



PURCHASING DEPARTMENT
1772 County Services Parkway
Marietta, Georgia 30008-4012
(770) 528-8400/FAX (770) 528-1154

Rick Brun
DIRECTOR

ADDENDUM No. 5

**Sealed Bid # 10-5507
Request for Proposal
Design/Build
Energy HVAC Retrofits for Three Cobb County Buildings
DATE: August 5, 2010**

Page 1 of 8

The following addendum hereby amends and/or modifies the Proposal Documents and specifications as originally issued for this project. All proposers are subject to the provisions of this Addendum.

Proposers shall acknowledge receipt of this addendum.
Include this original form inside your proposal package.

This Addendum consists of:

- Questions submitted in writing
- Equipment Tables

All bids must be received before 12:00 (noon) by the Bid Opening date. Bids shall be delivered to Cobb County Purchasing Department, 1772 County Services Parkway, Marietta, GA 30008.

Electronic / faxed bid response will not be considered.

I acknowledge that I have received Addendum No. 5

**Sealed Bid # 10-5507
Design/Build
Energy HVAC Retrofits for Three Cobb County Buildings**

Company Name

Signature

Date Sent to Purchasing

Please Print Name

Please sign, date, and return this form ONLY to:
Cobb County Purchasing Department
Fax #: 770-528-1154
E-Mail: purchasing@cobbcounty.org

Please note: The deadline for questions is: August 3, 2010 by 5:00 pm
Any questions received after this deadline will not be considered.

Cobb County SEALED BID 10-5507
Design/Build for Energy HVAC Retrofits for Three Cobb County Buildings

ADDENDUM #5 – DATED August 4, 2010

BIDDERS ACKNOWLEDGE RECEIPT OF ADDENDA BY INSERTING THEIR NUMBER AND DATE ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION. ADDENDA FORM PART OF THE CONTRACT DOCUMENTS.

IN THE EVENT OF A CONFLICT BETWEEN THESE ADDENDUM ITEMS AND THOSE IN THE OTHER PARTS OF THE CONTRACT DOCUMENTS, THESE ADDENDUM ITEMS SHALL TAKE PRECEDENCE AND GOVERN.

Item #1: Answers to Question Submitted by Plan Holders

Q: I am told that the scope will be changed in this project to remove some of the unneeded items such as Test and Balance and engineering drawings for unit changeouts. I request clarification on these items.

A: Specifications were substantially changed and reissued in Addendum #3. Refer to Addendum #3 for revisions.

Q: (a) Per the bid documents all new work is to be completed in accordance with permitting authorities in Cobb County, Georgia, and with the latest editions of all applicable building Codes. Knowing this requirement, is it the Owners intent to have any potential code violations corrected in our lump sum base bid? Unfortunately there are many items to review and inspect by different representatives. It would be the contractors hope to address any Fire, Life Safety, or Building Code (MEP) items post bid or possibly include allowances for each building. This would alleviate any guessing toward the current as-built conditions.

(b) Please advise if it is the Owner intent to tie any new or existing equipment into the building fire alarm system. Should the answer be yes, please advise how we are to estimate this expense if there is not adequate fire alarm panel capacity to handle any new points.

A: (a) Bidders should estimate for code compliance expenses to activities directly related to replacement of equipment as provided in the revised specifications in Addendum #3, and should not anticipate or build in cost for any compliance issues beyond the limit of work. An example, (provided here to show intent only, not direction) would be the expense related to relocation or replacement of the duct smoke detector(s) mounted in, or immediately downstream of, the new air handlers to meet current code. Any additional code deficiencies “downstream” of the specified work that is required to be corrected by permitting authorities will be addressed during the project as a change order under the Owner’s allowance.

(b) Contractors will be required to tie in any new or relocated equipment into the building fire panel as required to meet code and/or by permitting authorities, and should price accordingly, and in accordance with guidance in (a) above. For the purposes of pricing, bidders should not include costs for upgrades or replacements of existing fire panels.

Q: We would like to request the Actual Existing Equipment Lists per each building.

A: Equipment tables are included at the end of this Addendum. Only equipment that corresponds to equipment listed in Table A, Section 1.08 of the revised specifications issued in Addendum #3 apply. Cobb County does not warrant the completeness or the accuracy of the information. Be advised that for purposes of bidding, responders should rely on the equipment tables provided in Table A referenced above.

Q: I will be bidding on the project for “The Art Place”, and I’ve ran across something in the specifications that the HVAC manufacturers are telling me isn’t possible. On page 01010-5, the efficiency standards are: Rooftop Package Unit w/direct fired gas heat: 1-5 tons 15 seer; 6-10 tons 13 seer; 10-25 tons 12 seer. On RTU’s, the seer rating is only used up to 5 ton. Above that, eer (no “s”) is used. And some of the ratings are a bit higher than can be achieved in 3-phase equipment in replacement applications. Please advise if there will be an addendum.

A: Bidders shall delete the Replacement Equipment Table provided in the revised specifications issued in Addendum #3, Section 1.05 – D – 7, with the following table.

EQUIPMENT REPLACEMENT TABLES

Description	Capacity	Cooling Efficiency	Heating Efficiency
Package Unit	1-5 tons	15 SEER	
Package Unit	6-10 tons	12 EER	
Package Unit	11-25 tons	12 EER	
Package Unit	26+ tons	10.8 EER	
Package Unit w/ direct fired gas heat	1-5 tons	15 SEER	80% AFUE
Package Unit w/ direct fired gas heat	6-10 tons	12 EER	78% AFUE
Package Unit w/ direct fired gas heat	10-25 tons	12 EER	80% AFUE
DX split system, straight cool CU w/ gas furnace	1-5 tons	15 SEER	91% AFUE
DX split system, straight cool CU w/ gas furnace	6-10 tons	12 EER	91% AFUE
DX split system, straight cool CU w/ gas furnace	10 - 25 tons	12 EER	
Heat Pump - Package	1-5 tons	15 SEER	8.0 HSPF
Heat Pump - Split System	1-5 tons	15 SEER	8.5 HSPF
Heat Pump	6-11 tons	11.5 EER *	3.4 COP*
Heat Pump	11-25 tons	11.5 EER *	3.2 COP *

Item #2 Comments on Buy American Requirement

Bidders are expected to perform due diligence to ensure all products to be installed in performance of work under this RFP meet ARRA Buy American requirements. Failure to specify compliant products will not, in and of itself, be justification for increases in project costs after contract award.

It has been noted by the Department of Energy that some manufacturers may be mis-representing their products as compliant with Buy American requirement of the American Recovery and Reinvestment Act of 2009 (ARRA). In particular, some manufacturers are listing products made in Canada, Mexico, or other countries subject to Free Trade Agreements (FTA) as compliant with the Buy American requirements of ARRA. This is inaccurate and products made in FTA member countries do not qualify for this project. The following guidance was excerpted from a DOE FAQ issue regarding trade agreements (underlining for emphasis):

General Guidance Regarding Application of Other International Agreements

For most EERE Recovery Act grantees, international trade agreements will not be a consideration because very few recipients are eligible to invoke the U.S.'s obligations under its trade agreements. (Refer to the list in the Appendix to Subpart B of 2 CFR Part 176 explained above.) Most local government and tribal entities are not a party to any international trade agreements. Also, for all projects valued below the \$7,804,000 threshold, the Buy American provision applies, unless a waiver has been granted by DOE for the specific manufactured good in question.

Cobb County is not aware of any waivers for manufactured goods anticipated for inclusion in this project.

For a full copy of the FAQ, bidders may refer to the following website, or to the DOE EERE program website for guidance on EECBG funded projects.
http://www1.eere.energy.gov/recovery/pdfs/faq_international_trade_agreements_and_buy_american_provisions.pdf

End of Addendum #4

Equipment Tables (4 pages) attached.

CPM EQUIPMENT LISTING							
BUILDING:	ANIMAL CONTROL BUILDING						
ADDRESS:	1060 Al Bishop Dr., Marietta, Ga.						
Type of Service:	Normal						
EQUIPMENT	SIZE	QTY.	MANUFACTURER	MODEL/SERIAL NO.	LOCATION	SCHEDULE	
A/H #1			TRANE	M#TUV100C94881 S/N KO4527464	Dock Mech Room	35A,35B,86	
A/H #1A			TRANE	M#TUJ100A94810 S/N J38532609	Dock Mech Room	35A,35B,86	
A/H #2			TRANE	M#TUJ100A948A0 S/N J38522612	Dock Mech Room	35A,35B,86	
A/H #2A			TRANE	M#TUJ100A94810 S/N J38532606	Dock Mech Room	35A,35B,86	
A/H #3			TRANE	M#TUJ100A960A0 S/N J38532707	Right Hall Mech Room	35A,35B,86	
A/H #3A			TRANE	M#TUJ100A960A0 S/N J38532701	Right Hall Mech Room	35A,35B,86	
A/H #4			CARRIER	M#58MXAO60 -12 S/N 2894A45664	Left Hall Mech Room	35A,35B,86	
Furnace - 5		1	TRANE	M#TUD100C960D	Office Ceiling	35A,35B,86	
Furnace - 6		1	TRANE	M#TUD100C948B	Office Ceiling	35A,35B,86	
Furnace - 7		1	TRANE	M#TUD100C960D	Office Ceiling	35A,35B,86	
Furnace - 8		1	TRANE	M#TUD100C948B	Office Ceiling	35A,35B,86	
Furnace - 9		1	TRANE	M#TUD100C960D	Office Ceiling	35A,35B,86	
VAV -1 AND 6		2	TRANE	M#VCCE - 06	Office Ceiling	100E,213	
VAV -2 AND 4		2	TRANE	M#VCCE - 11	Office Ceiling	100E,213	
VAV - 3 AND 5		2	TRANE	M#VCCE - 17	Office Ceiling	100E,213	
BPD - 1 AND 2		2	TRANE	M#VADA - 16	Office Ceiling	100E,213	
Pump - 1		1	BELL - GOSSET	M#PD - 355	Right Hall Mech Room	44A,44B	
WALK IN COOLER			HEAT CRAFT	M#TGH015D3T S/N T95DO1793	Loading Dock	25A	
SWAMP COOLER #1			TRANE	M#GRBA80GFBBON1DG10200 BE S/N A97F38596	Outside Right Kennel	35A,35B,43A,43B,91	
SWAMP COOLER #2			TRANE	M#GRBA80GFBBON1DG1020 0BE S/N A97F38597	Outside Left Kennel	35A,35B,43A,43B,91	
SWAMP COOLER #3			REZNOR	M#R-G-BL800-SMVJ S/N 3ATL9040F13	Outside Left Kennel	35A,35B,43A,43B,91	
ALL CONTROLS						100C	

CPM EQUIPMENT LISTING						
BUILDING:	ANIMAL CONTROL BUILDING					
ADDRESS:	1060 Al Bishop Dr., Marietta, Ga.					
Type of Service:	Normal					
EQUIPMENT	SIZE	QTY.	MANUFACTURER	MODEL/SERIAL NO.	LOCATION	SCHEDULE
CONDENSING UNITS						
CU - 1			TRANE	M#TTA090A400CA S/N J23198080	Behind Bldg	20A,20B,86
CU - 2			TRANE	M#TTA090A400CA S/N J23198080	Behind Bldg	20A,20B,86
CU - 3			TRANE	M#TTA090A400CA S/N J23198080	Left Side	20A,20B,86
CU - 4			TRANE	M#TTRO18C100A1 S/N J45256462	Left Side	20A,20B,86
CU - 5			CARRIER	M#58MXA060-12 S#2894A5647	Right Side	20A,20B,86
CU - 6			TRANE	M#TTRO36C100A2 S/N J44251786	Left Side	20A,20B,86
CU - 7			CARRIER	M#58MXA0060-12 S/N#?	Right Side	20A,20B,86
CU - 8			TRANE	M#TTRO36C100A2 S/N J44251767	Left Side	20A,20B,86
CU - 9			CARRIER	M#58MXA060-12 S#2894A5665	Right Side	20A,20B,86
Operational Inspections are to completed quarterly according to the Owner Approved schedule						
Annual Inspections are to completed once per year according to the Owner Approved schedule						
FILTERS:						
Furnace - 1	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 1A	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 2	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 2A	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 3	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 3A	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 4	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 5	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]
Furnace - 6	20x20x1	1	Disposable	30% Pleated		41 [Quarterly]

CPM EQUIPMENT LISTING						
BUILDING:	THE ART PLACE - MT. VIEW					
ADDRESS:	3330 SANDY PLAINS ROAD, MARIETTA					
Type of Service:	NORMAL					
EQUIPMENT	SIZE	QTY.	MANUFACTURER	MODEL/SERIAL NO.	LOCATION	SCHEDULE
WATER HEATER	84 GAL	1	AO SMITH	MJ890045314-880 BT181880	MECHANICAL RM	121A, 121B
EXHAUST FAN		3	SNYDER GENERAL	NO #	ROOF	50F, 50G
AIR COMPRESSOR	60 GAL	1	EXCELL COMPL.	XL13260151V515994	OUTSIDE IN FENCE	122A, 122B
SPACE HEATER	3.3KW	1	HARLEY ELECTRIC	HUH-34-8.SA NO SERIAL #	MECHANICAL RM	36A, 36B
SPACE HEATER	3.3KW	1	HARLEY ELECTRIC	HUN-34-85.A NO SERIAL #	MECHANICAL RM	36A, 36B
EXHAUST FAN			SNYDER GENERAL	NO #	ROOF	50F, 50G
EXHAUST FAN			SNYDER GENERAL	NAME PLATE FADED	ROOF	50F, 50G
EXHAUST FAN			SNYDER GENERAL	CANNOT READ PLATE	ROOF	50F, 50G
RTU-4		1	LENNOX	GC516-653-125-IG S#5491E01398	ROOF	14A, 14B
RTU-1		1	LENNOX	GCS16-513-125-IG S#NONE SHOWN	ROOF	14A, 14B
RTU-5		1	LENNOX	GC516-653-125-IG S# 5491E01399	ROOF	14A, 14B
RTU-2		1	LENNOX	GCS16-1853-330-IG S35691D01117	ROOF	14A, 14B
RTU-3		1	LENNOX	GCS16-1853-330-IG S#5691D011116	ROOF	14A, 14B
RTU-6		1	LENNOX	GSC161353270-6G S#5691H00455	ROOF	14A, 14B
ALL CONTROLS			VARIES	VARIES	VARIES	100C
RTU-7		1	LENNOX	GCS16-1353-270-6G S#5691C00260	ROOF	14A, 14B
FILTERS						
RTU1	ROOF	1	20X25X1	30% PLEATED		41
RTU2	ROOF	4	24X24X2	30% PLEATED		41
RTU3	ROOF	4	24X24X2	30% PLEATED		41
RTU4	ROOF	1	18X25X1	30% PLEATED		41
RTU5	ROOF	1	20X25X1	30% PLEATED		41
RTU6	ROOF	4	16X25X2	30% PLEATED		41
RTU7	ROOF	4	16X25X2	30% PLEATED		41

CPM EQUIPMENT LISTING						
BUILDING:	PURCHASING DEPARTMENT					
ADDRESS:	1772 COUNTY SERVICES PARKWAY, MARIETTA, GA					
Type of Service:	NORMAL					
EQUIPMENT	SIZE	QTY.	MANUFACTURER	MODEL/SERIAL NO.	LOCATION	SCHEDULE
FURNACE 1	100K	1	RHEEM	M#RGPH-10EBRJR S#EV5D307F389700632	MECH ROOM	35A, 35B, 86
FURNACE 2	100K	1	CARRIER	M#58G01002A S#2176A0Q643	CEILING 2ND FLOOR	35A, 35B, 86
FURNACE 3A	80K	1	AMERICAN STANDARD	M#AUD1B08DA9481AA S#8421KU81G	MECH ROOM 2ND FLOOR	35A, 35B, 86
FURNACE 3B	80K	1	AMERICAN STANDARD	M#AUD08DC948K4 S#5162JE91G	MECH ROOM 2ND FLOOR	35A, 35B, 86
FURNACE 4	100K	1	AMERICAN STANDARD	M#AUD1B100A9451AA S#6463K6X1G	WAREHOUSE (Records/Lobby)	35A, 35B, 86
PACKAGE HEAT PUMP	7.5 TON	1	YORK	M#B1CH090A25A S#MFXM128038	GROUND (Printshop)	20A, 20B, 86
AIR HANDLER 5	5 TON	1		M#NBH5Q605KA1 S#L912235543	CEILING BID ROOM	35A, 35B, 86
AIR HANDLER 6	2 Ton	1	CARRIER	M#FB4ANF024 S#3200A64261	CEILING 2ND FLR. ELEV. LOBBY	35A, 35B, 86
CONDENSOR 1	5 TON	1	RHEEM	M#RACC-056CAS S#4147F08885946	GROUND	20A, 20B, 86
CONDENSOR 2	5 TON	1	GOODMAN	M#CK60-3C S#9808509034	GROUND	20A, 20B, 86
CONDENSOR 3	7.5 TON	1	CARRIER	M#38BA008540 S#0481G1G510	GROUND	20A, 20B, 86
CONDENSOR 4	3.5 TON	1	CARRIER	M#38CKC042540 S#2903E12875	GROUND	20A, 20B, 86
HEAT PUMP 5	5 TON	1	TEMPSTAR	M#CH5060VHA3 S#L902423879	GROUND	20A, 20B, 86
HEAT PUMP 6	2 TON	1	CARRIER	M#38YCC024300 S#2700E36750	GROUND	20A, 20B, 86
EXHAUST FANS		6			WAREHOUSE	50F,50G
ALL CONTROLS			VARIOUS		BUILDING	100C
Operational Inspections are to completed quarterly according to the Owner Approved schedule						
Annual Inspections are to completed once per year according to the Owner Approved schedule						
FILTERS: SCH 41						
4 FURNACES	1X16X25	1	Disposable	30% Pleated		41 [Quarterly]