

**24. Approve Amendment #1 to PS-528-98/BJC – Construction Engineering and Inspection Services for C.R. 427 – Phases V and VI, with URS Corporation, Orlando (\$148,660.90).**

PS-528-98/BJC provides for services necessary to administer the construction contract in the manner so as to determine that the project is constructed in reasonable conformity with the plans, specifications and contract provisions. Amendment #1 will provide for an increase to the dollar amount for the Master Agreement to cover additional construction engineering and inspection services necessary to be concurrent with the contract extension granted to the Construction Contractor. The approval is based on relocation of existing canopies and fences for driveway construction, new fencing in accordance with the site plan for the Kids House of Seminole County, extensions of existing contract item for subsoil excavation and yard drains and adjustment of existing manholes. The following is a summary of the cost of the contract:

Original Contract Sum	\$1,000,000.00
Add Amendment #1	<u>148,660.90</u>
Revised Contract Sum	\$1,148,660.90

Authorization for performance of services by the Consultant under this agreement shall be in the form of written Work Orders issued and executed by the County and signed by the Consultant. The work and dollar amount for each Work Order will be negotiated on an as-needed basis for each project based on established rates schedule.

Funds are available in account numbers 077515-56067000 (Engineering, Roads) and 077521-56067000 (Arterial Road Projects, Roads) CIP #DE56047Z. Public Works/Engineering and Fiscal Services/Purchasing and Contracts Division recommend the Board to approve and authorize the Chairman to execute the Amendment.

FIRST AMENDMENT TO CONSTRUCTION, ENGINEERING AND INSPECTION SERVICES AGREEMENT (PS-528-98/BJC) / COUNTY ROAD 427, PHASES V AND VI PROJECTS

THIS AMENDMENT is made and entered into this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, and is to that certain Agreement made and entered into on the 29th day of November, 2000, between URS CORPORATION whose address is 315 East Robinson Street, Suite 245, Orlando, Florida 32801, hereinafter referred to as CONSULTANT, and SEMINOLE COUNTY, a political subdivision of the State of Florida, whose address is Seminole County Services Building, 1101 East First Street, Sanford, Florida 32771, hereinafter referred to as COUNTY.

W I T N E S S E T H:

WHEREAS, the CONSULTANT and COUNTY entered into the above referenced Agreement on November 29, 2000, for construction, engineering and inspection services for the County Road 427, Phases V and VI, projects; and

WHEREAS, the parties desire to amend the Agreement so as to enable both parties to continue to enjoy the mutual benefits it provides; and

WHEREAS, Section 23 of the Agreement provides that any amendments shall be valid only when expressed in writing and duly signed by the parties,

**NOW, THEREFORE,** in consideration of the mutual understandings and agreements contained herein, the parties agree to amend the Agreement as follows:

1. Section 5 of the Agreement is amended to read:

**SECTION 5. COMPENSATION.** The COUNTY agrees to compensate the CONSULTANT for the professional services called for under this Agreement on either a "Fixed Fee" basis or on a "Time Basis Method". If a Work Order is issued under a "Time Basis Method," then CONSULTANT shall be compensated in accordance with the rate schedule attached as Exhibit "C". If a Work Order is issued for a "Fixed Fee Basis," then the applicable Work Order Fixed Fee amount shall include any and all reimbursable expenses. The total amount of compensation, including reimbursable expenses, paid to the CONSULTANT under the terms of this Agreement, shall not exceed the sum of ONE MILLION ONE HUNDRED FORTY-EIGHT THOUSAND SIX HUNDRED SIXTY AND 90/00 DOLLARS (\$1,148,660.90).

2. Except as herein modified, all terms and conditions of the Agreement shall remain in full force and effect for the term of this Agreement, as originally set forth in said Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this instrument for the purpose herein expressed.

ATTEST:

URS CORPORATION

\_\_\_\_\_  
, Secretary

By: \_\_\_\_\_  
JIMMY D. ALLISON, P.E.,  
Vice President

(CORPORATE SEAL)

Date: \_\_\_\_\_

ATTEST:

BOARD OF COUNTY COMMISSIONERS  
SEMINOLE COUNTY, FLORIDA

\_\_\_\_\_  
MARYANNE MORSE  
Clerk to the Board of  
County Commissioners of  
Seminole County, Florida.

By: \_\_\_\_\_  
DARYL G. MCLAIN, Chairman

Date: \_\_\_\_\_

For the use and reliance  
of Seminole County only.  
Approved as to form and  
legal sufficiency.

As authorized for execution  
by the Board of County Commis-  
sioners at their \_\_\_\_\_,  
20\_\_\_, regular meeting.

\_\_\_\_\_  
County Attorney

January 27, 2003

Seminole County  
Attn: Mr. Stephen Krug  
Principal Coordinator  
520 W. Lake Mary Blvd. - Suite 200  
Sanford, FL 32773

Reference: CR 427 Phases V & VI  
Project: FC – 1142-00/BJC  
CEI Project: PS – 528-98/BJC  
Letter No.: 0203

**Subject: Additional Compensation**

Dear Mr. Krug:

Per Change Orders #03 and #06 contract time for the subject project is being extended a total of 110 calendar days due to weather, time suspension and added work. As a result, URS requests additional compensation to cover costs through these extended periods. Our additional costs are based on 94 days within the time extensions granted to the contractor. See the attached Time Extension Analysis.

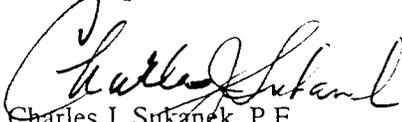
Attached is a summary of our estimated costs along with the appropriate backup.

Please process an amendment to our contract to extend time and to increase our fee in the amount of \$150,267.58.

If you have questions or require additional information, please advise.

Sincerely,

URS Corporation



Charles J. Sukanek, P.E.  
Senior Project Engineer

Attachment

cc: Gene Balter – URS  
File

SEMINOLE COUNTY CEI  
CR 427 PHASES 5 & 6  
SUMMARY

ADDITIONAL FEE SUMMARY

EXTENDED DURATION  
SEMINOLE COUNTY CEI  
CR 427 PHASES 5 & 6

URS CORPORATION - FEE	\$143,717.58
URS - VEHICLES	\$6,550.00
NODARSE & ASSOC - FEE	\$0.00
TOTAL	<u>\$150,267.58</u>



SEMINOLE COUNTY CEI  
 CR 427 PHASES 5 & 6  
 URS CORPORATION ADDITIONAL FEE

Prepared by: URS Corporation

ADDITIONAL LABOR COST			
Classification	Total Manhours	Billing Rate ✓	Total Cost
Resident Engineer	102.4	\$109.67	\$11,230.21 ✓
Project Engineer	512.0	\$69.47	\$35,568.64 ✓
Project Engineer (OT)	61.44 61.4	\$69.47	\$4,268.24
Office Engineer	0.0	\$63.80	\$0.00
Clerk/Typist	512.0	\$33.80	\$17,305.60 ✓
Senior Inspector	512.0	\$50.88	\$26,050.56 ✓
Senior Inspector (OT)	61.44 61.4	\$61.19	\$3,759.51 ✓
Inspector 1	512.0	\$38.86	\$19,896.32 ✓
Inspector 1 (OT)	61.44 61.4	\$46.73	\$2,871.09 ✓
Inspector 2	512.0	\$38.86	\$19,896.32 ✓
Inspector 2 (OT)	61.44 61.4	\$46.73	\$2,871.09 ✓
<b>TOTAL</b>	<b>2908.2</b>		<b>\$143,717.58</b> ✓

Overtime based on 12% of Regular Time  
 Resident Engineer at 20%

ADDITIONAL VEHICLE COST				
Type of Vehicle	Position	Months	Monthly Cost	Total Cost
2000 Jeep Sport 4 X 4	Res Eng	0.7	\$500.00	\$350.00
2000 Ford Ranger XL 2 X2	Proj Eng	3.1	\$500.00	\$1,550.00
2000 Ford Ranger XL 2 X2	Sr Inspector	3.1	\$500.00	\$1,550.00
2000 Ford Ranger XL 2 X2	Inspector 1	3.1	\$500.00	\$1,550.00
2000 Ford Ranger XL 2 X2	Inspector 2	3.1	\$500.00	\$1,550.00
<b>TOTAL COST</b>				<b>\$6,550.00</b> ✓

SEMINOLE COUNTY CEI  
 CR 427 PHASES 5 & 6  
 URS CORPORATION ADDITIONAL FEE

TIME EXTENSION ANALYSIS

<b>Contractor - BLD</b> (Change Orders # 03 and # 06)	
Reason	Days
Weather Days	34
Time susensions	16
Time Extensions (R/W - Added Work)	60
<b>TOTAL</b>	<b>110</b>

<b>CEI - URS Corporation</b>	
Reason	Days
Weather Days	34
Time susensions	0
Time Extensions (R/W - Added Work)	60
<b>TOTAL</b>	<b>94</b>

Total extension for URS = 94 days

$4.33 \text{ weeks per month} \times 7 \text{ days per week} = 30.31 \text{ days per month}$

$\text{Time extension} = 94 \text{ days} / 30.31 \text{ days per month} = 3.1 \text{ months}$

$\text{Hours} = 3.1 \text{ months} \times 165 \text{ hours per month} = 512 \text{ hours}$

SEMINOLE COUNTY CEI  
 CR 427 PHASES 5 & 6  
 SEMINOLE COUNTY CEI  
 CR 427 PHASES 5 & 6  
 MANLOADING FOR EXTENDED DURATION

Contract Duration: 22 months or 670 days, includes 30 days before construction  
 and 30 days after construction  
 Extended Duration: 28 months

Prepared by: URS Corporation

Classification	2001											2002											Total Months	Total Man-hrs							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			23	24	25	26	27	28	29
	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D			J	F	M	A	M	J	J
Resident Engineer	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		5.6	924.0
Project Engineer	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		28.0	4620.0
Office Engineer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Clerk/Typist	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		27.5	4537.5
Senior Inspector		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			26.0	4290.0
Inspector 1			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				24.0	3960.0
Inspector 2				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				22.0	3630.0
																														0.0	0.0
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<b>Total</b>	1.7	3.2	4.2	4.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.2	2.2		133.1	21961.5	

Manhours based on 165 hours per month.



**LETTER OF  
TRANSMITTAL**

**TO:** County Attorney's Office  
**ATTN:** Lola Pfeil  
**FOR:** Ann Colby

**FROM:** Purchasing and Contracts Division  
**CONTACT:** Betsy J. Cohen,  
Contracts Supervisor, Ext. 7112

**DATE:** February 7, 2003

**Re:** PS-528-98/BJC - Amendment #1 -  
CEI for CR 427 - Phases V and  
VI

**REQUESTED BY:** February 20, 2002

**DOCUMENTS ATTACHED:**

- Work Order
- PS- Documents
- Scope
- Previous Agreement
- 
- \_\_\_\_\_

**REQUESTED ACTION:**

- Your signature
- Prepare Draft Agreement
- Return for revisions
- Prepare Agreement(s)
- For your information
- Prepare Amendment
- Review & comment

**Comments:**

Please prepare Amendment #1 to PS-528-98/BJC to increase the Not-to-Exceed amount by \$148,660.90 for a revised total of \$1,148,660.90. The Amendment will be presented to the Board on 2/25/2003.

If you have any questions, please call. Thank you.

January 27, 2003

Seminole County  
Attn: Mr. Stephen Krug  
Principal Coordinator  
520 W. Lake Mary Blvd. - Suite 200  
Sanford, FL 32773

**Reference:** CR 427 Phases V & VI  
**Project:** FC – 1142-00/BJC  
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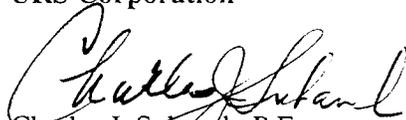
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<b>TOTAL</b>	<b>94</b>

Total extension for URS = 94 days

4.33 weeks per month X 7days per week = 30.31 days per month

Time extension = 94 days / 30.31 days per month = 3.1 months

Hours= 3.1 months X 165 hours per month = 512 hours

SEMINOLE COUNTY CEI  
 CR 427 PHASES 5 & 6  
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Office Engineer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Clerk/Typist	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		27.5	4537.5
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Inspector 1			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				24.0	3960.0
Inspector 2				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				22.0	3630.0
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