

Agenda Item is over 50 pages; may be viewed in the Minutes Department

Agenda Item #: 3-C-1

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: April 16, 2019	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
	<input type="checkbox"/> Workshop	<input type="checkbox"/> Public Hearing
Department:	Engineering & Public Works	
Submitted By:	Engineering & Public Works	
Submitted For:	Roadway Production Division	

EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a contract with Arbor Tree & Land, Inc. (Arbor) in the amount of \$998,615 for the construction of County Road 880 – Twenty Mile Bend Slope Protection (Project).


SUMMARY: Approval of this contract will allow Palm Beach County to issue a notice to proceed to Arbor, a Palm Beach County based company, to begin construction of the Project. The proposed work consists of canal slope stabilization, guardrail, and asphalt. This bid was solicited on November 18, 2018 prior to the effective date of the Equal Business Opportunity (EBO) Ordinance and pursuant to the Small Business Enterprise (SBE) Ordinance requirements in effect at that time. The SBE goal for all projects is 15%. Arbor committed to 85% SBE participation. Arbor is a certified SBE. Construction completion is expected in late 2019. **This project is funded through the infrastructure sales tax.** District 6 (YBH)

Background and Justification: Bids for the project were received by the Engineering Department on December 18, 2018. Time to complete all work under this contract shall be no more than 120 calendar days.

Attachments:

1. Location Map
2. Contract (3)
3. SBE Compliance Review
4. Bid Tabulation

Recommended by:  3/12/19
County Engineer Date

Approved By:  3/26/19
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2019	2020	2021	2022	2023
Capital Expenditures	\$1,099,374	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$1,099,374	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes No
 Does this item include the use of federal funds? Yes No

Budget Account No:
 Fund 3950 Dept 361 Unit 1448-105 Object 6551-CO26

Recommended Sources of Funds/Summary of Fiscal Impact:
 Local Government One-Cent Infrastructure Surtax Fund
 C.R.880 Canal Bank Stabilization

Construction Contract	\$ 998,615.00
Contingency	\$ 29,959.00
Testing Lab	\$ 1,000.00
Staff Costs -	
Roadway Production	\$ 19,950.00
Survey Section	\$ 9,950.00
Construction Coordination	\$ 39,900.00
Total Project Costs	\$1,099,374.00

Surtax Funding FY 2018 \$2,000,000 CR880 Canal Bank Stabilization

C. Departmental Fiscal Review: *Alice Kovalainen*

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

Lisa R 3/13/19
 OFMB (P) 3/13/19 3/13
 Contract Dev. and Control 3/25/19
 om 3/13

B. Approved as to Form and Legal Sufficiency:

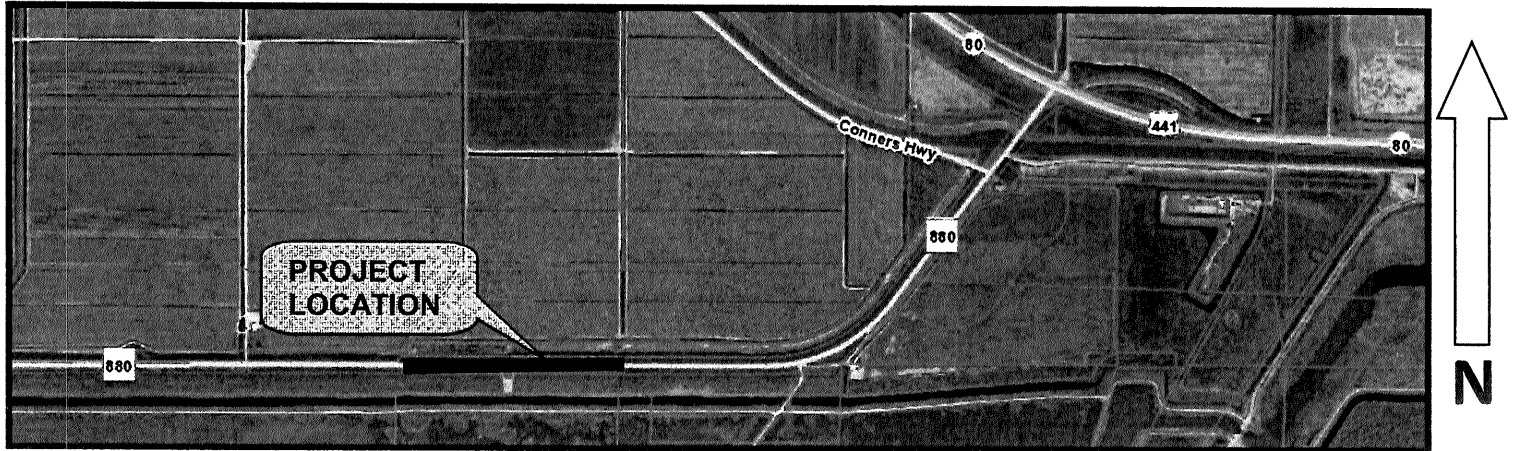
M. P. Herman 3/26/2019
 Assistant County Attorney

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

PROJECT LOCATION
CR 880 TWENTY MILE BEND SLOPE PROTECTION
PALM BEACH COUNTY PROJECT NO. 201525D



LOCATION MAP



Office of
Equal Business Opportunity
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
www.pbcgov.com/oebo



**Palm Beach County
Board of County
Commissioners**

- Mack Bernard, Mayor
- Dave Kerner, Vice Mayor
- Hal R. Valeche
- Gregg K. Weiss
- Robert S. Weinroth
- Mary Lou Berger
- Melissa McKinlay

County Administrator

Verdenia C. Baker

"An Equal Opportunity
Affirmative Action Employer"

DATE: January 18, 2019

TO: Holly B. Knight, P.E., Contracts Section Manager

THROUGH: Allen Gray, Manager *A. Gray*
Office of Equal Business Opportunity

FROM: Angela D. Smith, Small Business Development Specialist
Office of Equal Business Opportunity *AS*

SUBJECT: Compliance Review on Project No. 2015525D
CR880-Twenty Mile Bend Slope Protection

The following is a Compliance Review of SBE participation on the above-mentioned project; only the lowest three bidders will be reviewed. The Bid Opening date was **December 18, 2018**. SBE participation is calculated on the Amount Less Contingency and the overall goal set for this project is 15%.

Bidder #1: Arbor Tree & Land Inc.
7153 Southern Blvd.
West Palm Beach, FL 33413

Phone: 561-722-5630

Bid Amount: \$998,615.00

Amount Less Contingency: \$997,225.00

Goal: 15% Overall

Goal Achieved: 85%

SBE Participation:

(SB) ARBOR TREE & LAND INC.	\$ 847,641.25	85%
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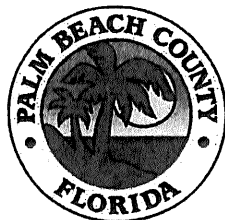
Bidder #2: Dickerson Florida Inc.
3122 N 25th St.
Ft. Pierce, FL 34946
772-429-4444

Bid Amount: \$1,121,177.69

Amount Less Contingency: \$1,121,177.62

Goal: 15%

Goal Achieved: 15%



SBE Participation:

(SB)TIMOTHY B. MCKEE, INC. \$168,187.50 15 %

Bidder #3:

Loren Jock Trucking, Inc.
4140 SE Robert Loop Rd.

Stuart, FL 34997

Phone:

772-888-3614

Bid Amount:

\$1,332,756.69

Amount Less Contingency: \$1,331,981.75

Goal:

15%

Goal Achieved:

16.5%

SBE Participation:

(MB)TRU TRUCKING, INC. \$219,909.45 16.5%

EVALUATION:

Bidder #1, Arbor Tree & Land, Inc. has met the SBE goal.

BID PROPOSAL COUNTY ROAD 880 TWENTY MILE BEND SLOPE PROTECTION PBC PROJECT #2015525D				Average Unit Price	Engineers Estimate	ARBOR TREE & LAND, INC.		DICKERSON FLORIDA, INC.		LOREN JOCK TRUCKING, INC.	
ITEM #	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	UNIT PRICE	Unit Price	Total	Unit Price	Total	Unit Price	Total
REGULAR ITEMS											
101-1	Mobilization	1	LS	\$90,283.92	\$85,004.84	\$ 50,000.00	\$ 50,000.00	\$ 200,000.00	\$ 200,000.00	\$ 23,500.00	\$ 23,500.00
102-1	Maintenance of Traffic	1	LS	\$22,079.10	\$11,979.89	\$ 22,000.00	\$ 22,000.00	\$ 35,000.00	\$ 35,000.00	\$ 4,500.00	\$ 4,500.00
102-99	Variable Message Board	28	DAY	\$39.38	\$62.85	\$ 20.00	\$ 560.00	\$ 20.00	\$ 560.00	\$ 21.00	\$ 588.00
102-11	Off Duty Police Officer	24	HR	\$61.74	\$65.17	\$ 75.00	\$ 1,800.00	\$ 45.00	\$ 1,080.00	\$ 60.00	\$ 1,440.00
110-11	Clearing and Grubbing	1	LS	\$45,666.64	\$24,774.82	\$ 85,000.00	\$ 85,000.00	\$ 100,000.00	\$ 100,000.00	\$ 39,000.00	\$ 39,000.00
120-5	Channel Excavation	4,587	CY	\$22.71	\$33.45	\$ 7.00	\$ 32,109.00	\$ 0.01	\$ 45.87	\$ 20.00	\$ 91,740.00
0339-1	Miscellaneous Asphalt Pavement	75	TN	\$325.59	\$337.55	\$ 315.00	\$ 23,625.00	\$ 200.00	\$ 15,000.00	\$ 180.00	\$ 13,500.00
514-71-2	Filter Fabric, Plastic, Stabilization	6,105	SY	\$9.64	\$13.30	\$ 6.50	\$ 39,682.50	\$ 7.00	\$ 42,735.00	\$ 9.75	\$ 59,523.75
530-3-3	Rip-Rap Rubble, Bank & Shore	8,863	SY	\$96.59	\$93.50	\$ 59.50	\$ 527,348.50	\$ 47.25	\$ 418,776.75	\$ 79.00	\$ 700,177.00
530-74	Bedding Stone	3,267	TN	\$56.54	\$58.98	\$ 32.00	\$ 104,544.00	\$ 42.00	\$ 137,214.00	\$ 60.00	\$ 196,020.00
530-74	Fill Sand-57 Stone or Larger (50:50 Mix)	3,594	TN	\$55.01	\$42.90	\$ 24.00	\$ 86,256.00	\$ 39.00	\$ 140,166.00	\$ 42.00	\$ 150,948.00
536-1-1	Guardrail, Roadway,W-Beam	300	LF	\$32.44	\$49.65	\$ 21.00	\$ 6,300.00	\$ 22.00	\$ 6,600.00	\$ 33.95	\$ 10,185.00
538-1	Guardrail - Reset	1,200	LF	\$24.74	\$17.84	\$ 15.00	\$ 18,000.00	\$ 20.00	\$ 24,000.00	\$ 34.05	\$ 40,860.00
TOTAL REGULAR ITEMS							\$997,225.00		\$1,121,177.62		\$1,331,981.75
CONTINGENCY ITEMS											
10-1	Pipe Abandonment Flowable Fill	5	CY	\$337.91	\$205.14	\$ 18.00	\$ 90.00	\$ 0.01	\$ 0.05	\$ 75.00	\$ 375.00
10-2	Pipe Extension & Collar	2	EA	\$2,369.76	\$12,000.00	\$ 650.00	\$ 1,300.00	\$ 0.01	\$ 0.02	\$ 200.00	\$ 400.00
TOTAL CONTINGENCY ITEMS							\$1,390.00		\$0.07		\$775.00
TOTAL BID AMOUNT (TOTAL REGULAR + TOTAL CONTINGENCY)							\$998,615.00		\$1,121,177.69		\$1,332,756.75

BID PROPOSAL COUNTY ROAD 880 TWENTY MILE BEND SLOPE PROTECTION PBC PROJECT #2015525D				FERREIRA CONSTRUCTION SOUTHERN DIVISION CO., INC.		H & R OF BELLE GLADE, INC.		CUSTOM BUILT MARINE CONSTRUCTION, INC.		WEST CONSTRUCTION, INC.	
ITEM #	ITEM DESCRIPTION	QTY	UNITS	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
REGULAR ITEMS											
101-1	Mobilization	1	LS	\$ 47,487.20	\$ 47,487.20	\$ 66,000.25	\$ 66,000.25	\$ 165,000.00	\$ 165,000.00	\$ 80,000.00	\$ 80,000.00
102-1	Maintenance of Traffic	1	LS	\$ 14,553.70	\$ 14,553.70	\$ 18,500.00	\$ 18,500.00	\$ 10,000.00	\$ 10,000.00	\$ 50,000.00	\$ 50,000.00
102-99	Variable Message Board	28	DAY	\$ 24.40	\$ 683.20	\$ 20.25	\$ 567.00	\$ 50.00	\$ 1,400.00	\$ 120.00	\$ 3,360.00
102-11	Off Duty Police Officer	24	HR	\$ 67.15	\$ 1,611.60	\$ 55.00	\$ 1,320.00	\$ 55.00	\$ 1,320.00	\$ 75.00	\$ 1,800.00
110-11	Clearing and Grubbing	1	LS	\$ 4,366.50	\$ 4,366.50	\$ 36,300.00	\$ 36,300.00	\$ 40,000.00	\$ 40,000.00	\$ 15,000.00	\$ 15,000.00
120-5	Channel Excavation	4,587	CY	\$ 31.95	\$ 146,554.65	\$ 29.00	\$ 133,023.00	\$ 35.00	\$ 160,545.00	\$ 36.00	\$ 165,132.00
0339-1	Miscellaneous Asphalt Pavement	75	TN	\$ 459.10	\$ 34,432.50	\$ 300.00	\$ 22,500.00	\$ 350.00	\$ 26,250.00	\$ 475.00	\$ 35,625.00
514-71-2	Filter Fabric, Plastic, Stabilization	6,105	SY	\$ 11.25	\$ 68,681.25	\$ 13.75	\$ 83,943.75	\$ 10.00	\$ 61,050.00	\$ 9.26	\$ 56,532.30
530-3-3	Rip-Rap Rubble, Bank & Shore	8,863	SY	\$ 90.70	\$ 803,874.10	\$ 95.00	\$ 841,985.00	\$ 95.00	\$ 841,985.00	\$ 209.65	\$ 1,858,127.95
530-74	Bedding Stone	3,267	TN	\$ 59.90	\$ 195,693.30	\$ 47.00	\$ 153,549.00	\$ 60.00	\$ 196,020.00	\$ 94.89	\$ 310,005.63
530-74	Fill Sand-57 Stone or Larger (50:50 Mix)	3,594	TN	\$ 49.60	\$ 178,262.40	\$ 39.00	\$ 140,166.00	\$ 45.00	\$ 161,730.00	\$ 146.45	\$ 526,341.30
536-1-1	Guardrail, Roadway,W-Beam	300	LF	\$ 26.60	\$ 7,980.00	\$ 23.50	\$ 7,050.00	\$ 50.00	\$ 15,000.00	\$ 50.00	\$ 15,000.00
538-1	Guardrail - Reset	1,200	LF	\$ 10.15	\$ 12,180.00	\$ 9.00	\$ 10,800.00	\$ 45.00	\$ 54,000.00	\$ 40.00	\$ 48,000.00
TOTAL REGULAR ITEMS					\$1,516,360.40		\$1,515,704.00		\$1,734,300.00		\$3,164,924.18
CONTINGENCY ITEMS											
10-1	Pipe Abandonment Flowable Fill	5	CY	\$ 1,050.30	\$ 5,251.50	\$ 785.00	\$ 3,925.00	\$ 500.00	\$ 2,500.00	\$ 275.00	\$ 1,375.00
10-2	Pipe Extension & Collar	2	EA	\$ 6,244.05	\$ 12,488.10	\$ 7,864.00	\$ 15,728.00	\$ 2,500.00	\$ 5,000.00	\$ 1,500.00	\$ 3,000.00
TOTAL CONTINGENCY ITEMS					\$17,739.60		\$19,653.00		\$7,500.00		\$4,375.00
TOTAL BID AMOUNT (TOTAL REGULAR + TOTAL CONTINGENCY)					\$1,534,100.00		\$1,535,357.00		\$1,741,800.00		\$3,169,299.18

BID PROPOSAL
CR880 TWENTY MILE BEND SLOPE PROTECTION
PALM BEACH COUNTY PROJECT #2015525D

THE COUNTY DOES NOT GUARANTEE THE ACCURACY OF THE FORMULAS AND EXTENSIONS USED IN THIS SPREADSHEET.
 THE ITEMS AND QUANTITIES ABOVE, SHALL GOVERN OVER THE PLANS.
 PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

Note #	PAY ITEM FOOTNOTES	
101-1	Mobilization	Includes NPDES Erosion Control Measures
102-1	Maintenance of Traffic	Includes all provision and maintenance of necessary signs, advanced warning, variable message boards, all detour signs and barricades at each end of CR880 for the duration of the project.
120-5	Channel Excavation	Includes removal and disposal
514-71-2	Filter Fabric, Plastic, Stabilization	Includes 4 foot minimum overlap, end burial, staking and wrapping at termination locations
530-3-3	Riprap - Rubble, Bank & Shore	Includes Keystone excavation wrapping and placement at the toe of slope
530-74	Bedding Stone	Includes Bedding Stone under Rip Rap
530-74	Fill Sand-57 Stone or Larger (50:50 Mixture)	Fill Sections
536-1	New Guardrail	Includes removal of the existing guardrail
538-1	Guardrail - Reset	Includes replacement of damaged posts, offset blocks, guardrail panel, hardware and reflectors
10-1	Pipe Abandonment Flowable Fill	Includes cleaning pipe, grouting with flowable fill and bricking ends
10-2	Pipe Extension & Collar	Includes upto 20'-0" of pipe extension, survey and labor to locate pipes, cleaning pipes, construction of concrete pipe collar and any dewatering

Working days to complete project: 120 calendar days (See Special Provisions)

Bids as read at opening on Tuesday, December 18, 2018; 2:00 PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Geraldine Lazzarino-Kelly, Technical Assistant I

Checked by: Holly B. Knight, P.E., Contracts Section Manager