



# Leon County

## Board of County Commissioners

301 South Monroe Street, Tallahassee, Florida 32301  
(850) 606-5302 www.leoncountyfl.gov

Purchasing Division  
1800-3 Blair Stone Road  
(corner of Blair Stone and Miccosukee Roads)  
Tallahassee, Florida 32308  
850-606-1600

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County Attorney

October 14, 2011

Title: Invitation to Bid for Ben Boulevard Infrastructure Improvements  
Number: BC-11-01-11-11  
**Opening Date: Tuesday, November 1, 2011 at 2:00PM**

### ADDENDUM #1

Dear Vendor:

This letter serves as Addendum #1 for the above referenced project.

**The Environmental Management Permit includes the demolition of the two residential structures. Contractor will be responsible for any additional permits relating to demolition of the structures.**

**A Questions and Answers document is attached for your reference.**

**The Bid Price Sheet is hereby revised, attached and available on the Leon County website under Plans and Specifications.**

**Sheet 10 and Sheet 11 of the construction plans are hereby revised and attached.**

Acknowledgment of this addendum is required as part of your bid submittal. Failure to acknowledge this addendum may result in rejection of your bid.

Should you have any questions, feel free to call me at (850) 606-1600.

Sincerely,

Wendi Sellers  
Contract Manager

WS

**Questions and Answers**  
**BC-11-01-11-11**

1. Sheet 5, Tree Protection Note 3 states, “The County will contract an arborist to prepare a mitigation plan . . . . to determine which trees should be physically removed and which trees should be mitigated.” The plan and profile sheets show six (6 EA) 12” – 18” trees with “X”s to be removed and one (1 EA) 19” – 27” tree with an “X” to be removed. The plan and profile sheets show a total of sixteen (16 EA) trees which exactly match the Pay Items Bid Price Sheet. The plan and profile sheets also show sixteen (16 EA) trees with “T”s which I’m assuming are trees to be mitigated since these trees are near ditch excavations. Also, tree protection plan sheet 13 shows sixteen (16 EA) trees with “T”s. Is the County contracting with the arborist to cover the tree mitigation or should sixteen (16 EA) or thirty-two (32 EA) tree mitigations be added to the pay Item Bid Price Sheet?

**Response: The County will contract an arborist to prepare a mitigation plan and execute the mitigation plan. All trees with “X”s will be removed as part of this contract and the contractors should include as part of the project bid. There are (8) trees to be removed for this project, (7) 12” – 18” trees and (1) 19”-27” tree. All trees marked with a “T” will be evaluated by the arborist and either mitigated for if possible, or removed if the arborist and the Leon County Growth Management Environmental inspector believe the trees will die due to the proposed impacts.**

2. Sheet 11 states the Jackson View Way Concrete Box Culvert Endwall has a concrete class I (CY) total of 2.00 CY. This quantity appears too small to cover both headwalls. Please advise what the correct CY quantity should be.

**Response: Sheet 11 should state that Jackson View Way Concrete Box Culvert Endwall includes 4.00 CY of concrete class I (CY). Please use revised number with bid. In addition, the bid form was revised to change the Class I Concrete (MISCELLANEOUS) quantity from 46.0 CY to 30.0 CY.**

3. The Gabion Mat quantity at 166 SY appears to be too low. Please advise what the correct quantity should be. By my calculations, I’m getting  $150\text{lf} \times 13\text{lf} = 216 \text{ SY}$

**Response: The quantity of the Gabion Mat should be 217 SY. Please use revised number with bid.**

4. The Rubble Rip Rap quantity of 39 TN appears too low. Please advise what the correct quantity should be to cover both areas shown on sheets 25 & 26.

**Response: The quantity of the Rubble Rip Rap should be 40.8 TN. Please use the revised number with bid.**

5. Sheet 9, Typical sections for Ben Blvd. and Queenswood Dr. both show Overlay SP-9.5 (1"). Sheet 18 shows Begin resurfacing at station 20+34.48 and sheet 19 shows the road connecting into Queenswood at approx. station 24+15. This length of 381LF at 21LF wide calculates to 889SY. Sheet 19 shows Begin resurfacing Queenswood at station station 30+00 and sheet 23 shows end resurfacing at station 38+60. This length of 860LF at 20LF wide calculates to 1,911SY. The total SY adds to be . . .

1,911SY

889SY

2,800SY

2,800SY @ 110lbs/SY = 308,000lbs or 154TN

The pay items bid price sheet for pay item 337-7-21 Superpave asphaltic concrete SP-9.5 (1" thick) shows 86 TN. Should this pay item be 154 TN?

Error in spreadsheet - did not pull correct value from cell. Correct value for pay item 337-7-21 is 153.7 TN

6. Pay item bid price sheet for pay item 350-1-1 Plain Cement Conc. Pavt. (6") shows 228SY. All five driveways total around 255SY or around a 50SY average. Should this pay item be 255SY?

AutoCAD Driveway areas:

Ben Lot 4: 465 sf

Ben Sta 22+15: 326 sf

Ben Sta 23+40: 446 sf

Queenswood Sta 38+00: 437 sf

Queenswood Lot 9: 368 sf

**Total: 2,042 sf**

**226.9 sy**

7. After totaling the minimum area of roadway to be removed in order to allow the RCP pipe placement, the total area calculated was around 1,700 SY. This take-off quantity is almost double the quantities for the Type B Stabilization at 889SY and the limerock base, 6" thick at 889SY. Also the SP-12.5 (1.25" thick) structural asphalt quantity of 70TN appears low if you use the take-off quantity of 1,700SY. 1,700SY @ 137lbs/SY = 232,900lbs. or 117TN. Should these three pay items be adjusted to the take-off quantities or will justified over-runs to these pay items be added to the contracted amount?

Quantities for Type B Stabilization, Limerock Base, and SP-12.5 Asphalt areas were measured based on a 10-foot wide trench over the pipe on Queenswood Drive. Additionally, a 4-foot wide area parallel to the proposed pipe on Ben Boulevard should be included. The total amounts for Type B Stabilization and 6" Limerock Base in 1,078 square yards. The total amount for SP-12.5 Asphalt pavement should be 92.6 Tons.

BC-11-01-11-11

Addendum #1

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Please note that the minimum pavement reconstruction width of 4-feet, per Note 3 - Sheet 9 of the construction plan set, should be sufficient along Ben Boulevard. Along Queenswood Drive it is preferred that pavement reconstruction be minimized as much as possible. Trench boxes should be utilized as needed.

## CONTRACTOR \_\_\_\_\_

Pay Item	Pay Item Description	Quantity	Units	Unit Price	Cost
101-1	MOBILIZATION	1	LS		0
102-1	MAINTENANCE OF TRAFFIC	1	LS		0
104-15	SOIL TRACKING PREVENTION DEVICE	3	EA		0
104-10-3	SEDIMENT BARRIER	848	LF		0
104-11	FLOATING TURBIDITY BARRIER	180	LF		0
110-1-1	CLEARING AND GRUBBING	1	LS		0
110-7-1	RELOCATE EXIST. MAILBOX	2	EA		0
120-5	CHANNEL EXCAVATION	159	CY		0
120-6	EMBANKMENT	38	CY		0
125-3	SELECT BEDDING MATERIAL	647	CY		0
160-4	TYPE B STABILIZATION (LBR 40 - 12")	1078	SY		0
285-703	LIMEROCK BASE, BASE GROUP 03, 6" THICK	1078	SY		0
337-7-21	SUPERPAVE ASPHALTIC CONCRETE SP-9.5 (1" THICK)	153.7	TN		0
334-1-13	SUPERPAVE ASPHALTIC CONCRETE SP-12.5 (1.25" THICK)	92.6	TN		0
350-1-1	PLAIN CEMENT CONC PAVT (6")	228	SY		0
400-2-2	CLASS I CONCRETE (ENDWALLS)	30	CY		0
400-2-15	CLASS I CONCRETE (MISCELLANEOUS)	2	CY		0
425-2-61	MANHOLES, P-8, <10'	1	EA		0
425-2-91	MANHOLES, J-8, <10'	7	EA		0
430-175-118	PIPE CULV, RCP, ROUND, 18"	64	LF		0
430-175-124	PIPE CULV, RCP, ROUND, 24"	62	LF		0
430-175-130	PIPE CULV, RCP, ROUND, 30"	599	LF		0
430-175-136	PIPE CULV, RCP, ROUND, 36"	610	LF		0
430-175-5334	PIPE CULV, RCP, ELLIPTICAL, 53"X34"	24	LF		0
430-830	PIPE FILLING AND PLUGGING	1	CY		0
410-70-063	PRECAST CONCRETE BOX CULVERT, 6' X 3'	161	LF		0
410-70-085	PRECAST CONCRETE BOX CULVERT, 8' X 5'	48	LF		0
515-23-1	PEDESTRIAN RAILING, 42" ALUMINUM PICKET	61	LF		0
524-1-2	CONCRETE DITCH PAVEMENT, 4"	5	SY		0
530-3-4	RUBBLE RIP-RAP	40.8	TN		0
530-76-2	GABION MAT, 9" THICK	217	SY		0
530-340-1	TREE PROTECTION BARRICADE	2020	LF		0
550-10-919	FENCING, 4' BLACK, VINYL COATED	421	LF		0
550-60-222	FENCE GATE, 8' DBL. SWING (16' OPENING)	1	EA		0
570-1-2	PERFORMANCE TURF (SODDING)	7192	SY		0
570-2-1	TREE REMOVAL, 12" - 18"	7	EA		0
570-2-2	TREE REMOVAL, 19" - 27"	1	EA		0
999-1-1	DEMOLITION REQUIRED ON LOTS 4 AND 5	1	LS		0
999-1-2	AS-BUILT	1	LS		0
999-1-3	STAKED HAY BALES	200	EA		0

TOTAL BID PRICE

0

PAY ITEM NOTES:

GENERAL:

1. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONCRETE PIPE CULVERT AND OTHER ITEMS AS DESCRIBED IN THE PAY ITEM NOTES.
2. NO SEPARATE PAYMENT WILL BE MADE FOR FILTER FABRIC. THE COSTS FOR FILTER FABRIC ARE INCLUDED IN THE UNIT PRICES FOR CONCRETE PIPE CULVERT, CONCRETE BOX CULVERT, HEADWALLS AND OTHER ITEMS AS DESCRIBED IN THE PAY ITEM NOTES.
3. ADDITIONAL QUANTITIES OF EROSION CONTROL AND/OR TREE PROTECTION ITEMS MAY BE NECESSARY AS DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

PAY ITEMS:

101-1 MOBILIZATION:

THE UNIT PRICE ALSO INCLUDES ALL COSTS FOR PREPARATION OF AN APPROVED CONSTRUCTION PROGRESS SCHEDULE, AN APPROVED PRECONSTRUCTION SURVEY, AN APPROVED TRAFFIC CONTROL PLAN, AN APPROVED DEWATERING PLAN, AN APPROVED SEDIMENT AND EROSION CONTROL PLAN, AND FURNISHING, INSTALLING AND REMOVING THE PROJECT SIGNS.

102-1 MAINTENANCE OF TRAFFIC:

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS REQUIRED TO SAFELY MAINTAIN TRAFFIC AROUND OR THROUGH THE WORK ZONE NOT INCLUDED FOR PAYMENT UNDER OTHER RELATED PAY ITEMS, INCLUDING WARNING AND REGULATORY SIGNS, MESSAGE BOARDS, DRUMS, BARRICADES, CHANNELIZING DEVICES, TEMPORARY CONCRETE BARRIER, WARNING LIGHTS, FLAGGERS, AND FOR THE MAINTENANCE OF EXISTING DRIVEWAYS, TEMPORARY PAVEMENT, AND REMOVAL AND REINSTALLATION OF EXISTING SIGNS IN CONFLICT WITH CONSTRUCTION AS DIRECTED BY THE ENGINEER.

104-110 FLOATING TURBIDITY BARRIER:

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIAL NECESSARY FOR THE INSTALLATION OF TURBIDITY BARRIERS TO PROTECT AGAINST DOWNSTREAM ACCUMULATION OF SEDIMENT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

104-18 RUBBLE RIPRAP INCLUDING CEMENT AND FILTER FABRIC UNDERLAY.

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS NECESSARY FOR THE INSTALLATION AND MAINTENANCE OF RUBBLE RIPRAP.

110-1-1 CLEARING AND GRUBBING:

THE UNIT PRICE ALSO INCLUDES REMOVAL AND DISPOSAL OF CURBS, SIDEWALKS, DRIVEWAYS, DRAINAGE STRUCTURES, PIPES, SIGNING AND STRIPING AND ALL OTHER STRUCTURES AND OBSTRUCTIONS NECESSARY TO BE REMOVED AND FOR WHICH OTHER ITEMS OF THE CONTRACT DO NOT SPECIFY THE REMOVAL THEREOF. PARTIAL PAYMENTS WILL BE BASED UPON THE ESTIMATED TOTAL VALUE OF WORK COMPLETED TO THE DATE OF THE ESTIMATE AS DETERMINED BY THE ENGINEER. ALL PARTIAL ESTIMATES AND PAYMENTS ARE SUBJECT TO CORRECTION IN SUBSEQUENT ESTIMATES AND PAYMENT.

125-3 SELECT BEDDING MATERIAL:

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL WORK REQUIRED FOR FURNISHING, PLACING, AND COMPACTING SELECT MATERIAL FOR THE INSTALLATION OF CONCRETE PIPE TO THE LIMITS AND DENSITIES SPECIFIED ON THE PLANS. FINAL PAY QUANTITY WILL BE PLAN QUANTITY WITH NO CONSIDERATION FOR SPECIFICATION TOLERANCES.

430-175-118, 430-175-124, 430-175-130 , 430-175-136, 430-175-5334 CONCRETE PIPE CULVERT (CLASS III): THE UNIT PRICE ALSO INCLUDES PAYMENT FOR SHEETING AND/OR SHORING, DEWATERING, FILTER FABRIC, PLACING, AND COMPACTING SELECT BEDDING MATERIAL TO THE LIMITS AND DENSITIES SHOWN ON THE PLANS, AND FURNISHING SELECT MATERIAL FOR BACKFILL WHEN SUITABLE MATERIAL IS NOT AVAILABLE ON SITE.

334-1-2 SUPERPAVE ASPHALTIC CONCRETE

THE UNIT PRICE ALSO INCLUDES ADJUSTMENT OF ALL EXISTING UTILITY FRAMES AND COVERS AND ALL WATER AND GAS VALVES WITHIN THE LIMITS OF CONSTRUCTION TO BE FLUSH WITH FINISHED PAVEMENT AND ALL REQUIRED SIGNING AND STRIPING.

410-70-063, 410-70-085 PRECAST CONCRETE BOX CULVERT

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS NECESSARY TO FURNISH AND INSTALL PRECAST REINFORCED CONCRETE BOX CULVERT INCLUDING REINFORCING STEEL, SHEETING AND/OR SHORING, DEWATERING, FILTER FABRIC, FURNISHING SELECT MATERIAL FOR BACKFILL WHEN SUITABLE MATERIAL IS NOT AVAILABLE ON-SITE, AND FOR FURNISHING AND PLACING A 1-1/2" MINIMUM THICKNESS OF ASPHALT PAVEMENT MILLINGS OR FINE TYPE SP ASPHALTIC CONCRETE AT THE GROUND SURFACE OF PIPE TRENCHES IN PAVED AREAS FOR SEDIMENT AND EROSION CONTROL UNTIL THE FINAL PAVEMENT IS PLACED.

430-830 PIPE FILLING AND PLUGGING

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS REQUIRED TO PERMANENTLY PLACE EXISTING PIPE CULVERTS OUT OF SERVICE IN ACCORDANCE WITH SECTION 430-4.5 OF THE STANDARD SPECIFICATIONS.

530-76-2: GABION MAT

THE UNIT PRICE INCLUDES FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED FOR THE CONSTRUCTION OF GABION MATS AS SHOWN ON THE PLANS.

550-10-919 FENCING, 4' BLACK, VINYL COATED

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS REQUIRED FOR INSTALLATION OF 4' BLACK VINYL COATED FENCE AS SHOWN ON THE PLANS. ALL MATERIALS INCLUDING POSTS, POST CAPS, RAILS, TIES, TRUSS RODS, FASTENERS, TENSION BARS, MESH, ETC. SHALL BE BLACK.

570-1-2: PERFORMANCE TURF (SODDING)

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED FOR ESTABLISHING A STAND OF GRASS BY SODDING, INCLUDING FURNISHING AND PLACING SOD, FERTILIZER, WATER, AND MAINTENANCE.

580-340-1: TREE PROTECTION

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY FOR THE INSTALLATION AND MAINTENANCE OF TREE PROTECTION BATTER BOARDS, INCLUDING MATERIAL AND POSTS, AND REMOVAL AND DISPOSAL OFF SITE OF TREE PROTECTION BATTER BOARDS UPON COMPLETION OF CONSTRUCTION.

999-1-1: DEMOLITION REQUIRED ON LOTS 4 AND 5

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS NECESSARY FOR THE DEMOLITION AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER INCLUDING ASBESTOS TESTING AND OFF-SITE DISPOSAL OF WASTE MATERIALS. DEMOLITION SHALL INCLUDE PROPER ABANDONMENT OF SEPTIC TANKS PER LEON COUNTY HEALTH DEPARTMENT AND CITY OF TALLAHASSEE/LEON COUNTY AQUIFER PROTECTION PROGRAM REGULATIONS.

999-1-2 ASBUILT SURVEY

THE UNIT PRICE CONSTITUTES FULL COMPENSATION FOR ALL LABOR AND MATERIALS FOR ASBUILT SURVEY OF ALL IMPROVEMENTS AND VIDEO DOCUMENTATION OF ALL NEW PIPE CONSTRUCTED.



930 THOMASVILLE ROAD  
SUITE 200  
TALLAHASSEE, FLORIDA 32303  
PHONE 850.298.4213  
FAX 850.298.4498  
WWW.INOVIAGROUP.COM  
CA8225

NO.	BY	REVISIONS	DATE

CLIENT: LEON COUNTY PUBLIC WORKS  
PROJECT: BEN BOULEVARD INFRASTRUCTURE IMPROVEMENTS  
SHEET: PAY ITEM NOTES

PLAN RELEASE STATUS	
<input type="checkbox"/>	PROGRESS PRINT
<input type="checkbox"/>	PERMIT RELEASE
<input type="checkbox"/>	BID RELEASE
<input type="checkbox"/>	CONSTRUCTION RELEASE
RELEASE DATE: 13 Oct 11	
DRAWN BY:	INITIAL DATE
CHECKED BY: RAJ	
SCALE: AS SHOWN	

RICHARD A. JENKINS, P.E.  
PE NO.: 68365  
DATE: 13 Oct 11

REV: 02/11 0211 11:58PM J:\PROJECTS\2510025\_004\_00\DWG\BASE.DWG

QTY.	STR. NO.	STATION	DESCRIPTION	BARRELS	STORMDRAIN							MANHOLES		CONCRETE CLASS 1 (CY)	REMARKS	
					18"	24"	30"	36"	53"X24"	6'X3'	8'X5'	J-8 <10'	P-8 <10'			
P		20+30	ENDWALL, PIPE	1			21'							3.26		
F																
P	S-10A	20+53	MANHOLE, PIPE	1			182'					1				
F																
P	S-10	22+36	MANHOLE, PIPE	1			167'					1				
F																
P	S-20	20+04	MANHOLE, PIPE,	1			208'					1				
F																
P	S-30	32+20	MANHOLE, PIPE	1			313'					1				
F																
P	S-40	35+33	MANHOLE, PIPE	1			224'					1				
F																
P	S-50	37+57	MANHOLE, PIPE	1			73'					1				
F																
P	S-60	38+32	MANHOLE, PIPE	1			24'					1				
F																
P	S-70	38+56	MANHOLE, CBC, ENDWALL	1					161'			1		10.00		
F																
P		37+78	ENDWALL, PIPE	1		62'								2.24		
F																
P		38+60	ENDWALL, PIPE	1	35'									1.56		
F																
P		BEN	ENDWALL, PIPE, ENDWALL	1			21'							6.68	BEN BLVD DRIVE PIPE	
F																
P		JACKSON	ENDWALL, CBC, ENDWALL	1						48'				4.00	JACKSON VIEW DITCH	
F																
P		BEN	ENDWALL, PIPE, ENDWALL	1	29'									2.30	CROSS DRAIN AT BEN BLVD. - QUEENSWOOD INTERSECTION	
F																
P																
F																
P																
F																
<b>TOTALS</b>						64'	62'	599'	610'	24'	161'	48'	7	1	30.04	
PLAN QUANTITY																
FINAL QUANTITY																



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NO.	BY	REVISIONS	DATE

LEON COUNTY  
PUBLIC WORKS  
BEN BOULEVARD  
INFRASTRUCTURE IMPROVEMENTS  
SUMMARY OF DRAINAGE STRUCTURES

PROGRESS PRINT	
PERMIT RELEASE	
BID RELEASE	
CONSTRUCTION RELEASE	
RELEASE DATE: 13 Oct 11	
DRAWN BY: SCOT	
CHECKED BY: RAJ	
SCALE: AS SHOWN	

RICHARD A. JENKINS, P.E.  
PE NO.: 68365  
DATE: 13 Oct 11

2011 07 14 10:11:42 AM J:\Projects\2510025\04\_001\DWG\IBASE.DWG