



County of Greenville

"... At Your Service"

**ADDENDUM #2
Energy Efficiency Project Manager
RFP #12-11/11/09**

ISSUED: November 4, 2009

NOTICE TO VENDORS:

The following revisions, additions, and clarifications are hereby made part of the Contract Documents for the above-referenced project and shall be taken into account in the preparation of all Responders and executioners of all Work. Responders shall acknowledge receipt of the Addendum in their response.

1. Section IV Scope of Work, Sub-section E. Qualifications should read:

The selected contractor must be registered with the Central Contractor Registration (CCR) and must maintain a DUNS number. Project managers shall be LEED AP certified as Energy Managers. Contractor must have a minimum of 8 years experience with similar type projects. Qualifications of key team members must be included in RFP. The County prefers a Contractor with an accreditation from a national trade association for energy services, however, if one team member is accredited this would satisfy the qualification.

2. Omit the following project listed in Section IV Scope of Work, Sub-section C. Projects, LEC/Detention Center:

"Install 10 ton air conditioning system for E-911 Server Room to server area from dependency on building 200 ton chillers."

3. Add the criteria "Cost" to Section II General Terms and Conditions, Paragraph 19 and Section IV Scope of Work, Subsection F. Evaluation Criteria.

4. Section VII. Score Sheet, page 55 shall be replaced with the attached score sheet as revised.

5. The following shall be added to Section IV Scope of Work as Sub-section I. Pricing:

Pricing shall be for the entire project. Vendor shall submit pricing on all project services, equipment needed and all related expenses. Responders should remember that this is a federal grant and funding is limited.

6. **Mechanical and Lighting Drawings are available on CD for a price of \$5.00. CD's may be picked up at the Procurement Services Division, 301 University Ridge, Suite 100, Greenville, SC 29601. Support documentations for the plans are added as attachments to the RFP.**

Attachment A – Detailed Lighting Description for Facilities

Attachment B – Details of Direct Digital Control Systems, Variable Air Volume Boxes, Air Handler Units, and Power Fans

Attachment C – Model Numbers of Gas Pack Units for Family Court

END OF ADDENDUM



**County of Greenville, South Carolina
Energy Efficiency Project Manager
RFP#12-11/11/09**

VII. SCORE SHEET

Responses to the Energy Efficiency Project Manager

FIRM: _____ **DATE:** _____

Non Responsive	CRITERIA					Total Score	Comments
	Low	Medium Low	Average	Medium High	High		
0	1	2	3	4	5	Responsiveness to all elements of this RFP.	
0	1	2	3	4	5	Qualifications and Certification	
0	1	2	3	4	5	Preliminary plan and Timeline of project completion.	
0	1	2	3	4	5	Approach to ensuring a safe work environment.	
0	1	2	3	4	5	Approach to organizing and managing project, ensuring a high quality project.	
0	1	2	3	4	5	Demonstrates new approaches and techniques to provide a higher quality and better end product or comparable product at a cost savings.	
0	1	2	3	4	5	Proposed methodologies and demonstrated ability for monitoring costs.	
0	1	2	3	4	5	Minimum 8 years experience with similar type projects.	
0	1	2	3	4	5	Qualifications of key team members.	
0	1	2	3	4	5	History of completing projects within the original time schedule and within or under budget.	
0	1	2	3	4	5	Regional offices located within 200 mile of Greenville County.	
0	1	2	3	4	5	References.	
0	1	2	3	4	5	Cost.	

MAXIMUM POINTS: 65

TOTAL SCORE _____



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**ATTACHEMENT A
Energy Efficiency Project Manager
RFP #12-11/11/09**

Detailed Lighting Descriptions for Facilities

LEC/Detention Building 1

Quantity	Description
872	4'2 Tube F40 T12
612	4'4 Tube F40 T12
237	4'2 Tube w/ Night Light
40	2 Tube U Tube F40 T12
16	4'1 Tube F40 T12
5	8'2 Tube F40 T12
37	60W Incandescent 2 Lamp
56	60W Incandescent 1 Lamp
33	9W BIAx 2 Lamp
2	9W BIAx 1 Lamp
111	100W Mercury
71	175W Mercury

LEC/Detention Building 2

Quantity	Description
689	4'2 Tube F40 T12
12	Incandescent (Chase)

Family Court

Quantity	Description
54	4 FT. Four Tube Light Fixtures Lamp – F34CW/RS/WM/ECO 23010 Ballast – Advance V-2S40-1-TP (Two Per Fixture) Voltage – 277
375	4 FT. Two Tube Light Fixtures Lamp – F34CW/RS/WM/ECO 23010 Ballast – Advance V-2S40-1-TP (One Per Fixture) Voltage – 277
35	4 FT. One Tube Light Fixtures Lamp – F34CW/RS/WM/ECO 23010 Ballast – Advance V-140-2-TP (One Per Fixture) Voltage – 277

4	Enclosed Signage Lights (Drive Thru Open/Closed Signs) Lamp – 25 Watt Special Housing Incandescent Bulbs (Two Per Sign) Voltage – 120
12	250 Watt Metal Halide Fixtures (Decorative Center Court Room Lights) Lamps – GE 250 Watt Metal Halide MVR250/U 42729 (One Per Fixture) Voltage 277
30	Exterior lighting Can Lights and Fixture Lights Lamps – 100 watt High Pressure Sodium Lamps LU100/MED 13250 Voltage – 277 (One Per Fixture)
6	2 FT. U – Shape Light Fixtures Lamps – F35CW/U/6/WM (Two Per Fixture) Ballast – Universal B240R277HP (One Per Fixture) Voltage – 277
175	Sconce lighting On Walls and Can Lighting Lamps – 13 Watt Biax F13BX/827/ECO (Two Per Fixture) Ballast – Universal C213UNVSE (One Per Fixture) Voltage – 277
25	Sconce Lighting on Walls and Can Lighting Lamps – 26 Watt Biax F26DBX/835/ECO4P (Two Per Fixture) Ballast – Universal C2642UNVSE (One Per Fixture) Voltage - 277

Health Department

Quantity	Department
1097	4 ft. Four Tube Light Fixtures with Lens Cover Ballast – B240R120HP 120 Volt Two Tube (Two Per Fixture) Lamp – GE F34CW/RS/WM/ECO 23010 (Four Per Fixture)
32	4 Ft. Two Tube Strip Fixtures Ballast – B240R120HP 120 Volt Two Tube Lamps – GE F34CW/RS/WM/ECO 23010
10	Two Tube 8 Ft. Strip Fixtures Ballast – GE GEM296HORS120 120 Volt Lamps – GE F96T12/CW/WM 13729
65	Outside Can Light Fixtures Lamps – 27 Watt Spring Lamp 18927 Power Source – 120 Volt Photo Cell

34	Interior Incandescent Fixtures and Can lights (Restrooms and Hallways) Lamps – 13 Watt GE Mini-Spiral FLE13HT2/2/XL/SW
24	Interior Can Lights (Conference Rooms Only) Lamps – 15 Watt Spring Lamp 120 Volt Lamps (All Dimmable)

Vehicle Service Center

Quantity	Description
18	4FT. Light Fixtures Lamps – F34CW/RS/WM/ECO 23010 (Four Per Fixture) Ballast – B240R120HP (Two Per Fixture) Voltage – 120
33	4FT. Light Fixtures Lamps – F34CW/RS/WM/ECO 23010 (Two Per Fixture) Ballast – B240R120HP (One Per Fixture) Voltage 120
10	4FT. Light Fixtures Lamps – F34CW/RS/WM/ECO 23010 (Three Per Fixture) Ballast – B240R120HP (Two Per Fixture) Voltage – 120
7	Incandescent Fixtures Bulb – 67 Watt Incandescent (One Per Fixture) Voltage – 120
24	Incandescent Fixtures Bulb – 75 Watt GE Flood Lamps (One Per Fixture) Voltage – 120
104	8FT. Light Fixtures Lamps – F96T12/CW/WM 13729 (Two Per Fixture) Ballast – GEM296HORS120 (One Per Fixture) Voltage – 120
2	2FT. Light Fixtures Lamp – F20T12/CW (Two Per Fixture) Ballast – RL25P20TP (One Per Fixture) Voltage - 120



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**ATTACHEMENT B
Energy Efficiency Project Manager
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**Details of Direct Digital Control Systems, Variable Air
Volume Boxes, Air Handler Units, and Power Fans**

Direct Digital Control Systems (DDC)

Facility	DDC Brand
County Square	Siemens Apogee
Health Department	York
Court House	Honeywell Excel
Detention Center Building Four	Johnson

Variable Air Volume Boxes (VAV) (All are EnviroTex Boxes)

VAV	Size	Control Seq	KW	Stage
A-1	8	BTX4	2.7	1
A-2	8	BTX4	2	1
A-3	8	BTX4	2	1
A-4	16	BTX8	8	3
B-1	24x	BTX8	12	4
B-2	16	BTX7	8	3
B-3	24x	BTX8	16	4
B-4	24x	BTX8	14	4
B-5	14	BTX6	6	2
C-1	18	BTX7	10.2	3
C-2	24X	BTX8	14	4
C-3	24X	BTX8	12	4
C-4	24X	BTX8	12	4
C-5	18	BTX7	10	3
C-6	8	BTX4	3	1
C-7	16	BTX7	3	1
D-1	18	BTX7	9	3
D-2	24X	BTX8	12	4
D-3	24X	BTX8	13	4
D-4	12	BTX5	5	2
E-1	12	BTX5	5	2
E-2	10	BTX5	4	2
E-3	18	BTX7	10	3
E-4	8	BTX4	3	1

E-5	18	BTX7	12	3
E-6	18	BTX7	10	3
E-7	14	BTX6	7	2
E-8	12	BTX5	4	2
E9	16	BTX7	9	3
F-1	24X	BTX8	13	4
F-2	18	BTX7	10	3
F-3	24X	BTX8	11	4
F-4	18	BTX7	10	3
F-5	18	BTX7	10	3
F-6	18	BTX7	11	3
G-1	18	BTX7	10	3
G-2	18	BTX7	10	3
G-3	18	BTX7	9	3
G-4	18	BTX7	10	3
I-1	12	BTX5	5	2
I-2	8	BTX4	3	1
I-3	14	BTX6	6	2
M-2	10s (or z)	SD60Z		
M-4	10(s)	SD60Z		
M-5	1018	SD60Z		
M-8	10(s)	SD60Z		
M-9	10(7)	SD60Z		
M-10		SD60Z		
N-1	16	BTX7	9	3
N-2	14	BTX6	7	2
N-3	8	BTX4	3	1
N-4	16	BTX7	9	3
N-5	8	BTX5	3	1
N-6	14	BTX6	7	2
N-7	12	BTX5	5	2
N8	16	BTX7	8	3
N-9	10	BTX5	4	2
N-10	8	BTX4	2	1
N-11	6	BTX4	2	1
N-12		16CAO	6	2
N-13		16CAO	4	2
U-1	14	BTX6	7/2	2
U-2	24	BTX8	12	4
U-3	14	BTX6	7/2	2

**Air Handler Units
(AHU Motors Phase I)**

AHU	HP	Volts	AMPS
A	5	460	6.7
B	15	460	19
C	15	460	19
D	7.5	460	9.6
E	15	460	19
F	15	460	19
G	15	460	19
I	3	460	4
M	10	460	12.5
N	15	460	20
U	5	460	6.7

Power Fans Phase I

R - F 1-9 & N = 1 ½ HP	1735 RPM	208-230/460	3PH	4.8/2.4Amps	145T-TO-Frame
RF M = 2HP	1740 RPM	208-230/460	3PH	6.2/3.1 Amps	145T-TO-Frame
PFA - 1 = ½ HP	1725 RPM	208-230/460	3PH	2.4/1.2 Amps	56 - Frame
PFA - 2 = ¼ HP	1725 RPM	115 Volt	1 PH	5.6 Amp	48 - Frame
PFB 1 & 2 = ¾ HP	1725 RPM	208-230/460	3PH	3.0/1.5 Amps	56 - Frame
PFC 1 & 2 = ¾ HP	1725 RPM	208-230/460	3PH	3.0/1.5 Amps	56 - Frame
PFD 1 = 1 HP	1730 RMP	208-230/460	3PH	3.6/1.8 Amps	143T-TO-Frame
PFE 1 & 2 = ¾ HP	1725 RPM	208-230/460	3PH	3.0/1.5 Amps	56 - Frame
PFF 1-2 & 3 = ½ HP	1725 RPM	208-230/460	3PH	2.2/1.1 Amps	56 - Frame
PFG 1-2 & 3 = ¾ HP	1725 Rpm	208-230/460	3PH	3.0/1.5 Amps	56 - Frame



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ATTACHEMENT C
Energy Efficiency Project Manager
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Model Numbers of Gas Pack Units for Family Court

Unit Number	Model Number
1	48DJD02861C
2	48DJD012610
3	48DP016620
4	48DJD02861C
5	48DJE008616
6	48DJE005610
7	48DJE005610
8	48DJE005610
9	48DJE005610
10	48DJE005610