quality Monitoring and Sampling	566.00	20.00	350.00	170.00	20.00
18.	167-1500	Water Quality Inspections	12,060.00	9,000.00	13,263.12	6,570.00	12,870.00
19.	171-0030	Temporary Silt Fence, Type C	15,332.30	11,895.75	15,649.52	14,803.60	12,530.19
20.	603-2180	Stone Dumped Rip Rap, TP 3, 12-in	3,555.00	3,476.00	2,910.36	4,621.50	3,823.60
21.	603-7000	Plastic Filter Fabric	521.40	276.50	385.52	434.50	790.00
22.	715-2200	Bituminous Treated Roving, Waterways	1,740.42	1,758.00	1,916.22	2,637.00	1,617.36
23.	716-2000	Erosion Control Mats, Slopes	2,610.72	2,331.00	2,610.72	2,952.60	2,424.24
24.	700-6910	Permanent Grassing	3,136.00	2,900.00	3,373.08	3,600.00	2,900.00
25.	700-7000	Agricultural Lime	1,664.00	640.00	592.64	800.00	1,536.00
26.	700-8000	Fertilizer Mixed Grade	1,080.00	1,000.00	1,158.58	800.00	1,000.00
27.	700-8100	Fertilizer Nitrogen Content	360.00	300.00	390.00	800.00	330.00
			71,587.95	57,194.00	65,581.56	66,977.20	75,973.02
			WATERLINE QUANTITIES				
1.	670-1160	Water Main, 16-in	56,520.00	34,200.00	34,200.00	34,200.00	31,680.00
2.	670-1900	Inline Plug, 16-in	756.00	1,050.00	1,052.70	1,170.00	1,200.00
3.	670-2002	Valve Marker	210.75	273.00	273.00	258.00	600.00
4.	670-2060	Gate Valve, 6-in	757.00	850.00	856.01	900.00	1,050.00
5.	670-2160	Gate Valve, 16-in	16,220.00	50,000.00	50,397.00	53,000.00	13,500.00
6.	670-4000	Fire Hydrant	3,460.00	3,400.00	3,401.26	3,550.00	3,100.00
7.	670-5620	Water Service Line, 3/4-in	645.00	750.00	750.00	870.00	450.00
8.	670-7000	Steel Casing, 24-in	15,560.00	20,800.00	20,800.00	20,800.00	17,600.00
9.	670-9730	Relocate Existing Water Meter, Incl Box	865.00	550.00	550.00	595.00	700.00
			94,993.75	111,873.00	112,279.97	115,343.00	69,880.00
			BRIDGE				
1.	207-0203	Foundation Backfill Material, TP II	2,400.00	1,860.00	3,000.00	3,108.00	2,220.00
2.	211-0300	Bridge Excavation, Stream Crossing	2,392.00	6,440.00	4,140.00	4,287.20	2,024.00
3.	433-1000	Reinforced Conc. Approach Slab	11,573.00	0.00	0.00	0.00	0.00
4.	500-0100	Grooved Concrete	7,220.00	3,230.00	9,120.00	9,462.00	1,748.00
5.	500-1006	Superstructure Concrete, CL AA, BR NO - 1	219,800.00	175,000.00	212,275.01	209,617.58	180,650.00
6.	500-2100	Concrete Barrier	15,399.00	12,702.00	12,180.00	12,621.96	12,528.00
7.	500-3002	Class AA Concrete	94,605.00	63,000.00	97,125.00	100,650.90	76,650.00
8.	500-3700	Seal Concrete	13,053.00	7,125.00	12,825.00	13,290.69	13,110.00
9.	507-8900	PSC Beams, AASHTO Type I Mod, BR NO -1	20,458.00	23,160.00	19,879.00	20,600.82	18,914.00
10.	507-9003	PSC Beams, AASHTO Type III, BR NO -1	85,436.00	86,125.00	82,335.50	85,325.76	79,235.00
11.	511-1000	Bar Reinforcing Steel	16,462.44	15,243.00	15,446.24	16,259.20	14,226.80
12.	511-3000	Superstructure Reinforcing Steel, BR NO -1	49,800.00	69,000.00	47,150.00	48,861.55	49,260.00
13.	520-0353	H-Pile Points, HP 12 x 53	1,110.00	660.00	780.00	808.32	990.00
14.	520-0573	H-Pile Points, HP 14 x 73	1,372.00	875.00	980.00	1,015.56	1,225.00
15.	520-1125	Piling in Place, Steel H, HP 12 x 53	4,702.50	6,050.00	5,527.50	5,727.70	5,390.00
16.	520-1147	Piling in Place, Steel H, HP 14 x 73	4,860.00	7,920.00	5,242.50	5,432.40	4,770.00
17.	520-4125	Load Test, Steel H, HP 12 x 53	1.00	1.00	1.00	1.00	1.00
18.	520-4147	Load Test, Steel H, HP 14 x 73	1.00	1.00	1.00	1.00	1.00
19.	520-5000	Pilot Holes	4,760.00	16,150.00	8,500.00	8,840.00	5,610.00
20.	525-1000	Cofferdam	58,400.00	20,000.00	30,000.00	31,100.00	28,000.00

	NUMBER	ITEM	E.R. Snell Contractor, Inc.	McCarthy Improvement Co, Inc.	McCoy Grading, Inc.	Southeastern Site Dev, Inc.	Sunbelt Structures, Inc.
21.	540-1102	Removal of Exist. Bridge, BR No-1	111,700.00	55,000.00	33,500.00	34,715.00	65,000.00
22.	603-2024	Std. Dumped Rip-Rap, TP 1, 24in	62,891.25	62,485.50	21,520.98	71,412.00	74,658.00
23.	603-7000	Plastic Filter Fabric	7,790.40	3,246.00	3,960.12	4,869.00	3,732.90
			796,186.59	635,273.50	625,488.85	688,007.64	639,943.70
			ALLOWANCES				
	001-4000	Allowances Per Special conditions	**200,000.00**	**200,000.00**	**200,000.00**	**200,000.00**	**200,000.00**
		TOTAL BASE BID	**$2,077,063.89**	**$1,949,003.25**	**$1,845,994.54**	**$1,798,747.29**	**$2,014,927.41**