



INVITATION TO BID NO: 10-X-2220167

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING

REQ. AGENCY : 005000 DEPARTMENT OF CORRECTIONS  
AGENCY REQ. NO. : ENGERY  
T-NUMBER : TA792  
DATE ISSUED : 07/08/10  
VENDOR NO. :  
VENDOR PHONE NO. :  
SNAP REQ. NO. : 1443200  
BUYER NAME : RAY BRESSLER

INVITATION TO BID

FOR: ENERGY UPGRADE FINANCING  
MANDATORY PRE-BID CONF 7/15/10 9:00 AM

BUYER PHONE NO. : (334) 242-4670-  
PURCHASING PHONE NO: (334) 242-7250

BID MUST BE RECEIVED BEFORE:  
DATE: 07/26/10 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:  
DATE: 07/27/10 TIME: 2:00 PM

TO BE COMPLETED BY VENDOR

INFORMATION IN THIS SECTION SHOULD BE PROVIDED, AS APPROPRIATE. BID RESPONSE MUST BE IN INK OR TYPED WITH ORIGINAL SIGNATURE AND NOTARIZATION.

1. DELIVERY: CAN BE MADE \_\_\_\_\_ DAYS OR \_\_\_\_\_ WEEKS AFTER RECEIPT OF ORDER
2. TERMS: \_\_\_\_\_(DISCOUNTS ARE TAKEN WITHOUT REGARD TO DATE OF PAYMENT.)
3. PRICE VALID FOR ACCEPTANCE WITHIN \_\_\_\_\_ DAYS.
4. VENDOR QUOTATION REFERENCE NUMBER, IF ANY: \_\_\_\_\_  
(THIS NUMBER WILL APPEAR ON THE PURCHASE ORDER.)
5. E-MAIL ADDRESS: \_\_\_\_\_  
INTERNET WEBSITE: \_\_\_\_\_
6. GENERAL CONTRACTOR'S LICENSE NO: \_\_\_\_\_  
TYPE OF G.C. LICENSE: \_\_\_\_\_

\*\*\*\*\* IMPORTANT NOTE: \*\*\*\*\*

BIDDERS MUST COMPLY WITH ALL "BID RESPONSE INSTRUCTIONS" ON PAGE 2, TO INCLUDE ITEM 7 - COPY REQUIREMENT.

RETURN INVITATION TO BID:

US MAIL

COURIER

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING  
P O BOX 302620  
MONTGOMERY, AL 36130-2620

STATE OF ALABAMA  
DIVISION OF PURCHASING  
RSA UNION BUILDING  
100 N. UNION ST., SUITE 192  
MONTGOMERY, AL 36104

SIGNATURE AND NOTARIZATION REQUIRED

I HAVE READ THE ENTIRE BID AND AGREE TO FURNISH EACH ITEM OFFERED AT THE PRICE QUOTED. I HERBY AFFIRM I HAVE NOT BEEN IN ANY AGREEMENT OR COLLUSION AMONG BIDDERS IN RESTRAINT OF FREEDOM OF COMPETITION BY AGREEMENT TO BID AT A FIXED PRICE OR TO REFRAIN FROM BIDDING.

SWORN TO AND

FEIN OR SSN

AUTHORIZED SIGNATURE (INK)

SUBSCRIBED BEFORE ME THIS

COMPANY NAME

TYPE/PRINT AUTHORIZED NAME

DAY OF

MAIL ADDRESS

TITLE

NOTARY PUBLIC

CITY, STATE, ZIP

TOLL FREE NUMBER

TERM EXP:

PHONE INCLUDING AREA CODE

FAX NUMBER

STANDARD TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -  
ITB NO. : 10-X-2220167 PAGE 2  
OPEN DATE : 07/27/10 TIME: 2:00 PM  
T-NUMBER : TA792  
RETURN DATE: 07/26/10 TIME: 5:00 PM

INVITATION TO BID

AUTHORITY:

THE DEPARTMENT OF FINANCE CODE OF ADMINISTRATIVE PROCEDURE, CHAPTER 355-4-1 EFFECTIVE DECEMBER 20, 2001 IS INCORPORATED BY REFERENCE AND MADE A PART OF THIS DOCUMENT. TO RECEIVE A COPY CALL (334)242-7250, OR OUR WEBSITE WWW.PURCHASING.ALABAMA.GOV .

INFORMATION AND ASSISTANCE TO MINORITY AND WOMEN-OWNED BUSINESSES IN ACQUIRING M/WBE CERTIFICATION MAY BE OBTAINED FROM THE OFFICE OF MINORITY BUSINESS ENTERPRISE, 1-800-447-4191.

BID (ITB) RESPONSE INSTRUCTIONS REV: 01/14/10

1. TO SUBMIT A RESPONSIVE BID, READ THESE INSTRUCTIONS, ALL TERMS, CONDITIONS AND SPECIFICATIONS.
2. BID ENVELOPES/PACKAGES/BOXES MUST BE IDENTIFIED ON FRONT, PREFERABLY LOWER LEFT CORNER AND BE VISIBLE WITH THE BID NUMBER AND OPENING DATE. EACH INDIVIDUAL BID (IDENTIFIED BY A UNIQUE BID NUMBER) MUST BE SUBMITTED IN A SEPARATE ENVELOPE. RESPONSES TO MULTIPLE BID NUMBERS SUBMITTED IN THE SAME ENVELOPE/COURIER PACKAGE, THAT ARE NOT IN SEPARATE ENVELOPES PROPERLY IDENTIFIED, WILL BE REJECTED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR LATE BIDS FOR ANY REASON INCLUDING THOSE DUE TO POSTAL, OR COURIER SERVICE. BID RESPONSES MUST BE IN THE DIVISION OF PURCHASING OFFICE PRIOR TO THE "RECEIVE DATE AND TIME" INDICATED ON THE BID.
3. BID RESPONSES (PAGE 1, PRICE SHEET AND ADDENDUMS (WHEN SIGNATURE IS REQUIRED)) MUST BE IN INK OR TYPED ON THIS DOCUMENT. OR EXACT FORMAT WITH SIGNATURES BEING HANDWRITTEN ORIGINALS IN INK (PERSON SIGNING BID, NOTARY, AND NOTARY EXPIRATION), OR THE BID WILL BE REJECTED. UNLESS INDICATED IN THE BID, ALL PRICE PAGES MUST BE COMPLETED AND RETURNED. IF AN ITEM IS NOT BEING BID, IDENTIFY IT AS NB (NO-BID). PAGES SHOULD BE SECURED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR MISSING PAGES. FAXED BID RESPONSES WILL NOT BE ACCEPTED.
4. THE UNIT PRICE ALWAYS GOVERNS REGARDLESS OF THE EXTENDED AMOUNT. A UNIT PRICE CHANGE ON A LINE MUST BE INITIALED BY THE PERSON SIGNING THE BID, OR THAT LINE WILL BE REJECTED. THIS INCLUDES A CROSS-OUT, STRIKE-OVER, INK-OVER, WHITE-OUT, ERASURE, OR ANY OTHER METHOD CHANGING THE PRICE.
5. A "NO BID" MUST BE RETURNED TO REMAIN ON A CLASS/SUBCLASS. RETURN PAGE 1 OR NOTIFICATION PAGE MARKED "NO-BID". IDENTIFY IT ON THE ENVELOPE AS A "NO-BID". FAILING TO RESPOND TO 3 ITB'S WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. RESPONDING WITH 6 "NO-BIDS" WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. A "NO-BID" RECEIVED LATE IS CONSIDERED A NO RESPONSE.
6. THE DIVISION OF PURCHASING IS NOT RESPONSIBLE FOR MISINTERPRETATION OF DATA FAXED FROM THIS OFFICE.
7. THE DIVISION OF PURCHASING REQUIRES AN ORIGINAL AND A MINIMUM OF ONE COMPLETE EXACT COPY (TO INCLUDE SIGNATURE AND NOTARY) OF THE INVITATION-TO-BID RESPONSE. THE ORIGINAL AND THE COPY SHOULD BE SUBMITTED TOGETHER AS A BID PACKAGE. FAILURE TO MARK RESPONSES AS "ORIGINAL" AND/OR "COPY" COULD RESULT IN THE ENTIRE BID RESPONSE BEING REJECTED.
8. AN IMPROPERLY SUBMITTED BID, LATE BID, OR BID THAT IS CANCELLED ON OR BEFORE THE OPENING DATE WILL BE HELD FOR 90 DAYS AND THEN DESTROYED. THE BID MUST BE RETRIEVED DURING REGULAR WORK HOURS, MONDAY - FRIDAY, EXCEPT STATE HOLIDAYS. AFTER THE BID IS DESTROYED, THE DIVISION OF PURCHASING ASSUMES NO RESPONSIBILITY FOR THE DOCUMENT.

DISQUALIFIED/CANCELLED BID

BIDS THAT ARE IMPROPERLY SUBMITTED OR RECEIVED LATE WILL BE A RESPONSE FOR RECORD, BUT WILL NOT BE RETURNED OR A NOTIFICATION MAILED.

THE FOLLOWING IS A PARTIAL LIST WHEREBY A BID RESPONSE WILL BE DISQUALIFIED:

- BID NUMBER NOT ON FACE OF ENVELOPE/COURIER PACKAGE/BOX
- RESPONSES TO MULTIPLE BID NUMBERS IN SAME ENVELOPE NOT PROPERLY IDENTIFIED
- BID RECEIVED LATE
- BID NOT SIGNED/NOT ORIGINAL SIGNATURE
- BID NOT NOTARIZED/NOT ORIGINAL SIGNATURE OF NOTARY AND/OR NO NOTARY EXPIRATION
- NOTARIZED OWN SIGNATURE
- REQUIRED INFORMATION NOT SUBMITTED WITH BID
- FAILURE TO SUBMIT THE ORIGINAL BID AND A COMPLETE EXACT COPY

CERTIFICATION PURSUANT TO ACT NO. 2006-557

ALABAMA LAW (SECTION 41-4-116, CODE OF ALABAMA 1975) PROVIDES THAT EVERY BID SUBMITTED AND CONTRACT EXECUTED SHALL CONTAIN A CERTIFICATION THAT THE VENDOR, CONTRACTOR, AND ALL OF ITS AFFILIATES THAT MAKE SALES FOR DELIVERY INTO ALABAMA OR LEASES FOR USE IN ALABAMA ARE REGISTERED, COLLECTING, AND REMITTING ALABAMA STATE AND LOCAL SALES, USE, AND/OR LEASE TAX ON ALL TAXABLE SALES AND LEASES INTO ALABAMA. BY SUBMITTING THIS BID, THE BIDDER IS HEARBY CERTIFYING THAT THEY ARE IN FULL COMPLIANCE WITH ACT NO. 2006-557, THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGES THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.

SPECIAL TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -  
ITB NO. : 10-X-2220167  
OPEN DATE : 07/27/10 TIME: 2:00 PM  
T-NUMBER : TA792  
RETURN DATE: 07/26/10 TIME: 5:00 PM

PAGE 3

INVITATION TO BID

INTENT TO AWARD

EFFECTIVE MAY 1, 2008, THE STATE OF ALABAMA - DIVISION OF PURCHASING WILL ISSUE AN 'INTENT TO AWARD' BEFORE A FINAL AWARD IS MADE. THE 'INTENT TO AWARD' WILL CONTINUE FOR A PERIOD OF FIVE (5) CALENDAR DAYS, AFTER WHICH A PURCHASE ORDER WILL BE PRODUCED. UPON FINAL AWARD, ALL RIGHTS TO PROTEST ARE FORFEITED. A DETAILED EXPLANATION OF THIS PROCESS MAY BE REVIEWED IN THE ALABAMA ADMINISTRATIVE CODE - CHAPTER 355-4-1(14).

ALTERNATE BID RESPONSE

UNLESS STATED ELSEWHERE IN THIS INVITATION-TO-BID (ITB) THE STATE OF ALABAMA WILL ACCEPT AND EVALUATE ALTERNATE BID SUBMITTALS ON ANY ITB'S. ALTERNATE BID RESPONSES WILL BE EVALUATED ACCORDING TO THE REQUIREMENTS AS ALL OTHER RESPONSES TO THIS ITB.

INTERNET WEBSITE LINK'S

INTERNET AND/OR WEBSITE LINKS WILL NOT BE ACCEPTED IN BID RESPONSES AS A MEANS TO SUPPLY ANY REQUIREMENTS STATED IN THIS ITB (INVITATION-TO-BID).

PRODUCT DELIVERY, RECEIVING AND ACCEPTANCE

IN ACCORDANCE WITH THE UNIVERSAL COMMERCE CODE (CODE OF ALABAMA, TITLE 7), AFTER DELIVERY, THE STATE OF ALABAMA HAS THE RIGHT TO INSPECT ALL PRODUCTS BEFORE ACCEPTING. THE STATE WILL INSPECT PRODUCTS IN A REASONABLE TIMEFRAME. SIGNATURE ON A DELIVERY DOCUMENT DOES NOT CONSTITUTE ACCEPTANCE BY THE STATE. THE STATE WILL ACCEPT PRODUCTS ONLY AFTER SATISFACTORY INSPECTION.

SALES TAX EXEMPTION

PURSUANT TO THE CODE OF ALABAMA, 1975, TITLE 40-23-4 (A) (11), THE STATE OF ALABAMA IS EXEMPT FROM PAYING SALES TAX. AN EXEMPTION LETTER WILL BE FURNISHED UPON REQUEST.

INVOICES

INQUIRIES CONCERNING PAYMENT AFTER INVOICES HAVE BEEN SUBMITTED ARE TO BE DIRECTED TO THE RECEIVING AGENCY, NOT THE DIVISION OF PURCHASING

BID RESPONSES AND BID RESULTS

UNEVALUATED BID RESPONSES (NOT BID RESULTS) ARE AVAILABLE ON OUR WEB SITE AT WWW.PURCHASING.ALABAMA.GOV. BID RESULTS WILL BE MADE AVAILABLE FOR REVIEW IN THE DIVISION OF PURCHASING OFFICE, BUT ONLY AFTER THE BID HAS BEEN AWARDED. WE DO NOT FAX OR MAIL COPIES OF BID RESULTS. IF A VENDOR WISHES TO REVIEW BID RESULTS IN OUR OFFICE, THEY SHOULD FAX THEIR REQUEST TO REVIEW THE BID TWO DAYS IN ADVANCE TO THE "BID REVIEW CLERK" AT (334) 242-4419. BE SURE TO REFERENCE THE BID NUMBER.

FOREIGN CORPORATION - CERTIFICATE OF AUTHORITY

ALABAMA LAW PROVIDES THAT A FOREIGN CORPORATION (AN OUT-OF-STATE COMPANY/FIRM) MAY NOT TRANSACT BUSINESS IN THE STATE OF ALABAMA UNTIL IT OBTAINS A CERTIFICATE OF AUTHORITY FROM THE SECRETARY OF STATE. SECTION 10-2B-15.01, CODE OF ALABAMA 1975. TO OBTAIN FORMS FOR A CERTIFICATE OF AUTHORITY, CONTACT THE SECRETARY OF STATE, CORPORATIONS DIVISION, (334) 242-5324. THE CERTIFICATE OF AUTHORITY DOES NOT KEEP THE VENDOR FROM SUBMITTING A BID.

BID IDENTIFICATION

REFERENCE PAGE 2, ITEM 2. DUE TO THE POSTAL SERVICE PUTTING BAR CODE LABELS ON ENVELOPES, IT CONCEALS THE BID NUMBER AND DATE IF THE VENDOR HAS WRITTEN THEM OTHER THAN THE LOWER LEFT CORNER, THEREFORE THE BID WOULD BE REJECTED FOR NOT BEING PROPERLY IDENTIFIED.

SPECIAL TERMS & CONDITIONS

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ITB NO. : 10-X-2220167  
OPEN DATE : 07/27/10 TIME: 2:00 PM  
T-NUMBER : TA792  
RETURN DATE: 07/26/10 TIME: 5:00 PM

PAGE 4

INVITATION TO BID

AWARD:

EACH ITEM MUST BE PRICED SEPARATELY. HOWEVER, AN "ALL OR NONE" AWARD MAY BE MADE TO INSURE COMPATIBILITY AND/OR MAINTENANCE INTEGRITY WHERE APPLICABLE. AWARD WILL BE MADE TO THE LOWEST RESPONSIBLE BIDDER(S) MEETING ALL SPECIFICATIONS.

ASSIGNMENT OF CONTRACT:

TO ASSIGN, SUBLET OR TRANSFER ANY CONTRACT RESULTING FROM THIS SOLICITATION, THE VENDOR'S WRITTEN REQUEST MUST BE APPROVED BY THE STATE PURCHASING DIRECTOR.

BLANK LINES:

TO EVALUATE THE BID IN AN EFFICIENT MANNER, THE VENDOR SHOULD FILL-IN ALL BLANK LINES APPLICABLE TO A SPECIFIC COMMODITY DESCRIPTION.

REQUESTED INFORMATION:

ANY ADDITIONAL INFORMATION REQUESTED FROM A VENDOR MUST BE FURNISHED WITHIN TEN (10) DAYS FROM RECEIPT OF REQUEST.

SPECIAL TERMS & CONDITIONS

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ITB NO. : 10-X-2220167  
OPEN DATE : 07/27/10 TIME: 2:00 PM  
T-NUMBER : TA792  
RETURN DATE: 07/26/10 TIME: 5:00 PM

PAGE 5

INVITATION TO BID

THE FOLLOWING CONFERENCES WILL BE HELD

CONFERENCE

LOCATION

MANDATORY PRE-BID CONFERENCE  
DATE: 07/15/10  
TIME: 9:00 AM

ST OF ALA/ DEPT FINANCE  
DIV OF PURCHASING/ STE 192  
100 N UNION ST  
MONTGOMERY AL 36104

PRICE SHEET

VENDOR NAME :

VENDOR NUMBER: -  
ITB NO. : 10-X-2220167 PAGE 6  
OPEN DATE : 07/27/10 TIME: 2:00 PM  
T-NUMBER : TA792  
RETURN DATE: 07/26/10 TIME: 5:00 PM

INVITATION TO BID

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
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UNLESS SPECIFIED OTHERWISE BELOW:  
SHIP TO: 005000 / 005M00  
DEPARTMENT OF CORRECTIONS  
PROCUREMENT OFFICE  
2699 MARON SPILLWAY  
SPEIGNER  
ELMORE AL 36025-0000

00001	COMMODITY CODE: 946-00-083521 FINANCIAL SERVICES FOR ENERGY UPGRADE FINANCING AS FOLLOWS: (NON-ARRA) CONSTRUCTION PERIOD (MONTHS) 24 REPAYMENT PERIOD (YEARS) 20 PAYMENT STRUCTURE SEMI-ANNUAL INTEREST RATE (*) _____ 20 YEAR TERMS MARKET INDEX AAA MMD SPREAD (BASIS POINTS) _____ OTHER FEES, IF ANY _____ SEMI-ANNUAL PAYMENT AMOUNT _____	1	LT	_____	_____
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\* INTEREST RATE USED FOR DETERMINING  
LOW BID WILL BE RATE POSTED ON INDEX  
(AAA MMD) THE DAY BEFORE BIDS ARE  
TABULATED. BIDDER DOES NOT HAVE TO  
FILL-IN INTEREST RATE BLANK LINE  
SINCE THIS FIGURE WILL BE THE SAME  
FOR ALL BIDDERS.

FOR NON-ARRA FINANCING NO PAYMENTS WILL  
BE MADE UNTIL AFTER THE CONSTRUCTION  
PERIOD

00002	COMMODITY CODE: 946-00-083521 FINANCIAL SERVICES FOR ENERGY UPGRADE FINANCING AS FOLLOWS: (ARRA) CONSTRUCTION PERIOD (MONTHS) 18 REPAYMENT PERIOD (YEARS) 2 PAYMENT STRUCTURE QUARTERLY INTEREST RATE (*) _____ 2 YEAR TERMS MARKET INDEX AAA MMD SPREAD (BASIS POINTS) _____ OTHER FEES, IF ANY _____ SEMI-ANNUAL PAYMENT AMOUNT _____	1	LT	_____	_____
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NO ENTRY IS REQUIRED ON INTEREST RATE  
BLANK LINE SINCE THIS WILL BE SAME FOR  
ALL BIDDERS - RATE FROM INDEX ON DAY  
BEFORE BIDS ARE TABULATED.

FOR ARRA FINANCING PAYMENT WILL BEGIN  
6 MONTHS INTO THE CONTRUCTION PERIOD  
SPREAD MUST BE LOCKED IN FOR 120 DAYS

\*\*\*\*\* R E M E M B E R \*\*\*\*\*

EACH BIDDER MUST RETURN ORIGINAL BID AND  
ONE COMPLETE EXACT COPY OF ORIGINAL BID  
TO PURCHASING TO BE CONSIDERED FOR AWARD

PAGE TOTAL \_\_\_\_\_

PRICE SHEET

VENDOR NAME :

VENDOR NUMBER: -  
ITB NO. : 10-X-2220167  
OPEN DATE : 07/27/10 TIME: 2:00 PM  
T-NUMBER : TA792  
RETURN DATE: 07/26/10 TIME: 5:00 PM

PAGE 7

INVITATION TO BID

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY UNIT	UNIT PRICE	EXTENDED AMOUNT
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THERE IS A MANDATORY PRE-BID CONFERENCE ON 07-15-10 @ 9:00AM IN STATE PURCHASING WHICH IS IN SUITE 192 AUDITORIUM OF RSA UNION BUILDING ON 100 N UNION STREET IN MONTGOMERY, ALABAMA.

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QUESTIONS MAY BE ASKED DURING PRE-BID CONFERENCE OR MAY BE SENT TO AGENCY CONTACT STEVE.BROWN@DOC.ALABAMA.GOV WITH COPY TO BUYER AT RAY.BRESSLER@PURCHASING.ALABAMA.GOV UNTIL 2:00PM 07-21-10

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PAGE TOTAL

BID TOTAL

\_\_\_\_\_  
\_\_\_\_\_

1. Respondents must accept the attached lease purchase agreement without modification.
2. Respondents must deposit a certified check for \$100,000. The checks of respondents not chosen will be returned within 48 hours of award.
3. Respondents will have to provide financing on two separate schedules. The State has been awarded a \$20.9M grant under the State Energy Program. The payback schedule for these funds will not exceed 24 months. All other project funding (approximately \$77M...\$61M in the first phase and an additional \$16M within 120 days) will use a 20 year payback schedule. Projects will be done in phases with separate payback schedules and different rates.
4. All payments will be made semi-annually
5. Respondents must quote the rate in effect on the date of the response, with such rate to be composed of the "AAA" Municipal Market Dealers Index, as published daily by Thompson Reuters, plus a spread. Each response should indicate that this methodology (current AAA MMD index plus the spread) will remain in effect for phase II financing.
6. Respondents must provide a minimum of five references of completed financing agreements (a minimum of two must be Energy Performance Contracts). References must include at least three financing agreements for more than \$50M.
7. Respondents or their parents, affiliates, or partners, must have a Bond Credit Rating of A or higher.

## LEASE PURCHASE AGREEMENT

This Lease Purchase Agreement (hereinafter referred to as "Agreement") dated and effective as of \_\_\_\_\_ (the "Effective Date") by and between \_\_\_\_\_, an \_\_\_\_\_ corporation (hereinafter referred to as "Lessor") and the Alabama Department of Corrections, an agency of the State of Alabama (hereinafter referred to as "Lessee") (Lessor and Lessee are referred to individually as a "Party" and collectively as the "Parties"). Unless the context otherwise clearly requires, the capitalized terms herein shall have the respective meanings set forth in Exhibit A for all purposes of this Agreement.

WHEREAS, the Lessor and the Lessee have entered into an agreement for the Lessee's acquisition of certain equipment to be installed at various locations owned or operated by the Lessee; and

WHEREAS, in order to finance the acquisition and installation of the equipment and improvements; and

WHEREAS, Lessor desires to provide financing for the energy-savings improvements to be acquired through an Energy Services Agreement on an installment payment method with tax-exempt financing; and

WHEREAS, as security for Lessor's providing of funds for acquisition and installation of the Equipment under the terms of this Agreement, Lessee has agreed to grant to Lessor a perfected first priority security interest in the Equipment; and

WTTNESSETH, in consideration of the mutual covenants and conditions hereinafter set forth, the Parties hereto agree as follows:

1. **Agreement to Lease Equipment.** Lessor hereby agrees to lease or cause to be leased to Lessee, and Lessee shall lease from Lessor, the Equipment, all on the terms and conditions set forth in this Agreement, to have and to hold for the Agreement Term. Lessor shall have no obligation to make any disbursement to a Vendor, reimburse Lessee for any payment made to a Vendor, or consent to any request to release funds from the Equipment Acquisition Fund for acquisition of the Equipment until Lessor has received, in form and substance satisfactory to Lessor, executed counterparts of all exhibits, instruments and certificates attached hereto, required by any provision of this Agreement, or incorporated herein by reference.

2. **Term and Payments.** The Agreement Term applicable to this Agreement shall commence on the Effective Date hereof and shall terminate

upon the earliest to occur of any of the following events: (a) the payment by Lessee of all Rental Payments, Additional Payments, any rebate payments and any other payments required to be paid by Lessee hereunder; or (b) the payment of the entire Prepayment Option Price as provided in Paragraph 16 hereof and any Additional Payments due hereunder; or (c) Lessor's election to terminate this Agreement under Paragraph 17 due to Lessee's default hereunder; or (d) an event of nonappropriation under Paragraph 3 hereof. Lessee shall pay to Lessor the Rental Payments in lawful money of the United States of America, in the amounts and on the dates set forth in Exhibit C. The Rental Payments shall be payable without notice or demand when due at such place as Lessor shall direct writing. Notwithstanding any dispute between Lessee, Lessor, any Vendor or any other person, Lessee shall make all Rental Payments when due and shall not withhold any Rental Payments pending Final resolution of such dispute. The obligation of Lessee to make the Rental Payments enumerated in Exhibit C shall be absolute and unconditional in all events and shall not be subject to any set-off, defense, counterclaim or recoupment for any reason, including Equipment failure or defect. Without limiting the generality of the foregoing, Lessee shall not be entitled to any abatements, reductions, setoffs, or recoupment for any reason whatsoever, due to any present or future claims of Lessee against Lessor or any other person under this Agreement or otherwise, against the Vendor of any item of Equipment, or by reason of any defect in or damage to, or loss or destruction of all or any of the Equipment from whatsoever cause, or the interference with the use thereof, or any insolvency, bankruptcy, reorganization or similar proceedings by or against Lessor or Lessee, it being the intention of the Parties hereto that the Rental Payments and Additional Payments payable by Lessee under this Agreement shall continue to be payable in all events, unless the obligation to pay the same shall expire or be eliminated pursuant hereto. However, Lessee does not waive any defense or claim that it may have against any party arising out of any breach of this Agreement.

Interest on this Agreement shall begin to accrue from the Effective Date.

Lessee shall pay to Lessor as Additional Payments hereunder, in addition to the Rental Payments payable by Lessee, such amounts in each year as shall be required by Lessor in payment of any reasonable costs and expenses incurred by Lessor in connection with the execution or performance of this Agreement, the lease of the Equipment to Lessee, including, without limitation, insurance premiums not otherwise paid hereunder and all other reasonable, direct and necessary administrative costs of Lessor or charges required to be paid by it in order to comply with the terms of this Agreement. Such Additional Payments shall be billed to Lessee by Lessor from time to time, together with a statement certifying that the amount so billed has been paid by Lessor for one or more of the items described, or that such amount is then payable by Lessor for such items. Reasonable amounts so billed shall be due and payable to Lessor within thirty (30) calendar days after receipt of the bill by Lessee.

3. **Non appropriation and Right of Termination.** The obligations of Lessee to make Rental Payments and to make any other payments to Lessor (or to any other person) pursuant to this Agreement are subject to appropriation by the Legislature of the State of Alabama of funds that are lawfully available to be applied for such purpose. If such an appropriation is not made prior to a Fiscal period of Lessee, for the Rental Payments scheduled in such fiscal period, Lessor may terminate this Agreement without penalty, or Lessee may terminate this Agreement by providing written notice of such Nonappropriation to Lessor as soon as the decision to nonappropriate is made. Upon any such termination of this Agreement, all of Lessee's rights, title and interest in and its obligation under this Agreement and to the Equipment shall terminate effective on the last day of the last fiscal period of Lessee for which such an appropriation was made.

4. **Taxes and Other Governmental Charges.** Lessee shall keep the Equipment free and clear of all levies, liens and encumbrances, except those created under this Agreement. Lessee shall timely pay when due, all charges and taxes, including but not limited to, assessments, license fees, taxes (including sales, use, excise, personal property, ad valorem, stamp, documentary and other taxes) and all other governmental charges, fees, fines or penalties whatsoever, if any, whether payable by Lessor or Lessee, now or hereafter imposed by any governmental body or agency on or relating to the Equipment, the Rental Payments, or the use, registration, rental shipment, transportation, delivery, ownership or operation of the Equipment and on or relating to this Agreement including Gross-Up Rent in the event the interest on this Agreement is or becomes taxable. If Lessor pays any charges or taxes for which Lessee is responsible or liable under this Agreement, Lessee shall promptly reimburse Lessor therefore. Lessee shall be required to maintain adequate and fall records relating to the Equipment including but not limited to records concerning payments made under this Paragraph 4, and shall provide Lessor and its assigns evidence of any and all payments made pursuant to this Paragraph 4, immediately upon payment thereof and in any event at least annually.

5. **Lessee's Covenants and Representations.** Lessee covenants and represents as follows:

(a) Lessee is a state or a governmental entity and political subdivision organized under the laws of the State.

(b) Lessee represents, and will provide an opinion of its counsel to the effect that it has full power and authority to enter into this Agreement; that this Agreement has been duly authorized, executed, and delivered by Lessee, and is a valid and binding obligation of Lessee enforceable in accordance with its terms; that Lessee is a state or a political subdivision of the State within the meaning of Section 103 (c) of the Code and is duly organized, existing and operating under the constitution and laws of the State; that all requirements for

execution, delivery and performance of this Agreement have been, or will be, complied with in a timely manner; and that the portion of the Rental Payments designated as interest on the payment schedule attached hereto as Exhibit C is exempt from income taxation under applicable federal and State of Alabama law;

(c) All Rental Payments hereunder have been, and will be, duly authorized and paid when due out of funds then on hand and legally available for such purposes; subject to Paragraph 3, Lessee will, to the extent permitted by State law and other terms and conditions of this Agreement, include in its budget for each successive fiscal period during the term of this Agreement a sufficient amount to permit Lessee to discharge all of its obligations hereunder, and Lessee has budgeted and available for the current fiscal period sufficient funds to comply with its obligations hereunder;

(d) There are no pending or threatened lawsuits or administrative or other proceedings contesting the authority for, authorization of, performance of, or expenditure of funds pursuant to, this Agreement;

(e) Information supplied and statements made by Lessee in any Financial statement or current budget prior to or contemporaneously with this Agreement are true and correct in all material respects;

(f) Lessee has an immediate need for, and expects to make immediate use of, substantially all the Equipment, which need is not temporary or expected to diminish in the foreseeable future;

(g) There are no circumstances presently affecting Lessee that could reasonably be expected to alter its foreseeable need for the Equipment or adversely affect its ability or willingness to budget funds for the payment of sums due hereunder;

(h) During the term of this Agreement, Lessee will annually provide Lessor: (i) within 210 days of the end of Lessee's fiscal year current audited financial statements (or Lessee's current unaudited Financial statements or reports, as applicable, to the extent audits are not available with 210 days of the end of Lessee's fiscal year, with the audited financial statements to be provided as soon as available), and (ii) budgets or proof of appropriation, as requested, for the ensuing fiscal year;

(i) Lessee has complied with all State bidding requirements as may be applicable to this Agreement or the acquisition of the Equipment, if any;

(j) The weighted average useful life of the Equipment exceeds the term of this Agreement;

(k) Lessee will submit to the U. S. Secretary of the Treasury an information reporting statement and other information relating to this Agreement at the times and in the forms required by the Internal Revenue Code of 1986;

(l) Lessee shall not use any monies advanced by Lessor in connection with a lease to reimburse expenditures previously made by Lessee, except in compliance with the requirements of Section 1.150-2 of the Treasury Regulations;

(m) Lessee hereby represents and warrants that it has not entered into any, and is not aware of the existence of any contracts, agreements, arrangements or understandings with any person or firm that could give rise to any third-party claim for, and has not been previously paid a broker's, finder's or agent's fee or commission or other similar payment in connection with, the negotiations leading to the consummation of this Agreement;

(n) As provided for in Code of Ala. § 41-16A-5(a)(8), Lessee covenants that in the event any Lease is cancelled or terminated prior to the payment in full of all Rental Payments due under each Payment Schedule, Lessee shall not acquire property comparable to the Equipment for a period of one (1) year from the date of such early cancellation or termination;

**6. Use and Licenses.** Lessee shall pay and discharge all utility and other operating expenses and shall cause the Equipment to be used only for or in connection with the operation of its governmental functions. Lessee will not use, operate or maintain the Equipment improperly, carelessly or in violation of any applicable law, ordinance, rule or regulation of any governmental authority and shall, at Lessee's expense, obtain all registrations, permits and licenses, if any, required for the lawful use and occupancy of the Equipment.

**7. Entire Agreement; Waiver.** This Agreement, together with the Payment Schedule, the Certificate of Final Acceptance, the Escrow Agreement and any other documents required to be delivered pursuant to this Agreement, constitute the entire Agreement between the parties with respect to the financing of the Equipment, and this Agreement shall not be modified, amended, altered, or changed except with the written consent of the Lessee and Lessor or its assignees. Any provision of this Agreement found to be prohibited by law shall be ineffective to the extent of such prohibition without invalidating the remainder of the Agreement. The waiver by Lessor of its

assignees or Lessee of any breach by the other party of any term, covenant, or condition hereof shall not operate as a waiver of any subsequent breach thereof

**8. Repairs, Alterations and Improvements.** Lessee agrees that Lessor shall not be obligated to rebuild, replace, maintain or make any repairs to the Equipment or to any improvements located thereon during the Agreement Term. Lessee may, at its own expense, install or place in or on, or attach or affix to, the Equipment such other equipment or accessories as may be necessary or convenient to use the Equipment for its intended purposes, provided that such other equipment or accessories do not impair or diminish the value or utility of the Equipment. All such other equipment and accessories shall be removed by Lessee upon termination of this Agreement, provided that any resulting damage shall be repaired at Lessee's expense. Any such other equipment or accessories not removed shall become the property of Lessor. At the expiration or termination of this Agreement, for any reason except Lessee's exercise of its purchase option set forth in Paragraph 16, or Lessee's payment in full of all Rental Payments and Additional Payments, if any, due hereunder, Lessee shall surrender the Equipment in good condition, allowance being made for ordinary wear and tear from proper use. Without the written consent of Lessor, Lessee shall not make any other alterations, modifications or improvements to the Equipment except as required or permitted hereunder. Any other alterations, modifications or improvements to the Equipment shall immediately become part of the Equipment, subject to the provisions hereof. Without the prior written consent of Lessor, Lessee shall not affix or attach any of the Equipment to any real property; provided, however, that it is understood that the Equipment constitutes various energy conservation measures which are to be installed in Lessee's facilities; Lessor hereby agrees that the Equipment may be affixed or attached to Lessee's facilities, regardless of the fact that such facilities may constitute real property. The Equipment shall remain personal property, regardless of whether it becomes affixed or attached to real property or permanently rests upon any real property or any improvement thereon. The Parties hereto expressly agree and understand that the Equipment shall never be deemed or considered to constitute any form of fixture.

**9. Maintenance.** Lessee, at its own cost and expense, will maintain the Equipment in good operating condition for the duration of this Agreement and will not use or deal with the Equipment in any manner which is inconsistent with any laws or regulations. The Equipment will not be misused, abused, wasted, or be allowed to deteriorate except for ordinary wear and tear resulting from its intended use. Lessee agrees to cause the Equipment to be maintained pursuant to manufacturer's standard maintenance specifications and will provide proof of proper maintenance at Lessor's request.

**10. Alterations.** Lessee will not make any alterations, additions or improvements to the Equipment without Lessor's or its assignees' prior written consent

unless such alterations, additions, or improvements may be readily removed without damage to the Equipment.

**11. Location: Inspection.** The Equipment may be moved at Lessee's option to any locations within the State. In the event Lessee moves the Equipment, Lessee will notify the Lessor in writing within thirty (30) days of the new location(s). Lessee will maintain a list of all Equipment by model and serial; numbers and provide said list throughout the term. Lessor will be entitled to enter upon the location(s) at which the Equipment is maintained during reasonable business hours and upon reasonable notice, consistent with Lessee's security requirements and accompanied by Lessee's personnel, to inspect the Equipment or observe its use and operation.

**12. Liens.** Lessee shall not directly or indirectly create, incur, assume or suffer to exist any mortgage, security interest, pledge, lien, charge, encumbrance or claim on or with respect to the Equipment, title thereto or any interest therein, except the respective rights of Lessor and Lessee hereunder.

**13. Damage to or Destruction of Equipment.** Lessee shall bear the entire risk of loss, damage, theft or destruction of the Equipment from any and every cause whatsoever, and no loss, damage, destruction or other event shall release Lessee from the obligation to pay the full amount of the Rental Payments or from any other obligation under this Agreement. In the event of damage to the Equipment, Lessee will immediately place the same in good repair, with the proceeds of any insurance recovery applied to the cost of such repair. If Lessee determines that the Equipment has been damaged or destroyed beyond repair, Lessee may, at Lessee's option, elect to pay Lessor all amounts then owed by Lessee to Lessor under the terms of this Agreement, including the Rental Payment due on the next Payment Date and an amount equal to the applicable Prepayment Option Price set forth in Exhibit C. Upon payment of said amount, this Agreement shall terminate, Lessor's interest in the Equipment shall vest in Lessee, and neither Party shall have any further obligations to the other.

**14. Insurance.** Lessee shall, either self-insure against any and all risks assumed in this Agreement or shall purchase and maintain one or more commercial insurance policies with regard to the Equipment sufficient to satisfy Lessee's obligations hereunder. Lessee shall, during the Agreement Term, at its own expense, provide comprehensive liability insurance with respect to the Equipment, insuring against such risks, and in such amounts as are customary for lessees of equipment of a character similar to the Equipment. In addition, Lessee shall, during the Agreement Term, at its own expense, provide casualty insurance with respect to the Equipment, insuring against customary risks, with minimum coverage of not less than the amount of the unpaid principal portion of the Rental Payments as of the last preceding Payment Date specified in Exhibit C. If insurance policies are provided with respect to the Equipment, all insurance policies shall be with insurers authorized to do business in the State and shall name both Lessor and Lessee as insured parties as their respective interest may appear.

Insurance proceeds from casualty losses shall be payable solely to Lessor, subject to the provisions of Paragraph 13. Lessee shall, upon request, deliver to Lessor evidence of the required coverages together with premium receipts, and each insurer shall agree to give Lessor written notice of non payment of any premium due and ten (10) calendar days' notice prior to cancellation or alteration of any such policy, Lessee shall also carry and require any other person or entity working on, in or about the Equipment to carry worker's compensation insurance (including, in the case of the Lessee, self-insurance) covering employees on, in or about the Equipment.

**15. Quiet Possession.** Lessor covenants and warrants that Lessor has the right to make this Agreement and that Lessee shall, during the Agreement Term, have quiet and peaceful possession of the Equipment as against the lawful acts of third parties.

**16. Prepayment Option.** Lessee shall have the option to prepay the Rental Payments owed hereunder (in whole but not in part) on any applicable Payment Date on or after July 15, 2017; provided: (i) Lessee is not in default under this Agreement; (ii) Lessee gives written notice to Lessor of its intention to exercise this option at least thirty (30) calendar days prior to the Payment Date on which the option is to be exercised; (iii) Lessee has complied with all applicable laws concerning acquisition of Equipment; (iv) there is a specific Prepayment Option Price shown on Exhibit C on that Payment Date; and (v) on the applicable Payment Date, Lessee shall deposit with Lessor an amount equal to all Rental Payments together with any Additional Payments and any other amounts then due or past due (including, but not limited to, the Rental Payment due on the applicable Payment Date and all accrued interest) together with the applicable Prepayment Option Price, all as shown on Exhibit C. The closing shall be on the Payment Date or the First business day preceding the Payment Date at the office of Lessor or such other place as Lessor may direct in writing.

**17. Default and Lessor's Remedies.**

(a) The occurrence of one or more of the following events shall constitute an "Event of Default", whether occurring voluntarily or involuntarily, by operation of law or pursuant to any order of any court or governmental agency;

(1) Lessee fails to make any payment hereunder when due or within ten (10) calendar days thereafter;

(2) Lessee fails to comply with any other covenant, condition or agreement of Lessee hereunder for a period of thirty (30) calendar days after notice thereof; provided that, if Lessee makes a commercially reasonable effort to cure, such default during such thirty (30) calendar day period, but will, in good faith, require additional time to complete such cure, no default will be declared so long as Lessee continues to make good faith, commercially reasonable efforts to cure such default, and such default is in any event cured within sixty (60)

calendar days;

(3) Any representation or warranty made by Lessee hereunder shall be untrue in any material respect as of the date made;

(4) Lessee makes, permits or suffers any unauthorized assignment, transfer or other disposition of this Agreement or any interest herein, or any part of the Equipment or any interest therein;

(5) Lessee becomes insolvent; or admits in writing its inability to pay its debts as they mature; or applies for, consents to or acquiesces in the appointment of a trustee, receiver or custodian for Lessee or a substantial part of its assets, including, but not limited to, the Equipment; or, in the absence of such application, consent or acquiescence, a trustee, receiver or custodian is appointed for Lessee or a substantial part of its property, and is not discharged within sixty (60) calendar days; or any bankruptcy, reorganization, debt arrangement, moratorium, or any proceeding under any bankruptcy or insolvency law; ... any dissolution or liquidation proceeding is instituted by or against Lessee and, if instituted against Lessee, is consented to or acquiesced in by Lessee or is not dismissed within sixty (60) calendar days.

(b) Upon the occurrence of any Event of Default specified herein, Lessor may, at its sole discretion, exercise any or all of the following remedies:

(1) Enforce this Agreement by appropriate action to collect amounts due or to become due hereunder, by acceleration or otherwise, or to cause Lessee to perform its other obligations hereunder in which event Lessee shall be liable for all costs and expenses incurred by Lessor;

(2) To the extent allowed by the applicable law, enter upon Lessee's premises and take possession of the Equipment, without demand or notice and without court order or any process of law, and remove the same and release or otherwise dispose of the Equipment for Lessee's account, in which event Lessee waives any and all damages resulting therefrom and shall be liable for all costs and expenses incurred by Lessor in connection therewith and the difference, if any, between the amounts to be paid pursuant to Paragraph 2 hereof and the amounts received and to be received by Lessor in connection with any such re-letting:

(3) To the extent allowed by the applicable law, terminate this Agreement and repossess the Equipment, in which event Lessee shall be

liable for any amounts payable hereunder through the date of such termination and all costs and expenses incurred by Lessor in connection therewith; or

(4) Pursue and exercise any other remedy available at law or in equity, in which event Lessee shall be liable for any and all Costs and Expenses incurred by Lessor in connection therewith.

As provided in Paragraph 2 of this Agreement, under no circumstances shall Lessee be liable under this subsection (b) for any amount in excess of the sum appropriated for the previous and current fiscal years, less all amounts previously due and paid during such previous and current Fiscal years from amounts so appropriated.

**18. Termination.** Unless Lessee has paid all Rental Payments and any Additional Payments due hereunder, or properly exercised its prepayment option pursuant to Paragraph 16 hereof, Lessee shall, upon any earlier termination hereof pursuant to the terms of this Agreement, surrender the Equipment to Lessor unencumbered and in at least as good condition and repair as when delivered to Lessee, ordinary wear and tear resulting from proper use excepted. Nothing in this paragraph shall be construed to create any right of Lessee to terminate this Agreement, except in those circumstances otherwise set forth in this Agreement.

**19. Assignment.** Lessee will not either:

(i) assign, transfer, pledge, hypothecate, grant any security interest in or otherwise dispose of this Agreement or the Equipment or any interest in this Agreement or the Equipment; or

(ii) sublet or lend the Equipment or permit it to be used by anyone other than Lessee or Lessee's employees.

Lessor may, at any time and from time to time or to the extent permitted by law, without obtaining the consent of Lessee, assign, transfer or otherwise convey all or any part of its interest in the Equipment, this Agreement, or the Equipment Acquisition Fund, including Lessor's rights to receive the Rental Payments, Additional Payments or any part thereof (in which event Lessee agrees to make all Rental Payments and Additional Payments thereafter to the assignee(s) designated by Lessor) and to exercise any other

rights and remedies of Lessor set forth herein or therein. Lessor is specifically granted the right to: (i) assign, transfer, deposit or otherwise deliver this Agreement to a Custodian pursuant to a Custodial Agreement delivered by Lessor, or its assignees, and (ii) serialize all of the payments to be made by Lessee under this Agreement and sell Participation Interests representing the right of the holder thereof to receive a portion of the Rental Payments being made by Lessee, to one or more purchasers. Any such assignment, transfer or conveyance may be to such Custodian for the benefit of the owners of the Participation Interests. No such assignment, transfer or conveyance shall be effective until Lessee's Registration Agent shall have received a written Notice and Acknowledgement of Assignment that discloses the name and address of each such assignee; provided, however, that if such assignment is made to a Custodian for owners of Participation Interests, it shall thereafter be sufficient that a copy of the Custodial Agreement shall have been deposited with Lessee's Registration Agent until Lessee's Registration Agent shall have been advised that such Custodial Agreement is no longer in effect. During the term of this Agreement, Lessee shall keep, or cause to be kept, a complete and accurate record of all such assignments in form necessary to comply with Section 149(a) of the Code. For this purpose, Lessee appoints Lessor to act as its Registration Agent. Lessor agrees on Lessee's behalf to maintain such record of all assignments, and to provide a copy of such record to Lessee. Lessee agrees, if so requested, to acknowledge each such assignment in writing within fifteen (15) calendar days after request therefor, but such acknowledgment shall in no way be deemed necessary to make any assignment effective.

**20. Gross-Up Rent.** If Lessor either (i) receives notice, in any form, from the Internal Revenue Service or (ii) reasonably determines, based on an opinion of independent tax counsel selected by Lessor, that Lessor may not exclude any interest paid under this Agreement (as shown in the Payment Schedule attached hereto as Exhibit C) from its federal gross income (each an "Event of Taxability"), the Lessee shall pay to Lessor upon demand the Gross-Up Rent.

**21. Late Charge.** Lessor shall have the right to require late payment charge for each Rental Payment or any other amount due hereunder which is not paid within Fifteen (15) days of the date when due equal to the lesser of 5% of each late payment or the legal maximum. This Paragraph 22 is only applicable to the extent it does not affect the validity of this Agreement.

**22. Notices.** Any notices to be given or to be served upon any Party hereto in connection with this Agreement must be in writing and may be given by certified or registered mail, and shall be deemed to have been given and received forty-eight (48) hours after a registered or certified

letter containing such notice, postage prepaid, is deposited in the United States mail, and if given otherwise shall be deemed to have been given when delivered to and received by the Party to whom it is addressed. Such notice shall be given to the Parties at their respective addresses designated on the signature page of this Agreement or at such other address as either Party may hereafter designate in writing.

**23. Personal Property.** The Equipment is and shall at all times be and remain personal property.

**24. Tax Exemption; Tax Covenants.** Lessee acknowledges and agrees that Lessor has calculated the Rental Payments assuming that the interest portion of each Rental Payment is exempt from federal income taxation. Lessee represents, warrants and covenants that it will do or refrain from doing all things necessary or appropriate to ensure that the interest portion of the Rental Payments is exempt from federal income taxation, including, but not limited to, executing and filing all information statements required by Section 149(e) of the Code, and timely paying, to the extent of available funds, amounts required to be rebated to the United States pursuant to Section 149(e) of the Internal Revenue Code of 1986, as amended. In addition, Lessee makes the following tax covenants:

(a) It is the intention of the Parties hereto that the interest portion of the Rental Payments received by Lessor and its successors and assigns hereunder be and remain excludable from gross income for purposes of federal income taxation. In furtherance of the foregoing, Lessee, to the best of its ability and knowledge, covenants that it shall, at all times, do and perform all acts and things necessary and within its control so that the interest portion of the Rental Payments received by Lessor shall, for the purposes of federal Income taxation, be excluded from gross income of Lessor. Lessee shall not permit the use of the proceeds of this Agreement, nor take or omit to take any action, so as to cause such interest portion to cease to be excluded from gross income of Lessor for the purposes of federal income taxation.

(b) Lessee covenants that it will not use or permit the use of any Equipment in any manner or for any trade or business that would cause the interest portion of the Rental Payments to be taxable.

(c) Lessee hereby covenants that it will not take or permit any action or omit to take any action that would cause this Agreement to be an arbitrage bond within the meaning of Section 148 of the Code. Lessee hereby agrees to execute a Tax Agreement and Arbitrage Certificate, Substantially in the form of Exhibit 11.

(d) The weighted average maturity (defined in accordance with the

Code) of the principal component of the Rental Payments under this Agreement will not exceed 120% of the weighted average, reasonably expected economic life in the hands of Lessee of the Equipment leased hereunder.

(e) Lessee agrees to complete and File in a timely manner an information reporting return (Form 8038-G or 8038-GC, as applicable) as required by the Code.

(f) Lessor and Lessee certify and covenant to each other and to the owners from time to time of Lessor's interests in this Agreement that, so long as any Rental Payments remain unpaid hereunder, monies on deposit in the Escrow Fund will not be Used in a manner that will cause this Agreement to be classified as arbitrage bonds within the meaning of Section 148(a) of the Code.

**26. DISCLAIMER OF WARRANTIES.** LESSOR (AND ANY AND EACH OF ITS SUCCESSORS AND ASSIGNS), NOT BEING THE VENDOR OF ANY OF THE EQUIPMENT, HAS NOT MADE AND DOES NOT MAKE ANY WARRANTY, REPRESENTATION OR COVENANT, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR FITNESS FOR THE USE CONTEMPLATED BY LESSEE. LESSEE ACCORDINGLY AGREES NOT TO ASSERT ANY CLAIM WHATSOEVER AGAINST LESSOR BASED THEREON. LESSEE FURTHER AGREES, REGARDLESS OF CAUSE, NOT TO ASSERT ANY CLAIM WHATSOEVER AGAINST LESSOR FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES OR LOSS, OF ANY CLASSIFICATION IN ANY WAY RELATED TO THE USE OR CONDITION OF THE EQUIPMENT. LESSOR SHALL HAVE NO OBLIGATION TO INSTALL, ERECT, TEST, ADJUST, SERVICE OR MAINTAIN ANY EQUIPMENT. LESSEE SHALL LOOK SOLELY TO THE VENDOR FOR ANY AND ALL CLAIMS RELATED TO THE EQUIPMENT. LESSEE LEASES THE EQUIPMENT "AS IS, WHERE IS" AND "WITH ALL FAULTS." LESSOR AND LESSEE HEREBY ACKNOWLEDGE THAT TIFF WARRANTIES OF THE VENDOR, IF ANY, ARE FOR THE BENEFIT OF LESSEE.

**27. Delivery and Installation.** Lessee shall select the type, quantity and Supplier of each item of Equipment designated in Exhibit B. Lessor shall have no liability for any delay in delivery or failure by the Vendor to deliver any Equipment or to fill any purchase order or meet the conditions thereof. Lessee, at its expense, will pay for all costs and charges in connection with the delivery, installation and use

of the Equipment (it being understood that costs associated with delivery and installation of the Equipment are included in the total amount of the Equipment Financed hereunder as set forth in Exhibit C). Upon receipt of the Equipment, Lessee shall furnish Lessor with an Acceptance Certificate (Exhibit E).

Execution of the Acceptance Certificate by the Commissioner, as authorized by the Constitution and laws of the State and by the Lessee's authorizing resolution (as attached hereto as Exhibit E) shall constitute acceptance of the Equipment on behalf of Lessee. Regardless of whether Lessee has furnished an Acceptance Certificate pursuant to this Paragraph 27, by making a Rental Payment after its receipt of the Equipment pursuant to this Agreement, Lessee shall be deemed to have accepted the Equipment on the date of such Rental Payment for purposes of this Agreement. All Rental Payments paid prior to delivery of the Acceptance Certificate shall be credited to Rental Payments as they become due. Lessee understands and agrees that the Vendor is not an agent of Lessor. No salesman or agent of the Vendor is authorized to waive or alter any term or condition of this Agreement, and no representation as to Equipment or any other matter by the Vendor shall in any way affect Lessee's duty to pay the Rental Payments and perform its other obligations as set forth in this Agreement. Lessee hereby acknowledges that it has or will have selected the Equipment identified on Exhibit B using its own criteria and not in reliance on any representations of Lessor.

**28. Title to Equipment.** During the term of this Agreement and so long as no Event of Default has occurred, legal title to the Equipment and any and all additions, repairs, replacements or modifications thereof shall be vested in Lessee, subject to the rights of Lessor under this Agreement, including the security interest granted herein. Lessee shall at all times, at its expense, protect and defend Lessee's title to the Equipment and Lessor's rights and interests therein and will keep the Equipment free and clear from any and all claims, liens and encumbrances except those created by this Agreement in favor of Lessor. It is the intent of the Parties hereto that all items of Equipment shall at all times be and remain personal property, notwithstanding that any such Equipment may now or hereafter be affixed to realty. If requested by Lessor, Lessee will, at Lessee's reasonable expense, furnish a waiver of any interest in the Equipment from any party having an interest in such real estate or building to which the Equipment becomes affixed. Upon satisfaction of all payment obligations herein contained, title to the Equipment shall remain vested in the Lessee.

**29. Security Interest.** This Agreement is intended to constitute a security agreement within the meaning of the Uniform Commercial Code of the State (the "UCC"), In order to secure, all of its obligations hereunder to Lessor as Lessee's assignee, Lessee hereby: (a) grants to Lessor a purchase money security interest constituting a first lien on any and all right, title and interest of Lessee in the Equipment and in all additions, attachments, accessions, and substitutions thereto, and on any revenues, profits, or other proceeds therefrom; (b) agrees that

this Agreement may be filed as a financing statement evidencing such security interest in the Equipment governed thereby; (c) agrees that Lessor or its Assignee may execute such additional documents, including financing statements, affidavits, notices, and similar instruments, for and on behalf of Lessee, which Lessor deems necessary or appropriate to protect Lessor's interest in the Equipment and in this Agreement; (d) agrees to execute, and deliver such additional documents, including financing statements, certificates of title, affidavits, notices and similar instruments, in form satisfactory to Lessor, necessary or appropriate to perfect and maintain such security interest in the Equipment; and (e) agrees that in the event the Equipment is covered by a certificate-of-title statute of the State, Lessee shall fully comply with and take all such actions mandated by the requirements of such certificate-of-title statute to perfect Lessor's security interest in the Equipment, including but not limited to indicating Lessor's security interest on any and all certificate-of-title CORMS covering the Equipment and (at Lessor's discretion) delivering to Lessor the original certificate-of-title to the Equipment, to be held by Lessor throughout the term of this Agreement. If Lessor's security interest in all or some of the Equipment shall terminate in accordance herewith, at the request of Lessee, Lessor shall execute and deliver to Lessee documents which evidence the termination of Lessor's security or other interest in such Equipment. Lessee shall promptly discharge any liens placed on the Equipment, including, without limitation, any mechanics' or materialmen's liens. If requested by Lessor, Lessee shall obtain the waiver of any interest in the Equipment from any owner of, or a secured party with an interest in, equipment on which the Equipment becomes an accession. If requested by Lessor, to the extent that the Equipment would be subject to a lien upon its acquisition by Lessee under any agreement or other instrument to which Lessee or any affiliate of Lessee is a party, Lessee shall obtain a waiver of such lien. Lessee is required to provide written notice to Lessor of any change in its name, corporate structure or principal place of business. Such notice shall be provided thirty (30) calendar days in advance of the date that such change is planned to take effect.

**30. Performance of Lessee's Obligations.** If Lessee shall fail to promptly perform any of its obligations under this Agreement, Lessor may, at its option, perform any act or make any payment that Lessor deems necessary for the maintenance and preservation of the Equipment, including, but not limited to, payments for satisfaction of liens, repairs, taxes, levies and insurance. All expenses incurred by Lessor in performing such acts, including, but not limited to, legal fees and all such payments made by Lessor together with late charges as provided in Paragraph 22 herein, shall be payable by Lessee to Lessor on demand. The performance of any act or payment by Lessor shall not be deemed a waiver or release of any obligation or default on the part of Lessee.

**31. Indemnification.** To the extent legally permissible under the laws of the State, Lessee agrees to indemnify, protect and hold harmless Lessor from and against any and all liabilities, obligations, losses, damages, claims, costs and expenses (including reasonable attorneys' fees), of whatsoever kind and nature,

arising out of the use, condition (including, but not limited to, latent and other defects and whether or not discoverable by Lessee or Lessor), operation, ownership, selection, delivery, storage, leasing or return of any item of Equipment, or any failure on the part of Lessee to accept the Equipment or otherwise to perform or comply with any conditions of this Agreement. The indemnities and assumptions of liabilities and obligations herein provided for shall continue in full force and effect, notwithstanding the expiration or termination of the term of this Agreement. In no event, whether as a result of breach of contract, warranty, tort (including negligence or strict liability), indemnity or otherwise, shall Lessor, or its assignees, if any, be liable for any special, consequential, incidental or penal damages, including, but not limited to, loss of profit or revenue, loss of use of the Equipment or any associated equipment, service materials or software, damage to associated equipment, service materials or software, cost of capital, cost of substitute equipment, service materials or software, facilities, services or replacement power, downtime costs or claims of Lessee for such damages or costs and claims associated with any treatment, handling, storage, processing or disposal or related aspect or action incurred with respect to environmental matters, and Lessee shall indemnify and hold harmless Lessor from any such damages.

**32. Costs.** Lessee shall pay Lessor all Costs and Expenses related to the delivery of possession of the Equipment in accordance herewith, and the exercise of remedies with respect to the Equipment Acquisition Fund, incurred by Lessor in enforcing any of the terms, conditions or provisions of this Agreement and the Escrow Agreement, as set forth in Exhibit F, hereto.

**33. Escrow Agreement.** In connection with the financing of the costs of the Equipment and the various closing costs associated with the Financing contemplated by this Agreement, the Parties have agreed to use an escrow procedure to provide for the terms regarding the delivery, distribution and accounting for the proceeds of this Agreement. The Lessor and Lessee hereby agree to execute and deliver the Escrow Agreement, substantially in the form of Exhibit F, on the date of execution and delivery of this Agreement.

**34. Securities Matters.** Lessee specifically acknowledges that Lessor, or one or more of its assigns, may assign or otherwise transfer this Agreement, serialize the Payments and issue Certificates all as provided in Paragraph 19 above. Lessee specifically acknowledges that Lessor or one or more of its assigns may also engage and utilize a Placement Agent for the purpose of assisting with the sale of such Certificates, all without expense to Lessee. Lessee acknowledges and agrees that the Certificates, when issued, shall be deemed securities of Lessee, as to which Lessee shall have certain responsibilities and liabilities. Lessee hereby authorizes Lessor and Placement Agent to act on its behalf for the limited purpose of preparing and deeming Final an Offering Memorandum. Lessee hereby agrees to

cooperate fully with Lessor and Placement Agent with respect to the issuance of the Certificates and to provide additional closing certificates, satisfactory documentation, specific information regarding the Equipment that it is leasing hereunder, and demographic and Financial information concerning Lessee, for inclusion in the Offering Memorandum, all as reasonably requested, and Lessee represents and warrants that such information provided to Lessor or the Placement Agent is true and accurate in all material respects when delivered. Lessor agrees to hold Lessee harmless from any damages or claims arising from Lessor's negligent or intentional acts or omissions in connection with the sale of the Certificates. Further, Lessee authorizes the Placement Agent and any Custodian to deliver the Offering Memorandum to any subsequent purchasers, in whole or in part, of the Certificates. Finally, acknowledging that the Certificates will be Municipal Securities, Lessee agrees to provide certain continuing disclosures, including specifically annual financial statements and information related to material events such as those required by Rule 15c2-12(b)(5) of the Securities and Exchange Commission, to enter into a separate Continuing Disclosure Agreement with Lessor and/or its assigns to ensure such disclosures are made and to provide to Lessor or its assigns a DTC Letter of Representations, executed by Lessee, all as reasonably requested by Lessor or Placement Agent.

**35. Authority of Lessee/Issuer.** Lessee represents and warrants that its authority to enter into and consummate this Agreement includes the additional authority to issue the Certificates, and to execute those additional documents and forms related to the issuance of the Certificates, including those Exhibits and Additional Documents listed in the Index of Exhibits.

**36. Not to Constitute a Debt of the State/Settlement of Claims.** It is agreed that the terms and commitments contained herein shall not be constituted as a debt of the State of Alabama in violation of Article 11, Section 213, of the Constitution of Alabama 1901, as amended by Amendment No. 26. If any provision or amendment, either now in effect or which may, during the course of this Agreement, be enacted, then the conflicting provision in the contract shall be deemed null and void.

**37. Miscellaneous.**

(a) Lessor reserves the right to enter upon Lessee's property during business hours at any time, but only in accordance with the security and other regulations of the Lessee governing access and without undue disruption or interference with the operations of Lessee's business or any location where the Equipment is located, to inspect the same or to make such repairs as Lessor may deem advisable or to otherwise protect Lessor's right and interest in the Equipment.

(b) Time is of the essence. No covenant or obligations hereunder to be performed by Lessee may be waived except by the written consent of Lessor, and a waiver of any such covenant or obligation or a forbearance to invoke any remedy on any occasion shall not constitute or be treated as a waiver of such covenant or obligation as to any other occasion and shall not preclude Lessor from invoking such remedy at any later time prior to Lessee's cure of the condition giving rise, to such remedy. Lessor's rights hereunder are cumulative and not alternative.

(c) This Agreement shall be construed in accordance with, and governed by, the laws of the State of Alabama, without giving effect to its choice of laws provisions.

(d) This Agreement constitutes the entire agreement between the Parties and shall not be modified, waived, discharged, terminated, amended, altered or changed in any respect except by a written document signed by both Lessor and Lessee.

(c) If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of the Agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

(f) Lessor hereunder shall have the right at any time or times, by notice to Lessee, to designate or appoint any person or entity to act as agent or trustee for Lessor for any purposes hereunder.

(g) Lessee will immediately notify Lessor in writing of any loss to or change, occurring in or to the Equipment of a change in Lessee's address, or in any fact or circumstance warranted or represented by Lessee to Lessor, or if any Event of Default occurs.

(h) Use of the neutral gender herein is for purposes of convenience only and shall be deemed to mean and include the masculine or feminine gender whenever and wherever appropriate.

(i) The captions set forth herein are for convenience of reference only and shall not define or limit any of the terms or provisions hereof.

(j) Except as otherwise provided herein, this Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective heirs, executors, administrators, legal representatives, successors and assigns, where permitted by this Agreement.

**38. Execution in Counterparts.** This agreement may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of this the \_\_\_\_ day of \_\_\_\_\_, 2010.

LESSOR:

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LESSEE:

STATE OF ALABAMA

DEPARTMENT OF CORRECTIONS

## **INDEX OF EXHIBITS TO LEASE PURCHASE AGREEMENT**

- 1. Exhibit A: Definitions**
- 2. Exhibit B: Equipment Schedule**
- 3. Exhibit C: Payment Schedule**
- 4. Exhibit D: Notice and Acknowledgement of Assignment**
- 5. Exhibit E: Acceptance Certificate**
- 6. Exhibit F: Escrow Agreement**
- 7. Exhibit G: Energy Services Agreement of ADOC and Johnson Control Inc.**
- 8. Exhibit H: Energy Services Agreement of ADOC and Noresco LLC.**

## EXHIBIT A

### DEFINITIONS

**Definitions:** Unless the context otherwise clearly requires, the following terms shall have the respective meanings set forth below for all purposes of the Agreement:

1.01 "Acceptance Certificate" means a certificate in substantially the form of Exhibit E attached hereto and which shall be delivered by Lessee to Lessor upon final receipt and acceptance of all of the Equipment, as provided in Paragraph 27 hereof

1.02. "Additional Payments" means any amounts (other than Rental Payments) required to be paid by Lessee pursuant to the terms of this Agreement.

1.03 "Agreement" means this Lease Purchase Agreement, together with each of the exhibits, schedules, or other documents attached to this Agreement or referenced herein, as supplemented and amended from time to time.

1.04 "Agreement Term" means the term of this Agreement as specified in Paragraph 2 of this Agreement.

1.05 "Authorizing Legislation" means Chapter 16A of Title 41 of the Code of Alabama and Chapter 16, Article 7 of Title 41.

1.06 "Certificate of Insurance" means a certificate which shall be delivered by Lessee to Lessor prior to Closing and the delivery of the Equipment, in satisfaction of Lessee's obligations regarding insurance, as provided in Paragraph 14 of this Agreement.

1.07 "Johnson Control Contract" means the contract between the Lessee and Johnson Control Inc. attached hereto as Exhibit G.

1.08 "Noresco Contract" means the contract between the Lessee and Noresco LLC attached hereto as Exhibit H.

1.09 "Closing" means the latest to occur of- (i) execution of this Agreement by all of the Parties; (h) the Effective Date of this Agreement as set forth in the, first paragraph of this Agreement; or (iii) the date on which Lessor acquires the Equipment or funds the Equipment Acquisition Fund, as the case maybe.

1.10 "Code" means the Internal Revenue Code of 1986, as amended. Each reference to a section of the Code herein shall be deemed to include, the United States Treasury Regulations proposed or in effect thereunder.

1.11 "Commissioner" means the Commissioner of the Department of Corrections of the State of Alabama,

1.12 "Costs and Expenses" shall mean, to the extent allowed by law: (i) reasonable attorneys' fees if this Agreement is referred for collection to an attorney other than a salaried employee of Lessor or the holder of this Agreement; (ii) court costs and disbursements, including such costs in the event of any action necessary to secure possession of the Equipment; and (iii) actual and reasonable out-of-pocket expenses incurred in connection with any repossession or foreclosure.

1.13 "Custodian" means a financial institution with trust powers or other similar custodial agent pursuant to an agreement defining the terms and conditions of such custodial arrangement (the "Custodial Agreement") delivered by Lessor, or its assignees, in connection with the offer and sale of Participation Interests.

1.14 "DTC" shall mean the Depository Trust Company, a limited-purpose trust company organized under the New York Banking Law, a "banking organization" within the meaning of the New York Banking Law, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code, and a "clearing agency" registered pursuant to the Provisions of Section 17a of the Securities Exchange Act of 1934, as amended.

1.15 "Escrow Agent" means a financial institution acting in its capacity as Escrow Agent under the Escrow Agreement, and its successors.

1.16 "Escrow Agreement" means the Escrow Agreement, in substantially the same form of Exhibit F, attached hereto, dated as of the Effective Date set forth in the first paragraph of this Agreement, among Lessor, Lessee, and Escrow Agent, relating to the Equipment Acquisition Fund.

1.17 "Equipment" means (a) the equipment identified in Exhibit B, (b) any property acquired in substitution, renewal, repair or replacement for or as additions, improvements, accessions and accumulations to any of such equipment and (c) any accessories, equipment, parts and appurtenances appertaining or attached to any of such equipment or from time to time incorporated therein or installed thereon.

1.18. "Equipment Acquisition Fund" means the fund of that name, and the sub-accounts therein, established and administered pursuant to the terms of the Escrow Agreement.

1.19 "Event of Default" is defined in Paragraph 17 of this Agreement.

1.20 "Gross-Up Rent" means (i) an amount which, with respect to Rental

Payments previously paid and taking into account all penalties, fines, interest and additions to tax (including all federal, state and local taxes imposed on the interest due through the date of an Event of Taxability), will restore to Lessor its after-tax yield (assuming tax at the highest marginal tax rate and taking into account the time of receipt of Rental Payments and reinvestment at the after-tax yield rate) on the transaction evidenced by this Agreement through the date of an Event of Taxability, and (h) with respect to any Rental Payments thereafter, an additional rental payment in an amount sufficient to maintain such after-tax yield to the Lessor.

1.21 "Lessee" means the entity referred to as Lessee in the first paragraph of this Agreement.

1.22 "Lessor" means (a) the entity referred to as Lessor in the first paragraph of this Agreement or (b) any assignee or transferee of any right, title or interest of Lessor in and to the Equipment, the Equipment Acquisition Fund or this Agreement (including Rental Payments) pursuant to Paragraph 19 of this Agreement, but does not include any entity solely by reason of that entity retaining or assuming any obligation of Lessor to perform, hereunder,

1.23 "Municipal Securities" means any security exempt from the registration requirements of the Securities Act of 1933, as amended, as set forth in Section 3(a)(2) of such Act.

1.24 "Notice and Acknowledgment of Assignment" means a certificate in substantially the form of Exhibit D *attached* hereto and which shall be delivered by and between the Parties as provided in Paragraph 19 hereof.

1.25 "Participation Interests" means participation interests, certificates of participation, custodial receipts or other instruments representing the right of the holder thereof to receive a portion of the Payments being made by Lessee to Lessor or its assigns.

1.26 "Payments" means the Rental Payments and the Additional Payments, collectively.

1.27 "Payment Date" means the date for payment of Rental Payments as set forth in Exhibit C attached hereto.

1.28 "Prepayment Option Price" means the price determined pursuant to Paragraph 16 and Exhibit C attached hereto at which Lessee may purchase from Lessor all of the Equipment prior to the scheduled payment of all Rental Payments to be paid hereunder and as shown in Exhibit C hereto.

1.29 "Registration Agent" shall mean the Lessor, or its assigns, keeping record of the registered owner of the Agreement, for purposes of Section 149(a) of the Code.

1.30 "Rental Payments" means the amounts (allocable to a principal component and an interest component) payable by Lessee pursuant to the provisions of this Agreement, as payment for the purchase price for the Equipment as set forth in Exhibit C attached hereto. As provided in this Agreement, Rental Payments shall be payable by Lessee directly to Lessor in the amounts and at the times as set forth in Exhibit C attached hereto.

1.31 "State" means the State of Alabama.

1.32 "Tax Agreement and Certificate" means that certain separate agreement to be executed by Lessee in substantially the form of Exhibit H, ensuring compliance with the Code, including the non-arbitrage provisions thereof.

1.33 "Vendor" means Johnson Control Inc. and/or Noresco LLC.

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	NON-ARRA			NON-ARRA		
						JCI	NORESCO		JCI	NORESCO	
20	Lighting	JCI ARRA	ACI	ACI 4.1.1 Lighting Retrofits	\$82,199.41		\$82,199.41	\$0.00		\$0.00	\$0.00
39	Lighting	JCI ARRA	ACI	ACI 4.2 Lighting Occupancy Controls	\$21,372.30		\$21,372.30	\$0.00		\$0.00	\$0.00
31	Lighting	JCI ARRA	Agency Administration	INS 4.1.1 Lighting Retrofits	\$121,859.96		\$121,859.96	\$0.00		\$0.00	\$0.00
46	Lighting	JCI ARRA	Agency Administration	INS 4.2 Lighting Occupancy Controls	\$33,879.48		\$33,879.48	\$0.00		\$0.00	\$0.00
342	Lighting	NOR ARRA	Alex City CBF	Lighting	\$25,061.15		\$0.00	\$25,061.15		\$0.00	\$0.00
21	Lighting	JCI ARRA	Atmore CBF/CWC	ATM 4.1.1 Lighting Retrofits	\$26,580.40		\$26,580.40	\$0.00		\$0.00	\$0.00
40	Lighting	JCI ARRA	Atmore CBF/CWC	ATM 4.2 Lighting Occupancy Controls	\$5,620.36		\$5,620.36	\$0.00		\$0.00	\$0.00
348	Lighting	NOR ARRA	Birmingham CBF	Lighting	\$29,276.91		\$0.00	\$29,276.91		\$0.00	\$0.00
22	Lighting	JCI ARRA	Bibb County CF	BIB 4.1.1 Lighting Retrofits	\$393,812.04		\$393,812.04	\$0.00		\$0.00	\$0.00
41	Lighting	JCI ARRA	Bibb County CF	BIB 4.2 Lighting Occupancy Controls	\$93,284.37		\$93,284.37	\$0.00		\$0.00	\$0.00
357	Lighting	NOR ARRA	Bullock CF	Lighting	\$736,228.23		\$0.00	\$736,228.23		\$0.00	\$0.00
23	Lighting	JCI ARRA	Camden CBF	CAM 4.1.1 Lighting Retrofits	\$15,713.31		\$15,713.31	\$0.00		\$0.00	\$0.00
42	Lighting	JCI ARRA	Camden CBF	CAM 4.2 Lighting Occupancy Controls	\$3,452.80		\$3,452.80	\$0.00		\$0.00	\$0.00
28	Lighting	JCI ARRA	State Cattle Ranch	FAR 4.1.1 Lighting Retrofits	\$24,871.92		\$24,871.92	\$0.00		\$0.00	\$0.00
24	Lighting	JCI ARRA	Childersburg CBF/CWC	CHL 4.1.1 Lighting Retrofits	\$40,908.82		\$40,908.82	\$0.00		\$0.00	\$0.00
43	Lighting	JCI ARRA	Childersburg CBF/CWC	CHL 4.2 Lighting Occupancy Controls	\$9,197.68		\$9,197.68	\$0.00		\$0.00	\$0.00
32	Lighting	JCI ARRA	J.O. DAVIS	JOD 4.1.1 Lighting Retrofits	\$26,019.94		\$26,019.94	\$0.00		\$0.00	\$0.00
365	Lighting	NOR ARRA	Decatur CBF	Lighting	\$65,598.87		\$0.00	\$65,598.87		\$0.00	\$0.00
374	Lighting	NOR ARRA	Donaldson CF	Lighting	\$758,946.20		\$0.00	\$758,946.20		\$0.00	\$0.00
25	Lighting	JCI ARRA	Draper CF	DRA 4.1.1 Lighting Retrofits	\$148,521.07		\$148,521.07	\$0.00		\$0.00	\$0.00
27	Lighting	JCI ARRA	Elba CBF	ELB 4.1.1 Lighting Retrofits	\$17,235.50		\$17,235.50	\$0.00		\$0.00	\$0.00
390	Lighting	NOR ARRA	Elmore CF	Lighting	\$134,404.24		\$0.00	\$134,404.24		\$0.00	\$0.00
384	Lighting	NOR ARRA	Easterling CF	Lighting	\$263,110.92		\$0.00	\$263,110.92		\$0.00	\$0.00
26	Lighting	JCI ARRA	East Thomas Residential Annex	EAT 4.1.1 Lighting Retrofits	\$22,822.07		\$22,822.07	\$0.00		\$0.00	\$0.00
44	Lighting	JCI ARRA	East Thomas Residential Annex	EAT 4.2 Lighting Occupancy Controls	\$7,788.37		\$7,788.37	\$0.00		\$0.00	\$0.00
52	Lighting	JCI ARRA	East Thomas Residential Annex	EAT 4.3 Lighting Retrofits and Redesign (Exterior)	\$33.38		\$33.38	\$0.00		\$0.00	\$0.00
30	Lighting	JCI ARRA	Frank Lee WR	FLW 4.1.1 Lighting Retrofits	\$25,829.38		\$25,829.38	\$0.00		\$0.00	\$0.00
29	Lighting	JCI ARRA	Fountain CF	FTN 4.1.1 Lighting Retrofits	\$156,945.18		\$156,945.18	\$0.00		\$0.00	\$0.00
45	Lighting	JCI ARRA	Fountain CF	FTN 4.2 Lighting Occupancy Controls	\$42,696.04		\$42,696.04	\$0.00		\$0.00	\$0.00
398	Lighting	NOR ARRA	Hamilton CBF	Lighting	\$27,312.42		\$0.00	\$27,312.42		\$0.00	\$0.00
404	Lighting	NOR ARRA	Hamilton CBF	Lighting	\$25,551.53		\$0.00	\$25,551.53		\$0.00	\$0.00
410	Lighting	NOR ARRA	Holman CF	Lighting	\$175,262.17		\$0.00	\$175,262.17		\$0.00	\$0.00
418	Lighting	NOR ARRA	Kilby CF	Lighting	\$221,772.62		\$0.00	\$221,772.62		\$0.00	\$0.00
33	Lighting	JCI ARRA	Limestone CF	LIM 4.1.1 Lighting Retrofits	\$440,751.63		\$440,751.63	\$0.00		\$0.00	\$0.00
47	Lighting	JCI ARRA	Limestone CF	LIM 4.2 Lighting Occupancy Controls	\$37,065.79		\$37,065.79	\$0.00		\$0.00	\$0.00
53	Lighting	JCI ARRA	Limestone CF	LIM 4.3 Lighting Retrofits and Redesign (Exterior)	\$391.66		\$391.66	\$0.00		\$0.00	\$0.00
428	Lighting	NOR ARRA	Loxley CBF/CWC	Lighting	\$67,823.94		\$0.00	\$67,823.94		\$0.00	\$0.00
34	Lighting	JCI ARRA	Mobile CBF	MOB 4.1.1 Lighting Retrofits	\$22,608.48		\$22,608.48	\$0.00		\$0.00	\$0.00
48	Lighting	JCI ARRA	Mobile CBF	MOB 4.2 Lighting Occupancy Controls	\$1,386.59		\$1,386.59	\$0.00		\$0.00	\$0.00
35	Lighting	JCI ARRA	Montgomery Womens Facility	MNT 4.1.1 Lighting Retrofits	\$26,220.34		\$26,220.34	\$0.00		\$0.00	\$0.00
49	Lighting	JCI ARRA	Montgomery Womens Facility	MNT 4.2 Lighting Occupancy Controls	\$1,289.51		\$1,289.51	\$0.00		\$0.00	\$0.00
434	Lighting	NOR ARRA	Red Eagle Honor Farm	Lighting	\$41,349.34		\$0.00	\$41,349.34		\$0.00	\$0.00
37	Lighting	JCI ARRA	Staton CF	STA 4.1.1 Lighting Retrofits	\$164,404.83		\$164,404.83	\$0.00		\$0.00	\$0.00
54	Lighting	JCI ARRA	Staton CF	STA 4.3.1 Lighting Retrofits and Redesign (Exterior)	\$350.36		\$350.36	\$0.00		\$0.00	\$0.00
55	Lighting	JCI ARRA	Staton CF	STA 4.3 Lighting Retrofits and Redesign (Exterior)	\$472.40		\$472.40	\$0.00		\$0.00	\$0.00
36	Lighting	JCI ARRA	St Clair CF	STC 4.1.1 Lighting Retrofits	\$660,610.07		\$660,610.07	\$0.00		\$0.00	\$0.00
50	Lighting	JCI ARRA	St Clair CF	STC 4.2 Lighting Occupancy Controls	\$81,734.79		\$81,734.79	\$0.00		\$0.00	\$0.00
439	Lighting	NOR ARRA	Tutwiler Prison for Women	Lighting	\$16,098.72		\$0.00	\$16,098.72		\$0.00	\$0.00
446	Lighting	NOR ARRA	Tutwiler Prison for Women	Lighting	\$132,595.90		\$0.00	\$132,595.90		\$0.00	\$0.00
38	Lighting	JCI ARRA	Ventress CF	VNT 4.1.1 Lighting Retrofits	\$293,442.19		\$293,442.19	\$0.00		\$0.00	\$0.00
51	Lighting	JCI ARRA	Ventress CF	VNT 4.2 Lighting Occupancy Controls	\$37,399.48		\$37,399.48	\$0.00		\$0.00	\$0.00
340	Kitchen Equipment/Systems	NOR ARRA	Alex City CBF	Ice Machines	\$3,497.00		\$0.00	\$3,497.00		\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESKO	JCI	NORESKO
67	Kitchen Equipment/Systems	JCI ARRA	Atmore CBF/CWC	ATM 6.3 Kitchen - Kitchen Hood Controls	\$2,385.99	\$2,385.99	\$0.00	\$0.00	\$0.00
346	Kitchen Equipment/Systems	NOR ARRA	Birmingham CBF	Ice Machines	\$1,165.70	\$0.00	\$1,165.70	\$0.00	\$0.00
56	Kitchen Equipment/Systems	JCI ARRA	Bibb County CF	BIB 6.0 Kitchen Equipment Replacement	\$151,124.47	\$151,124.47	\$0.00	\$0.00	\$0.00
146	Kitchen Equipment/Systems	JCI nonARRA	Bibb County CF	Only (1) of the (3) walk-in coolers have strip curtains. Strip curtains minimize cooling requirements when doors are opened. The scope of this ECM is to install strip curtains on the other (2) walk-in coolers.	\$4,616.04	\$0.00	\$0.00	\$4,616.04	\$0.00
354	Kitchen Equipment/Systems	NOR ARRA	Bullock CF	Ice Machines	\$3,497.00	\$0.00	\$3,497.00	\$0.00	\$0.00
355	Kitchen Equipment/Systems	NOR ARRA	Bullock CF	Kitchen Hood Controls	\$159,375.90	\$0.00	\$159,375.90	\$0.00	\$0.00
57	Kitchen Equipment/Systems	JCI ARRA	Childersburg CBF/CWC	CHL 6.0 Kitchen Equipment Replacement	\$60,382.45	\$60,382.45	\$0.00	\$0.00	\$0.00
363	Kitchen Equipment/Systems	NOR ARRA	Decatur CBF	Ice Machines	\$2,333.20	\$0.00	\$2,333.20	\$0.00	\$0.00
373	Kitchen Equipment/Systems	NOR ARRA	Donaldson CF	Ice Machines	\$3,497.00	\$0.00	\$3,497.00	\$0.00	\$0.00
59	Kitchen Equipment/Systems	JCI ARRA	Draper CF	DRA 6.1 Kitchen Equipment Replacement	\$120,654.45	\$120,654.45	\$0.00	\$0.00	\$0.00
70	Kitchen Equipment/Systems	JCI ARRA	Draper CF	DRA 6.4 Dishwasher Replacement	\$84,929.71	\$84,929.71	\$0.00	\$0.00	\$0.00
60	Kitchen Equipment/Systems	JCI ARRA	Elba CBF	ELB 6.1 Kitchen Equipment Replacement	\$10,029.42	\$10,029.42	\$0.00	\$0.00	\$0.00
68	Kitchen Equipment/Systems	JCI ARRA	Elba CBF	ELB 6.3 Kitchen Hood Controls	\$2,211.30	\$2,211.30	\$0.00	\$0.00	\$0.00
388	Kitchen Equipment/Systems	NOR ARRA	Elmore CF	Ice Machines	\$9,327.10	\$0.00	\$9,327.10	\$0.00	\$0.00
381	Kitchen Equipment/Systems	NOR ARRA	Easterling CF	Ice Machines	\$10,490.80	\$0.00	\$10,490.80	\$0.00	\$0.00
382	Kitchen Equipment/Systems	NOR ARRA	Easterling CF	Kitchen Hood Controls	\$63,748.80	\$0.00	\$63,748.80	\$0.00	\$0.00
61	Kitchen Equipment/Systems	JCI ARRA	Frank Lee WR	FLW 6.1 Kitchen Equipment Replacement	\$9,954.90	\$9,954.90	\$0.00	\$0.00	\$0.00
71	Kitchen Equipment/Systems	JCI ARRA	Frank Lee WR	FLW 6.4 Dishwasher Replacement	\$62,065.17	\$62,065.17	\$0.00	\$0.00	\$0.00
74	Kitchen Equipment/Systems	JCI ARRA	Frank Lee WR	FLW 6.8 Main Building - Strip Curtains	\$3,905.82	\$3,905.82	\$0.00	\$0.00	\$0.00
58	Kitchen Equipment/Systems	JCI ARRA	Fountain CF	FTN 6.0 Kitchen Equipment Replacement	\$216,788.05	\$216,788.05	\$0.00	\$0.00	\$0.00
395	Kitchen Equipment/Systems	NOR ARRA	Hamilton CBF	Ice Machines	\$2,333.20	\$0.00	\$2,333.20	\$0.00	\$0.00
396	Kitchen Equipment/Systems	NOR ARRA	Hamilton CBF	Kitchen Hood Controls	\$62,888.50	\$0.00	\$62,888.50	\$0.00	\$0.00
403	Kitchen Equipment/Systems	NOR ARRA	Hamilton CBF	Ice Machines	\$2,333.20	\$0.00	\$2,333.20	\$0.00	\$0.00
407	Kitchen Equipment/Systems	NOR ARRA	Holman CF	Ice Machines	\$3,497.00	\$0.00	\$3,497.00	\$0.00	\$0.00
408	Kitchen Equipment/Systems	NOR ARRA	Holman CF	Kitchen Hood Controls	\$81,488.70	\$0.00	\$81,488.70	\$0.00	\$0.00
414	Kitchen Equipment/Systems	NOR ARRA	Kilby CF	Dishwashers	\$299,820.00	\$0.00	\$299,820.00	\$0.00	\$0.00
416	Kitchen Equipment/Systems	NOR ARRA	Kilby CF	Ice Machines	\$4,660.40	\$0.00	\$4,660.40	\$0.00	\$0.00
423	Kitchen Equipment/Systems	NOR ARRA	Kilby CF	Steam Trap Replacement	\$130,464.20	\$0.00	\$130,464.20	\$0.00	\$0.00
62	Kitchen Equipment/Systems	JCI ARRA	Limestone CF	LIM 6.1 Kitchen Equipment Replacement	\$143,888.40	\$143,888.40	\$0.00	\$0.00	\$0.00
230	Kitchen Equipment/Systems	JCI nonARRA	Limestone CF	Currently kitchen office area is served by old inefficient split system unit. The scope of this is to replace split system unit serving kitchen office area with new high efficiency heat pump unit. Install programmable thermostat to implement scheduling and night setback.	\$19,472.35	\$0.00	\$0.00	\$19,472.35	\$0.00
241	Kitchen Equipment/Systems	JCI nonARRA	Limestone CF	Existing AHU above west mechanical room serving kitchen is old and needs to be replaced. The existing AHU will be demolished. The existing AHU will be replaced with the new high efficiency constant volume AHU. Existing AHU serving the dinning area is old and inefficient. The existing AHU will be abandoned in place. The new high efficiency constant volume AHU serving dining area will be located in the east mechanical room. Install DDC to implement scheduling and night setback on (2) new AHUs for the kitchen.	\$68,978.82	\$0.00	\$0.00	\$68,978.82	\$0.00
426	Kitchen Equipment/Systems	NOR ARRA	Loxley CBF/CWC	Ice Machines	\$3,497.00	\$0.00	\$3,497.00	\$0.00	\$0.00
69	Kitchen Equipment/Systems	JCI ARRA	Mobile CBF	MOB 6.3 Kitchen Hood Make-up Air	\$8,319.83	\$8,319.83	\$0.00	\$0.00	\$0.00
63	Kitchen Equipment/Systems	JCI ARRA	Montgomery Womens Facility	MNT 6.1 Kitchen Equipment Replacement	\$10,180.08	\$10,180.08	\$0.00	\$0.00	\$0.00
432	Kitchen Equipment/Systems	NOR ARRA	Red Eagle Honor Farm	Ice Machines	\$3,497.00	\$0.00	\$3,497.00	\$0.00	\$0.00
65	Kitchen Equipment/Systems	JCI ARRA	Staton CF	STA 6.1 Kitchen Equipment Replacement	\$72,488.52	\$72,488.52	\$0.00	\$0.00	\$0.00
64	Kitchen Equipment/Systems	JCI ARRA	St Clair CF	STC 6.1.1 Kitchen Equipment Replacement	\$106,885.98	\$106,885.98	\$0.00	\$0.00	\$0.00
72	Kitchen Equipment/Systems	JCI ARRA	St Clair CF	STC 6.4 Dishwasher Replacement	\$109,402.00	\$109,402.00	\$0.00	\$0.00	\$0.00
75	Kitchen Equipment/Systems	JCI ARRA	St Clair CF	STC 6.8 Strip Curtains	\$10,125.00	\$10,125.00	\$0.00	\$0.00	\$0.00
112	Kitchen Equipment/Systems	JCI ARRA	St Clair CF	STC 9.1 Gen Kitch	\$3,844.81	\$3,844.81	\$0.00	\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESKO	JCI	NORESKO	
277	Kitchen Equipment/Systems	JCI nonARRA	St Clair CF	The special diet kitchen is served by (2) older less efficient 3-ton split units. The units are controlled by non-programmable thermostats. The scope of this ECM is to replace existing units with a properly sized (1) heat pump unit with aux electric heat. Programmable thermostats will be installed to implement scheduling and night setback through BMS system.	\$52,661.11		\$0.00	\$0.00	\$52,661.11	\$0.00
287	Kitchen Equipment/Systems	JCI nonARRA	St Clair CF	The general kitchen, dinning and sandwich shop areas are served by a heating only multizone AHU. The pneumatic controls on these multizone unit are non-functional. The mutlizeone unit run 24x7. The scope of this ECM is to retrofit and recommission existing heating only multizone AHU. This will include installing new energy efficient motors on SF,EF,OAF, electric damper actuators, 2-way control valve, reseal unit joints (where applicable), reinsulate units (where applicable), unit safeties (high/low limits), belt guards, repairs on air-to-air heat exchanger (if applicable). DDC controls will be installed to implement scheduling and night setback through BMS.	\$100,776.84		\$0.00	\$0.00	\$100,776.84	\$0.00
438	Kitchen Equipment/Systems	NOR ARRA	Tutwiler Prison for Women	Ice Machines	\$2,333.20		\$0.00	\$2,333.20	\$0.00	\$0.00
443	Kitchen Equipment/Systems	NOR ARRA	Tutwiler Prison for Women	Ice Machines	\$3,497.00		\$0.00	\$3,497.00	\$0.00	\$0.00
444	Kitchen Equipment/Systems	NOR ARRA	Tutwiler Prison for Women	Kitchen Hood Controls	\$116,600.40		\$0.00	\$116,600.40	\$0.00	\$0.00
66	Kitchen Equipment/Systems	JCI ARRA	Ventress CF	VNT 6.1 Kitchen Equipment Replacement	\$37,548.36	\$37,548.36		\$0.00	\$0.00	\$0.00
73	Kitchen Equipment/Systems	JCI ARRA	Ventress CF	VNT 6.4 Dishwasher Replacement	\$133,783.99	\$133,783.99		\$0.00	\$0.00	\$0.00
330	Kitchen Equipment/Systems	JCI nonARRA	Ventress CF	Currently there are ten water cooled ice machines using domestic water for cooling. This ECM installs a new water cooling loop to replace the domestic water once through.	\$75,202.71		\$0.00	\$0.00	\$75,202.71	\$0.00
331	Kitchen Equipment/Systems	JCI nonARRA	Ventress CF	Replace existing 30 ton LP gas AC & heating system with new system, at same capacity including new steel substructure and new ductwork.	\$88,746.53		\$0.00	\$0.00	\$88,746.53	\$0.00
205	Domestic Water Systems/controls	JCI nonARRA	Agency Administration	The main building has 8,300 Square feet of refrigerated space, excluding freezers. These areas include the following: Warehouse 2, Cooler B, Cooler C, Cooler H, Meat Processing and the refrigerated corridors. Ten (10) condensing units located on the roof serve evaporators located in each area. Temperatures for these rooms are maintained at 42F. Note: Cooler B is presently overloaded and temperatures are kept at 37F. There is an additional 7,300 Square feet of frozen storage space. These areas include freezers A, D, E, F and G. Five (5) condensing units located on the roof serve evaporator coils for these units. Temperatures are maintained at -4F. Defrost is timed. The scope of this ECM is to replace the existing units with higher efficiency units, incorporate heat recovery to pre-heat water used for wash down, and implement demand defrost. The Warehouse 14 has 1,860 Square feet of frozen storage space. These areas include Freezer A, B and C. Six (6) ground-mounted condensing units serve evaporators located in each freezer. Temperatures are maintained at -4F. Defrost is timed. The scope of this E	\$2,155,132.54		\$0.00	\$0.00	\$2,155,132.54	\$0.00
451	Domestic Water Systems/controls	NOR nonARRA	Alex City CBF	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
454	Domestic Water Systems/controls	NOR nonARRA	Alex City CBF	Water Conservation	\$39,715.52		\$0.00	\$0.00	\$0.00	\$39,715.52
5	Domestic Water Systems/controls	JCI ARRA	Atmore CBF/CWC	ATM 3.11 Kitchen - DHW Tank Insulate	\$4,126.71	\$4,126.71		\$0.00	\$0.00	\$0.00
137	Domestic Water Systems/controls	JCI nonARRA	Atmore CBF/CWC	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$93,832.49		\$0.00	\$0.00	\$93,832.49	\$0.00
457	Domestic Water Systems/controls	NOR nonARRA	Birmingham CBF	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
461	Domestic Water Systems/controls	NOR nonARRA	Birmingham CBF	Water Conservation	\$30,778.86		\$0.00	\$0.00	\$0.00	\$30,778.86
138	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$227,626.74		\$0.00	\$0.00	\$227,626.74	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
139	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	The mechanical room houses (2) domestic water heaters which provide hot water for the Main Building, the warehouse and for Building I, which houses the kitchen and laundry. Water is produced by (2) Raypak WH1-1223 boilers and is stored in (2) storage tanks. Boilers are presently generating 160F water. The scope of this ECM is to replace the (2) boilers with (3) Aerco condensing boilers. Replace hot water tanks, circulation pumps, mixing valves and repipe as needed.. As part of this ECM, insulation will be restored to all hot water piping in the mechanical room.	\$376,266.20		\$0.00	\$0.00	\$376,266.20	\$0.00
140	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Six (6) 91 gallon 199,000 Btuh natural gas water heaters (Rheem G91-220-1 or American DCG3-100T199-GNH) provide domestic hot water for the inmate dorms. A 40 gallon natural gas water heater provides hot water for the seg unit. A significant amount of piping in the mechanical rooms is uninsulated. According to personnel, the quality of water causes a significant maintenance issue and hot water heaters are replaced prematurely. The scope of this ECM is to install a central water treatment station and install (2) Aerco condensing boilers to provide domestic hot water. Interconnect the piping so these new boilers provide all of the domestic hot water needs. Insulate all uninsulated hot water piping.	\$379,924.38		\$0.00	\$0.00	\$379,924.38	\$0.00
141	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Six (2) 91 gallon natural gas water heaters and (1) Raypak boiler provide domestic hot water for the inmate dorms. A 40 gallon natural gas water heater provides hot water for the seg unit. A significant amount of piping in the mechanical rooms is uninsulated. According to personnel, the quality of water causes a significant maintenance issue and hot water heaters are replaced prematurely. The raypak unit water presently has saline water treatment. The scope of this ECM is to install a central water treatment station and install (2) Aerco condensing boilers to provide domestic hot water. Interconnect the piping so these new boilers provide all of the domestic hot water needs. Insulate all uninsulated hot water piping.	\$379,924.38		\$0.00	\$0.00	\$379,924.38	\$0.00
142	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Six (6) 91 gallon 199,000 Btuh natural gas water heaters (Rheem G91-220-1 or American DCG3-100T199-GNH) provide domestic hot water for the inmate dorms. A 40 gallon natural gas water heater provides hot water for the seg unit. A significant amount of piping in the mechanical rooms is uninsulated. According to personnel, the quality of water causes a significant maintenance issue and hot water heaters are replaced prematurely. The scope of this ECM is to install a central water treatment station and install (2) Aerco condensing boilers to provide domestic hot water. Interconnect the piping so these new boilers provide all of the domestic hot water needs. Insulate all uninsulated hot water piping.	\$379,924.38		\$0.00	\$0.00	\$379,924.38	\$0.00
143	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Six (6) 91 gallon 199,000 Btuh natural gas water heaters (Rheem G91-220-1 or American DCG3-100T199-GNH) provide domestic hot water for the inmate dorms. A 40 gallon natural gas water heater provides hot water for the seg unit. A significant amount of piping in the mechanical rooms is uninsulated. According to personnel, the quality of water causes a significant maintenance issue and hot water heaters are replaced prematurely. The scope of this ECM is to install a central water treatment station and install (2) Aerco condensing boilers to provide domestic hot water. Interconnect the piping so these new boilers provide all of the domestic hot water needs. Insulate all uninsulated hot water piping.	\$379,924.38		\$0.00	\$0.00	\$379,924.38	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
144	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Six (6) 91 gallon 199,000 Btuh natural gas water heaters (Rheem G91-220-1 or American DCG3-100T199-GNH) provide domestic hot water for the inmate dorms. A 40 gallon natural gas water heater provides hot water for the seg unit. A significant amount of piping in the mechanical rooms is uninsulated. According to personnel, the quality of water causes a significant maintenance issue and hot water heaters are replaced prematurely. The scope of this ECM is to install a central water treatment station and install (2) Aerco condensing boilers to provide domestic hot water. Interconnect the piping so these new boilers provide all of the domestic hot water needs. Insulate all uninsulated hot water piping.	\$369,941.34		\$0.00	\$0.00	\$369,941.34	\$0.00
145	Domestic Water Systems/controls	JCI nonARRA	Bibb County CF	Six (6) 91 gallon 199,000 Btuh natural gas water heaters (Rheem G91-220-1 or American DCG3-100T199-GNH) provide domestic hot water for the inmate dorms. A 40 gallon natural gas water heater provides hot water for the seg unit. A significant amount of piping in the mechanical rooms is uninsulated. According to personnel, the quality of water causes a significant maintenance issue and hot water heaters are replaced prematurely. The scope of this ECM is to install a central water treatment station and install (2) Aerco condensing boilers to provide domestic hot water. Interconnect the piping so these new boilers provide all of the domestic hot water needs. Insulate all uninsulated hot water piping.	\$369,941.34		\$0.00	\$0.00	\$369,941.34	\$0.00
466	Domestic Water Systems/controls	NOR nonARRA	Bullock CF	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
471	Domestic Water Systems/controls	NOR nonARRA	Bullock CF	Water Conservation	\$902,559.30		\$0.00	\$0.00	\$0.00	\$902,559.30
151	Domestic Water Systems/controls	JCI nonARRA	Camden CBF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$126,429.94		\$0.00	\$0.00	\$126,429.94	\$0.00
180	Domestic Water Systems/controls	JCI nonARRA	State Cattle Ranch	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$65,682.67		\$0.00	\$0.00	\$65,682.67	\$0.00
4	Domestic Water Systems/controls	JCI ARRA	Childersburg CBF/CWC	CHL 3.0 Chil Insulation	\$24,311.00	\$24,311.00	\$0.00	\$0.00	\$0.00	\$0.00
10	Domestic Water Systems/controls	JCI ARRA	Childersburg CBF/CWC	CHL 3.7 Dorm D2	\$58,002.07	\$58,002.07	\$0.00	\$0.00	\$0.00	\$0.00
11	Domestic Water Systems/controls	JCI ARRA	Childersburg CBF/CWC	CHL 3.7 Dorm D1	\$35,562.57	\$35,562.57	\$0.00	\$0.00	\$0.00	\$0.00
152	Domestic Water Systems/controls	JCI nonARRA	Childersburg CBF/CWC	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$126,429.94		\$0.00	\$0.00	\$126,429.94	\$0.00
13	Domestic Water Systems/controls	JCI ARRA	J.O. DAVIS	JOD 3.7.1 DHW Heater Replacement	\$32,819.13	\$32,819.13	\$0.00	\$0.00	\$0.00	\$0.00
14	Domestic Water Systems/controls	JCI ARRA	J.O. DAVIS	JOD 3.7.2 DHW Heater Replacement	\$18,114.74	\$18,114.74	\$0.00	\$0.00	\$0.00	\$0.00
209	Domestic Water Systems/controls	JCI nonARRA	J.O. DAVIS	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$63,821.00		\$0.00	\$0.00	\$63,821.00	\$0.00
474	Domestic Water Systems/controls	NOR nonARRA	Decatur CBF	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
481	Domestic Water Systems/controls	NOR nonARRA	Decatur CBF	Water Conservation	\$104,695.11		\$0.00	\$0.00	\$0.00	\$104,695.11
489	Domestic Water Systems/controls	NOR nonARRA	Donaldson CF	Water Conservation	\$1,708,218.39		\$0.00	\$0.00	\$0.00	\$1,708,218.39
164	Domestic Water Systems/controls	JCI nonARRA	Draper CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$227,626.74		\$0.00	\$0.00	\$227,626.74	\$0.00
6	Domestic Water Systems/controls	JCI ARRA	Elba CBF	ELB 3.11 Insulation	\$4,484.16	\$4,484.16	\$0.00	\$0.00	\$0.00	\$0.00
12	Domestic Water Systems/controls	JCI ARRA	Elba CBF	ELB 3.7 DHW Replacement	\$32,496.29	\$32,496.29	\$0.00	\$0.00	\$0.00	\$0.00
174	Domestic Water Systems/controls	JCI nonARRA	Elba CBF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$53,318.48		\$0.00	\$0.00	\$53,318.48	\$0.00
499	Domestic Water Systems/controls	NOR nonARRA	Elmore CF	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
503	Domestic Water Systems/controls	NOR nonARRA	Elmore CF	Water Conservation	\$163,091.34		\$0.00	\$0.00	\$0.00	\$163,091.34
493	Domestic Water Systems/controls	NOR nonARRA	Easterling CF	Kitchen Water Conservation	\$3,698.90		\$0.00	\$0.00	\$0.00	\$3,698.90
496	Domestic Water Systems/controls	NOR nonARRA	Easterling CF	Water Conservation	\$339,164.29		\$0.00	\$0.00	\$0.00	\$339,164.29
9	Domestic Water Systems/controls	JCI ARRA	East Thomas Residential Annex	EAT 3.6 Solar Thermal System	\$23,130.68	\$23,130.68	\$0.00	\$0.00	\$0.00	\$0.00
7	Domestic Water Systems/controls	JCI ARRA	Frank Lee WR	FLW 3.11 Main Building - Insulation	\$22,651.59	\$22,651.59	\$0.00	\$0.00	\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
188	Domestic Water Systems/controls	JCI nonARRA	Frank Lee WR	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$66,081.84		\$0.00	\$0.00	\$66,081.84	\$0.00
19	Domestic Water Systems/controls	JCI ARRA	Fountain CF	FNT 3.8 DHW heater, fuel conversion	\$323,319.57	\$323,319.57	\$0.00	\$0.00	\$0.00	\$0.00
183	Domestic Water Systems/controls	JCI nonARRA	Fountain CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$387,945.92		\$0.00	\$0.00	\$387,945.92	\$0.00
507	Domestic Water Systems/controls	NOR nonARRA	Hamilton CBF	Kitchen Water Conservation	\$2,030.30		\$0.00	\$0.00	\$0.00	\$2,030.30
511	Domestic Water Systems/controls	NOR nonARRA	Hamilton CBF	Water Conservation	\$66,285.27		\$0.00	\$0.00	\$0.00	\$66,285.27
515	Domestic Water Systems/controls	NOR nonARRA	Hamilton CBF	Water Conservation	\$42,336.05		\$0.00	\$0.00	\$0.00	\$42,336.05
519	Domestic Water Systems/controls	NOR nonARRA	Holman CF	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
523	Domestic Water Systems/controls	NOR nonARRA	Holman CF	Water Conservation	\$1,227,615.77		\$0.00	\$0.00	\$0.00	\$1,227,615.77
527	Domestic Water Systems/controls	NOR nonARRA	Kilby CF	Kitchen Water Conservation	\$2,030.30		\$0.00	\$0.00	\$0.00	\$2,030.30
534	Domestic Water Systems/controls	NOR nonARRA	Kilby CF	Water Conservation	\$694,516.42		\$0.00	\$0.00	\$0.00	\$694,516.42
211	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$927,632.84		\$0.00	\$0.00	\$927,632.84	\$0.00
214	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Replace existing domestic hot water generator with new energy efficient condensing boiler. Existing tank will be reused.	\$327,505.23		\$0.00	\$0.00	\$327,505.23	\$0.00
217	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Replace existing Raypak hot water generator with new high efficiency condensing boiler. Reinsulate existing tank. Revise the DHW piping to simplify control, reset the temperature control to deliver 115 °F HW. Reinsulate DHW piping.	\$289,426.70		\$0.00	\$0.00	\$289,426.70	\$0.00
222	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	The HW piping will be re-insulated and units will be replaced with new hot water unit heaters. The units will be controlled by controlling the fans to maintain space temperature set point during the heating season. During the summer months HW will be shut off. The ventilation fans will be interlocked with respective dampers. The damper actuators will be replaced with electric actuators with end switches. Install DDC to control ventilation fans. The ventilation fans will be controlled based on temperature during summer season. The ventilation fans will be cycled during winter season. Install DDC controls for the hot water system.	\$212,728.33		\$0.00	\$0.00	\$212,728.33	\$0.00
224	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	DDC systems will be installed to control heating hot water system and implement reset based on outdoor air using BMS system .	\$286,204.79		\$0.00	\$0.00	\$286,204.79	\$0.00
249	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Replace existing hot water circulating pump with high efficiency motor	\$26,767.65		\$0.00	\$0.00	\$26,767.65	\$0.00
250	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Replace two (2) existing hot water circulating pumps in the west mechanical room with new pumps to include high efficiency motors.	\$26,767.65		\$0.00	\$0.00	\$26,767.65	\$0.00
251	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Replace existing hot water circulating pumps with high efficiency motor	\$24,561.69		\$0.00	\$0.00	\$24,561.69	\$0.00
252	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	Replace (2) existing circulating heating HW pumps with high efficiency motor equipped pumps.	\$196,489.04		\$0.00	\$0.00	\$196,489.04	\$0.00
253	Domestic Water Systems/controls	JCI nonARRA	Limestone CF	The existing constant speed chilled water pump will be replaced with a new pump with a high efficiency motor.	\$32,009.53		\$0.00	\$0.00	\$32,009.53	\$0.00
537	Domestic Water Systems/controls	NOR nonARRA	Loxley CBF/CWC	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
540	Domestic Water Systems/controls	NOR nonARRA	Loxley CBF/CWC	Water Conservation	\$93,551.11		\$0.00	\$0.00	\$0.00	\$93,551.11
256	Domestic Water Systems/controls	JCI nonARRA	Mobile CBF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$38,981.93		\$0.00	\$0.00	\$38,981.93	\$0.00
8	Domestic Water Systems/controls	JCI ARRA	Montgomery Womens Facility	MNT 3.12 Dorm A - Pipe Insulation	\$3,562.38	\$3,562.38	\$0.00	\$0.00	\$0.00	\$0.00
260	Domestic Water Systems/controls	JCI nonARRA	Montgomery Womens Facility	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$73,850.55		\$0.00	\$0.00	\$73,850.55	\$0.00
543	Domestic Water Systems/controls	NOR nonARRA	Red Eagle Honor Farm	Kitchen Water Conservation	\$365.70		\$0.00	\$0.00	\$0.00	\$365.70
546	Domestic Water Systems/controls	NOR nonARRA	Red Eagle Honor Farm	Water Conservation	\$49,195.32		\$0.00	\$0.00	\$0.00	\$49,195.32
296	Domestic Water Systems/controls	JCI nonARRA	Staton CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$483,718.69		\$0.00	\$0.00	\$483,718.69	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO
16	Domestic Water Systems/controls	JCI ARRA	St Clair CF	STC 3.7 Dorm H	\$128,790.00	\$128,790.00	\$0.00	\$0.00	\$0.00
266	Domestic Water Systems/controls	JCI nonARRA	St Clair CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$766,934.22	\$0.00	\$0.00	\$766,934.22	\$0.00
551	Domestic Water Systems/controls	NOR nonARRA	Tutwiler Prison for Women	Water Conservation	\$39,248.11	\$0.00	\$0.00	\$0.00	\$39,248.11
555	Domestic Water Systems/controls	NOR nonARRA	Tutwiler Prison for Women	Kitchen Water Conservation	\$365.70	\$0.00	\$0.00	\$0.00	\$365.70
558	Domestic Water Systems/controls	NOR nonARRA	Tutwiler Prison for Women	Water Conservation	\$491,459.04	\$0.00	\$0.00	\$0.00	\$491,459.04
17	Domestic Water Systems/controls	JCI ARRA	Ventress CF	VNT 3.7 Kitchen - DHW Heater Replacement	\$54,737.47	\$54,737.47	\$0.00	\$0.00	\$0.00
18	Domestic Water Systems/controls	JCI ARRA	Ventress CF	VNT 3.7 H Dorm - DHW Heater Replacement	\$55,168.48	\$55,168.48	\$0.00	\$0.00	\$0.00
329	Domestic Water Systems/controls	JCI nonARRA	Ventress CF	Toilet upgrades, flush valve replacements, faucet aerators, new shower heads (see line by line for detail)	\$1,209,852.33	\$0.00	\$0.00	\$1,209,852.33	\$0.00
343	Laundry Equipment/Systems	NOR ARRA	Alex City CBF	Washing Machines	\$19,054.10	\$0.00	\$19,054.10	\$0.00	\$0.00
350	Laundry Equipment/Systems	NOR ARRA	Birmingham CBF	Washing Machines	\$6,417.80	\$0.00	\$6,417.80	\$0.00	\$0.00
76	Laundry Equipment/Systems	JCI ARRA	Bibb County CF	BIB 7.0 Laundry System	\$112,956.12	\$112,956.12	\$0.00	\$0.00	\$0.00
360	Laundry Equipment/Systems	NOR ARRA	Bullock CF	Ozone Laundry Systems	\$118,762.40	\$0.00	\$118,762.40	\$0.00	\$0.00
181	Laundry Equipment/Systems	JCI nonARRA	State Cattle Ranch	Replace (2) existing 1997 vintage existing natural gas dryers with new 125 Lb capacity Unimac commercial natural gas dryers.	\$27,895.96	\$0.00	\$0.00	\$27,895.96	\$0.00
153	Laundry Equipment/Systems	JCI nonARRA	Childersburg CBF/CWC	Replace (2) Unimac 2002 vintage 60 Lb commercial washers with (2) new 60 Lb Unimac commercial washers.	\$35,597.89	\$0.00	\$0.00	\$35,597.89	\$0.00
154	Laundry Equipment/Systems	JCI nonARRA	Childersburg CBF/CWC	The scope of this ECM includes replacement of existing (6) electric dryers in the laundry facility with (6) Unimac commercial gas dryers. The natural gas line will be extended to the laundry facility under the scope of this ECM.	\$87,867.40	\$0.00	\$0.00	\$87,867.40	\$0.00
369	Laundry Equipment/Systems	NOR ARRA	Decatur CBF	Ozone Laundry Systems	\$98,492.60	\$0.00	\$98,492.60	\$0.00	\$0.00
378	Laundry Equipment/Systems	NOR ARRA	Donaldson CF	Ozone Laundry Systems	\$98,492.60	\$0.00	\$98,492.60	\$0.00	\$0.00
175	Laundry Equipment/Systems	JCI nonARRA	Elba CBF	Replace (2) existing residential washers with new front load commercial washers. The existing washers were purchased in 2008 but are residential top loading. The new washers reduce the amount of drying time required.	\$11,712.98	\$0.00	\$0.00	\$11,712.98	\$0.00
392	Laundry Equipment/Systems	NOR ARRA	Elmore CF	Ozone Laundry Systems	\$118,762.40	\$0.00	\$118,762.40	\$0.00	\$0.00
385	Laundry Equipment/Systems	NOR ARRA	Easterling CF	Ozone Laundry Systems	\$74,841.10	\$0.00	\$74,841.10	\$0.00	\$0.00
77	Laundry Equipment/Systems	JCI ARRA	Fountain CF	FTN 7.0 Laundry Equipment Replacement	\$76,010.40	\$76,010.40	\$0.00	\$0.00	\$0.00
81	Laundry Equipment/Systems	JCI ARRA	Fountain CF	FNT 7.4 DHW Direct Contact Boiler / Holding Tank Insulation	\$10,378.76	\$10,378.76	\$0.00	\$0.00	\$0.00
400	Laundry Equipment/Systems	NOR ARRA	Hamilton CBF	Ozone Laundry Systems	\$74,841.10	\$0.00	\$74,841.10	\$0.00	\$0.00
422	Laundry Equipment/Systems	NOR ARRA	Kilby CF	Ozone Laundry Systems	\$98,492.60	\$0.00	\$98,492.60	\$0.00	\$0.00
15	Laundry Equipment/Systems	JCI ARRA	Limestone CF	LIM 3.7 Laundry Replace HW Generator	\$280,185.79	\$280,185.79	\$0.00	\$0.00	\$0.00
78	Laundry Equipment/Systems	JCI ARRA	Limestone CF	LIM 7.0 Laundry Equipment Upgrade	\$241,574.40	\$241,574.40	\$0.00	\$0.00	\$0.00
429	Laundry Equipment/Systems	NOR ARRA	Loxley CBF/CWC	Washing Machines	\$19,256.60	\$0.00	\$19,256.60	\$0.00	\$0.00
261	Laundry Equipment/Systems	JCI nonARRA	Montgomery Womens Facility	Replace (2) existing 2004 vintage 55 Lb Dexter washing machines with (2) new 60 Lb capacity Unimac commercial duty washing machines.	\$30,025.21	\$0.00	\$0.00	\$30,025.21	\$0.00
435	Laundry Equipment/Systems	NOR ARRA	Red Eagle Honor Farm	Ozone Laundry Systems	\$74,841.10	\$0.00	\$74,841.10	\$0.00	\$0.00
79	Laundry Equipment/Systems	JCI ARRA	St Clair CF	STC 7.0 Laundry Equipment Replacement	\$165,371.22	\$165,371.22	\$0.00	\$0.00	\$0.00
295	Laundry Equipment/Systems	JCI nonARRA	St Clair CF	Currently a 940,000 BTU dedicated boiler serves the kitchen and laundry areas. This boiler heats hot water from domestic hot water system from 120 deg F to 140 deg F. The scope of this ECM is to eliminate this existing dedicated boiler for laundry and kitchen areas. This boiler will no longer be required due to implementation of ozone laundry system and new dishwasher in the kitchen covered under separate ECMs. The existing boiler will be decommissioned and left in place.	\$5,004.74	\$0.00	\$0.00	\$5,004.74	\$0.00
440	Laundry Equipment/Systems	NOR ARRA	Tutwiler Prison for Women	Washing Machines	\$8,561.10	\$0.00	\$8,561.10	\$0.00	\$0.00
447	Laundry Equipment/Systems	NOR ARRA	Tutwiler Prison for Women	Ozone Laundry Systems	\$74,841.10	\$0.00	\$74,841.10	\$0.00	\$0.00
80	Laundry Equipment/Systems	JCI ARRA	Ventress CF	VNT 7.0 Laundry Equipment Replacement	\$184,971.60	\$184,971.60	\$0.00	\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESKO	JCI	NORESKO	
82	Plug Load Control	JCI ARRA	ACI	ACI 8.1 Admin and Showrooms - Vending Miser	\$988.20		\$988.20	\$0.00	\$0.00	\$0.00
136	Plug Load Control	JCI nonARRA	ACI	Delamp (1) snack machine in the break room and (1) snack machine in the construction office area.	\$1.98		\$0.00	\$0.00	\$1.98	\$0.00
83	Plug Load Control	JCI ARRA	Bibb County CF	BIB 8.1 Main Building - Vending Miser	\$2,911.14	\$2,911.14	\$0.00	\$0.00	\$0.00	\$0.00
147	Plug Load Control	JCI nonARRA	Bibb County CF	Delamp (7) snack machines and (3) sandwich machines.	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
86	Plug Load Control	JCI ARRA	State Cattle Ranch	FAR 8.1 Main Building - Vending Miser	\$494.10	\$494.10	\$0.00	\$0.00	\$0.00	\$0.00
182	Plug Load Control	JCI nonARRA	State Cattle Ranch	Delamp (1) snack machine in the break room.	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
84	Plug Load Control	JCI ARRA	Childersburg CBF/CWC	CHL 8.1 Kitch & Vend	\$1,482.30	\$1,482.30	\$0.00	\$0.00	\$0.00	\$0.00
155	Plug Load Control	JCI nonARRA	Childersburg CBF/CWC	Delamp (3) snack and (2) cold food machines	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
156	Plug Load Control	JCI nonARRA	Childersburg CBF/CWC	The commissary building houses soda, snack and sandwich vending machines. The space is served by a 3-ton packaged unit. The unit is currently controlled by a non-programmable thermostat. The unit runs all the time to maintain the temperature set point. The ambient space temperature limitation for vending machines is 85 deg F. The scope of this ECM is to install exhaust fan for this vending area. The exhaust fan operation will be interlocked with the existing packaged AC unit. The temperature set point for the packaged AC unit will be reset to 85 deg F.	\$6,648.21	\$0.00	\$0.00	\$6,648.21	\$0.00	\$0.00
85	Plug Load Control	JCI ARRA	Draper CF	DRA 8.1 Main Building - Vending Miser	\$2,470.50	\$2,470.50	\$0.00	\$0.00	\$0.00	\$0.00
165	Plug Load Control	JCI nonARRA	Draper CF	Delamp (4) snack machines.	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
87	Plug Load Control	JCI ARRA	Frank Lee WR	FLW 8.1 Main Building - Vending Miser	\$988.20	\$988.20	\$0.00	\$0.00	\$0.00	\$0.00
189	Plug Load Control	JCI nonARRA	Frank Lee WR	Delamp (1) snack machine in the break room.	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
91	Plug Load Control	JCI ARRA	Limestone CF	LIM 8.2.1 Vending Miser	\$3,952.80	\$3,952.80	\$0.00	\$0.00	\$0.00	\$0.00
218	Plug Load Control	JCI nonARRA	Limestone CF	Delamp (9) snack machines	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
88	Plug Load Control	JCI ARRA	Mobile CBF	MOB 8.1 Vending Machine Control	\$3,458.70	\$3,458.70	\$0.00	\$0.00	\$0.00	\$0.00
89	Plug Load Control	JCI ARRA	Montgomery Womens Facility	MNT 8.1 Main Building - Vending Miser	\$494.10	\$494.10	\$0.00	\$0.00	\$0.00	\$0.00
262	Plug Load Control	JCI nonARRA	Montgomery Womens Facility	Delamp (2) snack machine.	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
90	Plug Load Control	JCI ARRA	Staton CF	STA 8.1 Admin Building - Vending Miser	\$1,482.30	\$1,482.30	\$0.00	\$0.00	\$0.00	\$0.00
297	Plug Load Control	JCI nonARRA	Staton CF	Delamp (4) snack machines.	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
92	Plug Load Control	JCI ARRA	St Clair CF	STC 8.2 Common	\$2,987.00	\$2,987.00	\$0.00	\$0.00	\$0.00	\$0.00
267	Plug Load Control	JCI nonARRA	St Clair CF	Delamp snack machines: (1) admin, (1) Bldg U, (6) visitation area, (1) Infirmary, (1) Social services	\$1.68	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00
96	HVAC System Upgrades	JCI ARRA	ACI	ACI 9.1 HVAC Controls Upgrades	\$163,827.75	\$163,827.75	\$0.00	\$0.00	\$0.00	\$0.00
135	HVAC System Upgrades	JCI nonARRA	ACI	Mr. Farquhar's office area is served by an inefficient natural gas/ DX split system that is controlled with a programmable thermostat. The indoor and outdoor units are both very difficult to get to for maintenance and both are at the end of their rated lives. The scope of this ECM is to replace this unit with a new furnace/DX system with minimum outdoor air. The new furnace will be located in the second floor area that is no longer utilized and the condensing unit will be ground mounted. New ductwork will be installed above the offices in the second floor space and will be connected to new supply air diffusers. New piping will be insulated and existing uninsulated piping will be abandoned. Refer to ECM 9.1 for Controls.	\$79,917.26	\$0.00	\$0.00	\$79,917.26	\$0.00	\$0.00
103	HVAC System Upgrades	JCI ARRA	Agency Administration	INS 9.1 Main Building - HVAC Controls Upgrades	\$446.54	\$446.54	\$0.00	\$0.00	\$0.00	\$0.00
206	HVAC System Upgrades	JCI nonARRA	Agency Administration	Warehouse 1 office is heated and cooled by an inefficient thru-the-wall unit. The space is occupied from 0700 until 1600, 5 days per week. The scope of this ECM is to install an efficient mini-split system heat pump to provide both heating and cooling. The integral controls will be programmed for night setback.	\$17,452.59	\$0.00	\$0.00	\$17,452.59	\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
207	HVAC System Upgrades	JCI nonARRA	Agency Administration	The meat processing office area is heated by an inefficient suspended gas unit heater and cooled by an inefficient window unit. Controls are manual. The space is occupied from 0700 until 1600, 5 days per week. The scope of this ECM is to install an efficient mini-split system heat pump to provide both heating and cooling. The integral controls will be programmed to accomplish night setback.	\$17,452.59		\$0.00	\$0.00	\$17,452.59	\$0.00
208	HVAC System Upgrades	JCI nonARRA	Agency Administration	There are 3 small offices located within the refrigerated area. Each office has an electric resistance heater that operates year-round to heat the offices for occupants. The scope of this work is to install hot water coils in each office. Hot water will be provided from heat recovered from the new refrigeration system.	\$26,809.87		\$0.00	\$0.00	\$26,809.87	\$0.00
339	HVAC System Upgrades	NOR ARRA	Alex City CBF	EMS	\$5,673.20		\$0.00	\$5,673.20	\$0.00	\$0.00
97	HVAC System Upgrades	JCI ARRA	Atmore CBF/CWC	ATM 9.1 Chapel T-Stat Rplacement	\$454.28	\$454.28		\$0.00	\$0.00	\$0.00
98	HVAC System Upgrades	JCI ARRA	Atmore CBF/CWC	ATM 9.1 Admin - T-Stat Replacement	\$454.28	\$454.28		\$0.00	\$0.00	\$0.00
121	HVAC System Upgrades	JCI ARRA	Atmore CBF/CWC	ATM 9.5 Health - HVAC System Replace	\$22,371.49	\$22,371.49		\$0.00	\$0.00	\$0.00
345	HVAC System Upgrades	NOR ARRA	Birmingham CBF	EMS	\$3,181.90		\$0.00	\$3,181.90	\$0.00	\$0.00
93	HVAC System Upgrades	JCI ARRA	Bibb County CF	BIB 9.0 HVAC Upgrades	\$792,651.32	\$792,651.32		\$0.00	\$0.00	\$0.00
353	HVAC System Upgrades	NOR ARRA	Bullock CF	EMS	\$306,996.00		\$0.00	\$306,996.00	\$0.00	\$0.00
102	HVAC System Upgrades	JCI ARRA	State Cattle Ranch	FAR 9.1 Main Building - HVAC Controls Upgrades	\$3,654.72	\$3,654.72		\$0.00	\$0.00	\$0.00
123	HVAC System Upgrades	JCI ARRA	State Cattle Ranch	FAR 9.5 Hobby Building - HVAC Unit Replacement	\$33,566.11	\$33,566.11		\$0.00	\$0.00	\$0.00
94	HVAC System Upgrades	JCI ARRA	Childersburg CBF/CWC	CHL 9.0 Dorm D1 & D2	\$93,703.09	\$93,703.09		\$0.00	\$0.00	\$0.00
99	HVAC System Upgrades	JCI ARRA	Childersburg CBF/CWC	CHL 9.1 Chapel	\$4,666.93	\$4,666.93		\$0.00	\$0.00	\$0.00
157	HVAC System Upgrades	JCI nonARRA	Childersburg CBF/CWC	The classroom 2 (Treatment C) is currently served by a wall mounted 3-ton packaged BARD unit with electric heat. The unit is controlled by a non-programmable thermostat located in the office room isolated from the classroom space. The scope of this ECM is to replace existing wall mounted packaged AC unit with a ductless minisplit unit with electric heat. A programmable thermostat will be installed with a remote passive temperature sensor at a proper location in the classroom area.	\$40,871.84		\$0.00	\$0.00	\$40,871.84	\$0.00
158	HVAC System Upgrades	JCI nonARRA	Childersburg CBF/CWC	The classroom 1 (ABE) is served by a 3-ton split system unit with electric heat. This unit is currently controlled by a non-programmable thermostat. The scope of this ECM is to replace existing split AC unit with heat pump unit with aux electric heat. A programmable thermostat will be installed to implement scheduling and night setback.	\$35,656.88		\$0.00	\$0.00	\$35,656.88	\$0.00
159	HVAC System Upgrades	JCI nonARRA	Childersburg CBF/CWC	The admin office area is served by a 4 ton split AC unit. The unit is controlled by a non-programmable thermostat. The scope of this ECM is to replace existing split AC unit serving admin office area with a properly sized heat pump unit with aux electric heat. The scope of this ECM also includes installation of programmable thermostat to implement scheduling and night setback on the unit.	\$42,864.37		\$0.00	\$0.00	\$42,864.37	\$0.00
160	HVAC System Upgrades	JCI nonARRA	Childersburg CBF/CWC	The classroom 3 (Treatment H) is currently served by a wall mounted packaged 3-ton MARAIR unit with electric heat. The unit is controlled by a non-programmable thermostat located in the classroom space. The scope of this ECM is to replace existing wall mounted packaged AC unit with a ductless minisplit unit with electric heat. A programmable thermostat will be installed with a remote passive temperature sensor at a proper location in the classroom area.	\$38,730.05		\$0.00	\$0.00	\$38,730.05	\$0.00
210	HVAC System Upgrades	JCI nonARRA	J.O. DAVIS	Replace existing B Dorm split system with new high efficiency split system with new programmable thermostat.	\$12,145.40		\$0.00	\$0.00	\$12,145.40	\$0.00
362	HVAC System Upgrades	NOR ARRA	Decatur CBF	EMS	\$4,323.40		\$0.00	\$4,323.40	\$0.00	\$0.00
372	HVAC System Upgrades	NOR ARRA	Donaldson CF	EMS	\$118,574.80		\$0.00	\$118,574.80	\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO
95	HVAC System Upgrades	JCI ARRA	Draper CF	DRA 9.0 Controls & HVAC Upgrades	\$762,115.45		\$762,115.45	\$0.00	\$0.00
166	HVAC System Upgrades	JCI nonARRA	Draper CF	The multipurpose building has (4) open-flame, gas-fired unit heaters the provide heating for the ceramics, carpentry, library and leather working areas of the building. All unit heaters are manually controlled for space heating. The scope of work is to replace these (4) units with high-efficiency, condensing ducted furnaces with minimum outdoor air. The new furnaces will be connected to the new control system for temperature optimization and night setback. Refer to ECM 9.1 for controls.	\$106,640.75		\$0.00	\$0.00	\$106,640.75
167	HVAC System Upgrades	JCI nonARRA	Draper CF	The chapel is heated and cooled by (1) heating-only gas-fired rooftop unit and (3) window units. The scope of work is to remove existing window units and to replace the heating-only rooftop unit with an efficient packaged DX unit. This unit will be connected to the new Metasys control system for temperature optimization and night setback; the thermostat location for both heating and cooling control will be at the existing heating thermostat location.	\$60,721.57		\$0.00	\$0.00	\$60,721.57
168	HVAC System Upgrades	JCI nonARRA	Draper CF	The back gate has a window unit used for cooling and an inefficient natural gas unit heater used for heating. Controls are manual. The scope of work will be to install an efficient mini-split heat pump to provide both heating and cooling. Stand-alone controller will be programmed to set temperatures back during unoccupied hours. Replace the unit heater in the shakedown room with an efficient condensing furnace and install a stand-alone programmable thermostat.	\$55,157.43		\$0.00	\$0.00	\$55,157.43
169	HVAC System Upgrades	JCI nonARRA	Draper CF	The Lee Taylor building is served by (1) split-system heat pumps for both heating and cooling. Existing controls are manual. The space is typically occupied by 80 to 100 inmates; according to personnel, temperatures get very warm in the summer. Based on the high heat load in the space, it is recommended that the system be replaced with a properly-sized, energy efficient packaged unit which has economizing capability. Economizing allows the unit to cool the space with outdoor air whenever cooling is required below 55F. The scope of work will also include Metasys controls and set temperatures back during unoccupied hours.	\$46,857.89		\$0.00	\$0.00	\$46,857.89
170	HVAC System Upgrades	JCI nonARRA	Draper CF	The maintenance office is heated and cooled with an electric resistance heater and window air-conditioner. Controls are manual. The scope of work will be to install an efficient mini-split heat pump to provide both heating and cooling. Stand-alone controller will be programmed to set temperatures back during unoccupied hours.	\$26,689.08		\$0.00	\$0.00	\$26,689.08
171	HVAC System Upgrades	JCI nonARRA	Draper CF	The administrative office is heated and cooled with a gas-fired heater and (3) window air-conditioners. Controls are manual. The scope of work will be to install an efficient multi-zone mini-split heat pump to provide both heating and cooling. Network thermostats will be programmed to set temperatures back during unoccupied hours.	\$61,823.97		\$0.00	\$0.00	\$61,823.97
172	HVAC System Upgrades	JCI nonARRA	Draper CF	The maintenance shop is heated with (2) inefficient gas-fired unit heaters. Controls are manual. The scope of work will be to replace the unit heaters with efficient condensing unit heaters. Install stand-alone programmable thermostats to set temperatures back at night.	\$74,729.42		\$0.00	\$0.00	\$74,729.42
122	HVAC System Upgrades	JCI ARRA	Elba CBF	ELB 9.5.3 HVAC Equipment Replacement	\$17,007.15	\$17,007.15	\$0.00	\$0.00	\$0.00
176	HVAC System Upgrades	JCI nonARRA	Elba CBF	Currently, the Dorm shower occupants turn on multiple shower head in order to warm up the area during shower times. ECM is to install new ~80 MBH gas fired heating unit, locate in DHW Heater mechanical room and duct to Shower area.	\$14,353.65		\$0.00	\$0.00	\$14,353.65

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
177	HVAC System Upgrades	JCI nonARRA	Elba CBF	Replace existing 5 ton Heat Pump unit with wood return plenum with new more efficient heat pump system including new refrigerant lines and new return plenum. Includes new programmable thermostat.	\$16,341.08		\$0.00	\$0.00	\$16,341.08	\$0.00
178	HVAC System Upgrades	JCI nonARRA	Elba CBF	Replace existing 1.5 ton condensing unit in dorm with 2 ton condensing unit, and install louver in furnace closet door. Includes new programmable thermostat.	\$8,848.48		\$0.00	\$0.00	\$8,848.48	\$0.00
179	HVAC System Upgrades	JCI nonARRA	Elba CBF	Replace exiting 2.5 ton split AC unit in dining area with same and replace gas furnace. Includes new programmable thermostat.	\$12,035.00		\$0.00	\$0.00	\$12,035.00	\$0.00
387	HVAC System Upgrades	NOR ARRA	Elmore CF	EMS	\$19,998.90		\$0.00	\$19,998.90	\$0.00	\$0.00
380	HVAC System Upgrades	NOR ARRA	Easterling CF	EMS	\$18,324.60		\$0.00	\$18,324.60	\$0.00	\$0.00
100	HVAC System Upgrades	JCI ARRA	East Thomas Residential Annex	EAT 9.1.1 Controls	\$162.00		\$162.00	\$0.00	\$0.00	\$0.00
101	HVAC System Upgrades	JCI ARRA	East Thomas Residential Annex	EAT 9.11 Recommissioning	\$921.78		\$921.78	\$0.00	\$0.00	\$0.00
124	HVAC System Upgrades	JCI ARRA	Frank Lee WR	FLW 9.5 Dorm Athru D - HVAC Upgrades	\$135,901.41	\$135,901.41	\$0.00	\$0.00	\$0.00	\$0.00
190	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The administrative area is served by a split system. Heating is provided by a 125,000 Btuh natural gas furnace and cooling is provided by a 5 ton high-efficiency condensing unit. Controls are Manual thermostats. The office area is occupied from 0800 until 1700. The scope of this ECM is to install programmable network thermostats to implement night setback. The classification area is served by a split system. Heating is provided by a natural gas furnace and cooling is provided by a condensing units; nameplates were inaccessible. Controls are Manual thermostats. The classification area is occupied from 0800 until 1700. The scope of this ECM is to install programmable network thermostats to implement night setback. A roof ventilation fan is used to help cool the dining area during summer months; the exterior door remains open during the summer to allow outdoor air to flow through the space. The fan is manually controlled. The scope of this ECM is to interlock the fan with a thermostat to allow the fan to operate only when temperatures rise above 55 F Outside. The ICS office is heated and cooled by a Nordyne packaged natu	\$63,897.68		\$0.00	\$0.00	\$63,897.68	\$0.00
191	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	Replace Dorm D Toilet Exhaust Fan	\$4,448.18		\$0.00	\$0.00	\$4,448.18	\$0.00
192	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The administrative area is served by a split system. Heating is provided by a 125,000 Btuh natural gas furnace and cooling is provided by a 5 ton high-efficiency condensing unit. The furnace is in need of replacement and according to personnel, the condensing unit trips out often due to the location and condition. The scope of this ECM is to replace the furnace and condensing unit with efficient equipment. The condensing unit will be re-located from the roof to the ground.	\$39,894.21		\$0.00	\$0.00	\$39,894.21	\$0.00
193	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The conference room is heated by a suspended natural gas unit heater and cooled by an inefficient window unit. The room is typically used throughout the day from 0800 until 1700. The scope of this ECM is to replace both units with a Hi eff gas unit split. The option of installing a high efficiency split system using a condensing natural gas furnace will be evaluated. The scope also includes installation of a programmable network thermostats to implement night setback.	\$97,859.96		\$0.00	\$0.00	\$97,859.96	\$0.00
194	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The Captains office is heated by a natural gas IR heater and cooled by an inefficient window unit. The office is occupied from 0800 until 1700 and the units are manually shut off at night. The scope of this ECM is to replace both units with a high-efficiency mini-split heat pump. The heat pump stand-alone controller will be scheduled to implement night setback.	\$43,124.05		\$0.00	\$0.00	\$43,124.05	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
195	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	Dorms B and C dayroom is heated by a suspended unit heaters. One (1) roof exhaust fan that is equipped with gravity dampers operate during the summer to assist in cooling. During the survey, it was noted that unit heaters were energized while roof exhaust fans were running. All controls are manual. The scope of this ECM is to replace the suspended unit heater with a single efficient ducted condensing furnace. Network thermostats will be located in the return air duct.	\$44,481.80		\$0.00	\$0.00	\$44,481.80	\$0.00
196	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The classification area is served by a split system. Heating is provided by a natural gas furnace and cooling is provided by a condensing units; nameplates were inaccessible. Controls are Manual thermostats. The classification area is occupied from 0800 until 1700. The scope of this ECM is to replace the existing system with an efficient system and to increase the return air size.	\$44,481.80		\$0.00	\$0.00	\$44,481.80	\$0.00
197	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The canteen corridor is heated only an inefficient suspended natural gas unit heater that is rated for 40,000 Btuh. The scope of this ECM is to replace the inefficient unit with a high-efficiency ducted condensing furnace. The scope also includes installation of a programmable thermostat to implement night setback.	\$35,585.44		\$0.00	\$0.00	\$35,585.44	\$0.00
198	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	The canteen is heated and cooled by an inefficient window unit. The canteen is occupied from 0800 until 1700. The scope of this ECM is to replace the window unit with a high-efficiency mini-split heat pump. The heat pump stand-alone controller will be scheduled to implement night setback.	\$35,585.44		\$0.00	\$0.00	\$35,585.44	\$0.00
199	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	An 80,000 Btuh suspended natural gas unit heater provides heat for the dining area. During the survey it was noted that the flue is partially disconnected in the space and in need of repair. The unit heater is manually controlled and the room is typically occupied from 0300 until 1900. The scope of this ECM is to replace the inefficient unit with a high-efficiency ducted condensing furnace. The scope also includes installation of a network programmable thermostat to implement night setback.	\$62,274.52		\$0.00	\$0.00	\$62,274.52	\$0.00
200	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	Dorm D is heated by (3) suspended unit heaters. Two (2) roof exhaust fans that are equipped with gravity dampers operate during the summer to assist in cooling. A total of (2) circulation fans operate to distribute air throughout the dorms. During the survey, it was noted that unit heaters were energized while roof exhaust fans were running. All controls are manual. The scope of this ECM is to replace the suspended unit heaters with a single efficient ducted condensing furnace. Network thermostats will be located in the return air duct.	\$74,729.42		\$0.00	\$0.00	\$74,729.42	\$0.00
201	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	Dorm A is heated by (2) suspended unit heaters. Two (2) roof exhaust fans that are equipped with gravity dampers operate during the summer to assist in cooling. A total of (2) circulation fans operate to distribute air throughout the dorms. During the survey, it was noted that unit heaters were energized while roof exhaust fans were running. All controls are manual. The scope of this ECM is to replace the suspended unit heaters with a single efficient ducted condensing furnace. Network thermostats will be located in the return air duct.	\$74,729.42		\$0.00	\$0.00	\$74,729.42	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
202	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	Dorm B is heated by (2) suspended unit heaters. Two (2) roof exhaust fans that are equipped with gravity dampers operate during the summer to assist in cooling. A total of (2) circulation fans operate to distribute air throughout the dorms. During the survey, it was noted that unit heaters were energized while roof exhaust fans were running. All controls are manual. The scope of this ECM is to replace the suspended unit heaters with a single efficient ducted condensing furnace. Network thermostats will be located in the return air duct.	\$74,729.42		\$0.00	\$0.00	\$74,729.42	\$0.00
203	HVAC System Upgrades	JCI nonARRA	Frank Lee WR	Dorm C is heated by (2) suspended unit heaters. Two (2) roof exhaust fans that are equipped with gravity dampers operate during the summer to assist in cooling. A total of (2) circulation fans operate to distribute air throughout the dorms. During the survey, it was noted that unit heaters were energized while roof exhaust fans were running. All controls are manual. The scope of this ECM is to replace the suspended unit heaters with a single efficient ducted condensing furnace. Network thermostats will be located in the return air duct.	\$74,729.42		\$0.00	\$0.00	\$74,729.42	\$0.00
185	HVAC System Upgrades	JCI nonARRA	Fountain CF	Replace existing 3 ton split unit (gas heat) with new 3 ton split system Heat Pump. Move existing cooler compressor skids to roof of snack area to eliminate heat from Snack Room. Rework wood return plenums. Install new programmable thermostat.	\$35,848.77		\$0.00	\$0.00	\$35,848.77	\$0.00
186	HVAC System Upgrades	JCI nonARRA	Fountain CF	Replace two (2) 10 ton packaged RTUs with new 10 ton split systems, with gas heating. Existing package units are exhausting in attic.	\$84,416.69		\$0.00	\$0.00	\$84,416.69	\$0.00
394	HVAC System Upgrades	NOR ARRA	Hamilton CBF	EMS	\$4,250.40		\$0.00	\$4,250.40	\$0.00	\$0.00
402	HVAC System Upgrades	NOR ARRA	Hamilton CBF	EMS	\$3,043.30		\$0.00	\$3,043.30	\$0.00	\$0.00
406	HVAC System Upgrades	NOR ARRA	Holman CF	EMS	\$10,124.90		\$0.00	\$10,124.90	\$0.00	\$0.00
415	HVAC System Upgrades	NOR ARRA	Kilby CF	EMS	\$22,509.40		\$0.00	\$22,509.40	\$0.00	\$0.00
104	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1 Calhoun Trd Sch Autobody & Welding DDC Controls	\$1,458.00	\$1,458.00	\$0.00	\$0.00	\$0.00	\$0.00
105	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1.1 Maint Shop DDC Controls	\$515.16	\$515.16	\$0.00	\$0.00	\$0.00	\$0.00
106	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1.1 Calhoun Training Cntr - Hotri DDC Controls	\$1,458.00	\$1,458.00	\$0.00	\$0.00	\$0.00	\$0.00
107	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1 Capt Off DDC Controls	\$1,856.52	\$1,856.52	\$0.00	\$0.00	\$0.00	\$0.00
108	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1 Canteen DDC Controls	\$972.00	\$972.00	\$0.00	\$0.00	\$0.00	\$0.00
109	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1.1 Veh Maint DDC Controls	\$2,575.80	\$2,575.80	\$0.00	\$0.00	\$0.00	\$0.00
110	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1 Aux Chapel Split System Controls	\$1,542.24	\$1,542.24	\$0.00	\$0.00	\$0.00	\$0.00
111	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1 Dorm B,C,D,E,I,J,K,L DDC Controls	\$162,856.98	\$162,856.98	\$0.00	\$0.00	\$0.00	\$0.00
125	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.1 Laundry Gas Unit Heater Programmable Themostat	\$1,030.32	\$1,030.32	\$0.00	\$0.00	\$0.00	\$0.00
126	HVAC System Upgrades	JCI ARRA	Limestone CF	LIM 9.5.3 Kitch Eliminate Steam Boiler	\$80,256.89	\$80,256.89	\$0.00	\$0.00	\$0.00	\$0.00
219	HVAC System Upgrades	JCI nonARRA	Limestone CF	At present, supply and return for the RTU is together and at the ceiling level and short circuiting. Rework supply and return ductwork to extend return to sidewall of dorm. Extend supply ductwork with new four way diffusers for each of eight rooftop units. Implement DDC controls for ventilation fans, RTUs and wall mount heat pump units serving the Dorm F	\$198,090.47		\$0.00	\$0.00	\$198,090.47	\$0.00
220	HVAC System Upgrades	JCI nonARRA	Limestone CF	Install DDC for the AHU serving the shift office space	\$22,424.16		\$0.00	\$0.00	\$22,424.16	\$0.00

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221	HVAC System Upgrades	JCI nonARRA	Limestone CF	Existing pneumatically controlled air handlers serving this area were designed as constant volume with variable volume terminal units without reheat. The ahu's are in need of replacement. The existing pneumatic system is non-functional. Scope includes replacing (5) existing AHUs in east and west mech room in admin bldg. The new units shall be equipped with packaged controls including economizer control. The existing VAV boxes with be retrofitted with new controllers and perimeter heating will be added. Replace existing pneumatic controls with DDC for (3) AHUs in east wing and (2) west wing mechanical rooms. Existing old 3-way HW pneumatic control valves will be replaced with electric 3-way control valve as part of entire building control system upgrade to electric DDC system. Existing natural gas fired wall mounted gas heaters will be removed.	\$1,583,193.96		\$0.00	\$0.00	\$1,583,193.96	\$0.00
223	HVAC System Upgrades	JCI nonARRA	Limestone CF	Upgrade all hydronic heating pipe fittings and insulation. Includes replacement of 180' of pipe and fittings.	\$28,053.16		\$0.00	\$0.00	\$28,053.16	\$0.00
225	HVAC System Upgrades	JCI nonARRA	Limestone CF	Approximately 100 feet of existing ductwork serving the medical unit is partially collapsed and broken and will be replaced to minimize leakage losses and improve space temperature control.	\$41,660.26		\$0.00	\$0.00	\$41,660.26	\$0.00
226	HVAC System Upgrades	JCI nonARRA	Limestone CF	Room #4 & 7 in the infirmary are served by old inefficient split system units with electric heat. The scope of this ECM is to replace existing units with (2) new heat pump units with gas backup. Install programmable thermostat to for temperature control.	\$53,289.19		\$0.00	\$0.00	\$53,289.19	\$0.00
228	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing (1) split system unit serving office area in the construction trade shop with new heat pump unit. Install programmable thermostat for the new heat pump system unit to implement scheduling and night setback. Install programmable thermostat for the existing (1) gas unit heater to implement scheduling and night setback	\$31,208.43		\$0.00	\$0.00	\$31,208.43	\$0.00
229	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing (1) split system unit serving office area in the auto mechanic trade shop. Install programmable thermostat for the new split system unit to implement scheduling and night setback. Install programmable thermostats for the existing (3) gas radiant unit heaters to implement scheduling and night setback	\$21,618.15		\$0.00	\$0.00	\$21,618.15	\$0.00
231	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing old 85-ton R-22 air cooled chiller at east wing mechanical room with a new high efficiency R-134A air-cooled chiller.	\$319,913.10		\$0.00	\$0.00	\$319,913.10	\$0.00
232	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing 3-ton packaged unit serving Law Library with a high efficiency packaged heat pump unit. Install network programmable thermostat to implement scheduling and night setback.	\$43,887.59		\$0.00	\$0.00	\$43,887.59	\$0.00
233	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing (1) gas furnace serving office and store area in the upholstery shop and install programmable thermostat.	\$20,057.73		\$0.00	\$0.00	\$20,057.73	\$0.00
234	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing AHU and outdoor condensing unit with properly sized energy efficient AHU and condensing unit.	\$57,943.84		\$0.00	\$0.00	\$57,943.84	\$0.00
235	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing (1) split system unit serving guard cube with properly sized energy efficient split system unit with manual thermostat.	\$199,278.46		\$0.00	\$0.00	\$199,278.46	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
236	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing (1) split system unit serving admin office space with properly sized energy efficient split system unit. Install programmable thermostat for the proposed ductless split AC unit serving the admin office area. Replace existing (1) through the wall packaged AC unit serving guard office next to admin area with a properly sized. Install programmable thermostat for the new unit serving the guard office next to admin area. Replace existing (1) packaged all electric AC unit serving the chapel with a properly sized packaged unit with gas heat. ductless split AC unit. Install programmable thermostat for the new ductless split AC unit serving the chapel.	\$105,525.92		\$0.00	\$0.00	\$105,525.92	\$0.00
237	HVAC System Upgrades	JCI nonARRA	Limestone CF	The two (2) existing AHUs serving Infirmary are old and inefficient. The scope of this ECM is to replace two (2) existing units with new two (2) high efficiency AHUs with DX cooling and economizer control. The condensing units will also be replaced with properly sized condensing units matching the new DX coils. Install DDC to implement scheduling and night setback where applicable.	\$165,036.37		\$0.00	\$0.00	\$165,036.37	\$0.00
238	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing 7.5-ton split system unit serving gym chapel area with a high efficiency heat pump unit with aux heat. Install network programmable thermostat to implement scheduling and night setback.	\$32,473.39		\$0.00	\$0.00	\$32,473.39	\$0.00
239	HVAC System Upgrades	JCI nonARRA	Limestone CF	Eliminate (2) split system units with electric heat serving the Calhoun Drafting Area. (these units are top discharge and do not have associated ductwork.) Install properly sized packaged heat pump unit with auxiliary gas heat to serve the entire Calhoun Drafting area. Install DDC system to implement scheduling and night setback.	\$28,326.01		\$0.00	\$0.00	\$28,326.01	\$0.00
240	HVAC System Upgrades	JCI nonARRA	Limestone CF	Command center is currently served by old inefficient split system unit. The scope of this ECM is to replace existing split system unit with a new high efficiency split system unit to serve command center. Install programmable thermostat for temperature control.	\$23,548.66		\$0.00	\$0.00	\$23,548.66	\$0.00
242	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing (8) natural gas fired unit heaters with properly sized two (2) indoor separated combustion ducted gas furnace/s. Utilize heating and recirculating with minimum outside air. Install DDC controls on proposed indoor separated combustion duct furnace/s for improved temperature control.	\$103,856.18		\$0.00	\$0.00	\$103,856.18	\$0.00
243	HVAC System Upgrades	JCI nonARRA	Limestone CF	Retrofit existing H&V unit with new two-speed motor; new motor controller and new breaker at panel. Unit will be serving Chapel, Law Library, Hobby and Craft and Sports Director office	\$65,359.61		\$0.00	\$0.00	\$65,359.61	\$0.00
244	HVAC System Upgrades	JCI nonARRA	Limestone CF	There are two a/c systems serving the Calhoun area. The GED side has an old split system in poor condition. The other is a new packaged system serving the ABE side and is in good condition. Replace existing (1) split system unit serving GED side of the building space with properly sized energy efficient heat pump split system unit. Install programmable for the new split system heat pump unit to implement scheduling and night setback. Install programmable for existing packaged system unit serving ABE side to implement scheduling and night setback.	\$19,543.52		\$0.00	\$0.00	\$19,543.52	\$0.00
245	HVAC System Upgrades	JCI nonARRA	Limestone CF	Replace existing split system unit with properly sized unit. Install programmable thermostat system on new split a/c system to implement scheduling and night setback	\$26,644.60		\$0.00	\$0.00	\$26,644.60	\$0.00

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247	HVAC System Upgrades	JCI nonARRA	Limestone CF	Decommission existing pneumatic control air compressor in west wing mechanical room as this unit will no longer be required with the new DDC system.	\$9,392.58		\$0.00	\$0.00	\$9,392.58	\$0.00
248	HVAC System Upgrades	JCI nonARRA	Limestone CF	Decommission existing (2) old walk-in freezers in the hobby craft area in Dorm H. One of the freezers is currently used by Canteen for storage. The other walk-in freezer is mostly empty. Install (1) 65-75 cu.ft. reach-in freezer (True T-72 or equivalent) in Canteen as a replacement.	\$12,386.99		\$0.00	\$0.00	\$12,386.99	\$0.00
425	HVAC System Upgrades	NOR ARRA	Loxley CBF/CWC	EMS	\$10,124.90		\$0.00	\$10,124.90	\$0.00	\$0.00
131	HVAC System Upgrades	JCI ARRA	Mobile CBF	MOB 10.1 Mech Rm Rebuild	\$67,771.50	\$67,771.50		\$0.00	\$0.00	\$0.00
257	HVAC System Upgrades	JCI nonARRA	Mobile CBF	Replace existing 350 MBH Resnor duct heater with new packaged gas fired heating unit, and locate outside of Dorm building. The new unit will provide 100% of the heating requirement in the winter, and the system airside controls will be reversed during the summer months, in order to provide 100% of the ventilation requirements.	\$28,155.25		\$0.00	\$0.00	\$28,155.25	\$0.00
258	HVAC System Upgrades	JCI nonARRA	Mobile CBF	Replace 3.5 split system heat pump with new 3.5 ton natural gas packaged unit.	\$21,706.73		\$0.00	\$0.00	\$21,706.73	\$0.00
259	HVAC System Upgrades	JCI nonARRA	Mobile CBF	Replace two (2) existing window AC units and existing under floor heating units, with two (2) new "Bard" through the wall heating and cooling units.	\$19,772.71		\$0.00	\$0.00	\$19,772.71	\$0.00
119	HVAC System Upgrades	JCI ARRA	Montgomery Womens Facility	MNT 9.3.1 Main Building - HVAC Unit Replacement	\$60,102.00	\$60,102.00		\$0.00	\$0.00	\$0.00
120	HVAC System Upgrades	JCI ARRA	Montgomery Womens Facility	MNT 9.3.0 Dorm A - HVAC Unit Replacement	\$158,134.00	\$158,134.00		\$0.00	\$0.00	\$0.00
263	HVAC System Upgrades	JCI nonARRA	Montgomery Womens Facility	The administrative area is served by a split system and is occupied from 0800 until 1700, Monday thru Friday. Heating is provided by a natural gas furnace located in the attic and cooling is provided by a RUUD condensing unit. Controls are Manual thermostats. The scope of this ECM is to replace the existing system with a high efficiency condensing furnace/DX system, Install programmable stand-alone thermostats to implement night setback.	\$44,481.80		\$0.00	\$0.00	\$44,481.80	\$0.00
264	HVAC System Upgrades	JCI nonARRA	Montgomery Womens Facility	The healthcare area is heated and cooled by (3) inefficient window units. The scope of this ECM is to replace the (3) units with a single multi-zone high-efficiency mini-split heat pump system. The stand-alone heat pump controls will be scheduled to implement night setback.	\$44,481.80		\$0.00	\$0.00	\$44,481.80	\$0.00
265	HVAC System Upgrades	JCI nonARRA	Montgomery Womens Facility	The dining room and the kitchen are heated by (2) inefficient suspended natural gas unit heaters and are occupied from 0300 until 1800, 7 days per week. The dining room and the kitchen have (2) wall exhaust fans, (1) per area, which are utilized to help cool the spaces in summer. Each has a make-up air damper on the opposing wall which is supposed to open whenever the fans operate. The dampers do not appear to seal well when closed. The scope of this ECM is to replace the inefficient units with high-efficiency ducted condensing furnaces with minimum outdoor air, install motorized dampers for makeup air (keep existing louver) and install a programmable stand alone thermostat to monitor temperatures and implement night setback. The interlock the wall exhaust fans with the furnaces to disable the furnaces whenever exhaust fans are energized. Exhaust fans will be locked out when temperatures are below 55 F Outside.	\$62,274.52		\$0.00	\$0.00	\$62,274.52	\$0.00
431	HVAC System Upgrades	NOR ARRA	Red Eagle Honor Farm	EMS	\$12,469.60		\$0.00	\$12,469.60	\$0.00	\$0.00
113	HVAC System Upgrades	JCI ARRA	Staton CF	STA 9.1.2 Dorm B - HVAC Controls Upgrade	\$13,483.45	\$13,483.45		\$0.00	\$0.00	\$0.00
114	HVAC System Upgrades	JCI ARRA	Staton CF	STA 9.1 Dorm A - HVAC Controls Upgrade	\$17,565.24	\$17,565.24		\$0.00	\$0.00	\$0.00
115	HVAC System Upgrades	JCI ARRA	Staton CF	STA 9.1.1 Dorm B - HVAC Controls Upgrade	\$43,822.94	\$43,822.94		\$0.00	\$0.00	\$0.00

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116	HVAC System Upgrades	JCI ARRA	Staton CF	STA 9.1 Dorm E-F - HVAC Controls Upgrade	\$29,798.57	\$29,798.57	\$0.00	\$0.00	\$0.00
117	HVAC System Upgrades	JCI ARRA	Staton CF	STA 9.1 Main Building - HVAC Controls Upgrade	\$8,495.28	\$8,495.28	\$0.00	\$0.00	\$0.00
118	HVAC System Upgrades	JCI ARRA	Staton CF	STA 9.1 Dorm C-D - HVAC Controls Upgrade	\$29,800.29	\$29,800.29	\$0.00	\$0.00	\$0.00
298	HVAC System Upgrades	JCI nonARRA	Staton CF	Sixteen (16) wall exhaust fans are located in the dorm which are utilized to help cool the spaces in summer. The scope of this ECM is to replace existing exhaust dampers with motorized dampers that are well sealed.	\$169,942.23	\$0.00	\$0.00	\$169,942.23	\$0.00
299	HVAC System Upgrades	JCI nonARRA	Staton CF	Sixteen (16) wall exhaust fans are located in the dorm which are utilized to help cool the spaces in summer. The scope of this ECM is to replace existing exhaust dampers with motorized dampers that are well sealed.	\$169,942.23	\$0.00	\$0.00	\$169,942.23	\$0.00
300	HVAC System Upgrades	JCI nonARRA	Staton CF	The officer cube area is served by a n inefficient split-system. Heating is provided by electric resistance heaters and cooling is provided by an air-cooled condensing unit. The unit is controlled by a manual thermostat. The scope of this ECM is to install a programmable network thermostat to monitor and ensure temperatures are optimized.	\$5,239.96	\$0.00	\$0.00	\$5,239.96	\$0.00
301	HVAC System Upgrades	JCI nonARRA	Staton CF	The administrative section of the chapel is heated and cooled by a natural gas/DX split system. Controls are manual and the space is occupied from 0800 until 2000, 7 days per week. The scope of this ECM is to install programmable network thermostats and set back at night.	\$15,404.13	\$0.00	\$0.00	\$15,404.13	\$0.00
302	HVAC System Upgrades	JCI nonARRA	Staton CF	The classroom and nurse station area are both served by an inefficient split-system. Heating is provided by electric resistance heat and cooling is provided by a 4 ton air-cooled condensing unit (Inter-cycle CA5548VKD1). The unit is controlled by a manual thermostat. The space is typically occupied from 0700 until 1400, 5 days per week. The scope of this ECM is to install a programmable network thermostat to monitor and schedule temperatures for unoccupied hours.	\$5,238.18	\$0.00	\$0.00	\$5,238.18	\$0.00
303	HVAC System Upgrades	JCI nonARRA	Staton CF	RTU 8 serves the holding area, dentist and emergency room. The ER is occupied 24 hours per day, 7 days per week, the other areas are occupied from 0800 until 1700, 5 days per week. Controls are manual. A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at the rooftop unit; the outdoor air intake is manually shut, but some air can still enter through cracks. The scope of this work is to replace the rooftop unit with (2) efficient units (1 for ER and 1 for other zones) equipped with a condensing furnace; outdoor air will be ducted to a place beyond the canopy. Install Metasys controls to optimize temperatures and set the dental and holding area temperatures back at night.	\$126,769.57	\$0.00	\$0.00	\$126,769.57	\$0.00
304	HVAC System Upgrades	JCI nonARRA	Staton CF	A furnace supplies heated air for 3 holding cells. The furnace is a standard efficiency unit and is manually controlled by a thermostat located in the guard cube. The holding cells house mentally unstable inmates and no cooling is presently provided. NOTE: These cells are used to hold mentally ill patients; as a result, the spaces should be air-conditioned to maintain a temperature threshold. The scope of this work is to replace the furnace with a high efficiency unit condensing furnace. An additional scope of installing an efficient DX split system to provide cooling for this area will be evaluated.	\$75,088.83	\$0.00	\$0.00	\$75,088.83	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
305	HVAC System Upgrades	JCI nonARRA	Staton CF	The officer lounge section is heated and cooled by a packaged natural gas/DX rooftop unit (RTU2). A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at rooftop units; there is no outdoor air intake, but some air can still enter through cracks. The scope of this work is to replace the existing rooftop unit with a high efficiency unit; outdoor air will be ducted to a place beyond the canopy. Install network control thermostat and connect to Metasys controls to optimize temperatures and set temperatures back at night.	\$61,459.61		\$0.00	\$0.00	\$61,459.61	\$0.00
306	HVAC System Upgrades	JCI nonARRA	Staton CF	The law library shift command offices and holding cell are heated and cooled by a packaged natural gas/ 3-ton DX rooftop unit (RTU5). A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at each rooftop unit; the outdoor air intakes are all manually shut, but some air can still enter through cracks. The scope of this work is to replace the existing rooftop unit with a high efficiency unit; outdoor air will be ducted to a place beyond the canopy. Install network control thermostat and connect to Metasys controls to optimize temperatures and set temperatures back at night.	\$54,342.52		\$0.00	\$0.00	\$54,342.52	\$0.00
307	HVAC System Upgrades	JCI nonARRA	Staton CF	The law library is heated and cooled by a packaged natural gas/DX rooftop unit (RTU4). A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at each rooftop unit; the outdoor air intakes are all manually shut, but some air can still enter through cracks. The scope of this work is to replace the existing rooftop unit with a high efficiency unit; outdoor air will be ducted to a place beyond the canopy. Install network control thermostat and connect to Metasys controls to optimize temperatures and set temperatures back at night.	\$52,492.08		\$0.00	\$0.00	\$52,492.08	\$0.00
308	HVAC System Upgrades	JCI nonARRA	Staton CF	The classroom and nurse station area are both served by an inefficient split-system. Heating is provided by electric resistance heat and cooling is provided by a 4 ton air-cooled condensing unit (Inter-cycle CA5548VKD1). The unit is controlled by a manual thermostat. The space is typically occupied from 0700 until 1400, 5 days per week. The scope of this ECM is to replace the split system with a high efficiency Nat Gas/DX split system.	\$35,051.66		\$0.00	\$0.00	\$35,051.66	\$0.00
309	HVAC System Upgrades	JCI nonARRA	Staton CF	The Warden's office, front admin offices are heated and cooled by a packaged natural gas/DX rooftop unit (RTU1). A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at rooftop units; There is no outdoor air, but some air can still enter through cracks. The scope of this work is to replace the existing rooftop unit with a high efficiency unit; outdoor air will be ducted to a place beyond the canopy. Install network control thermostat and connect to Metasys controls to optimize temperatures and set temperatures back at night.	\$69,238.59		\$0.00	\$0.00	\$69,238.59	\$0.00

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310	HVAC System Upgrades	JCI nonARRA	Staton CF	HV2 is a natural gas heating-only rooftop unit that serves the dining room (to be relocated) , the common area, a kitchen storage room (to be relocated) and the kitchen office. Controls area manual. The scope of this ECM is to replace HV2 with a new condensing furnace to serve the common area only. Install an efficient mini-split heat pump to serve the kitchen admin area.	\$123,858.68		\$0.00	\$0.00	\$123,858.68	\$0.00
311	HVAC System Upgrades	JCI nonARRA	Staton CF	The ICS room was originally served by RTU5; however, the ductwork has been disconnected and capped and a dedicated window unit provides cooling for this room. The scope of this ECM is to install an efficient mini-split heat pump to serve this area.	\$37,624.48		\$0.00	\$0.00	\$37,624.48	\$0.00
312	HVAC System Upgrades	JCI nonARRA	Staton CF	The snack line room is heated by an electric resistance furnace and cooled by an inefficient 1.5 ton DX condensing unit (Nordyne FT3BA-018KA). The scope of this ECM is to install an efficient mini-split heat pump to serve this area. Controls will be programmed to set temperatures back at night.	\$37,624.48		\$0.00	\$0.00	\$37,624.48	\$0.00
313	HVAC System Upgrades	JCI nonARRA	Staton CF	The drug lab is served by RTU3, however, it's load varies significantly from other areas served by RTU3. As a result, officers have tried to close RTU3 supply air diffusers in the room and have installed a window unit. According to personnel, the window unit runs 24 hours per day, 365 days per year in an effort to keep the room comfortable; cooling and heating often operate simultaneously. The scope of the ECM is to remove the lab from RTU3 and install a dedicated energy efficient rooftop unit to serve this area.	\$67,687.06		\$0.00	\$0.00	\$67,687.06	\$0.00
314	HVAC System Upgrades	JCI nonARRA	Staton CF	RTU 7 serves the front administrative areas The administrative areas are occupied from 0800 until 1700, 5 days per week. Controls are manual. A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at the rooftop unit; the outdoor air intake is manually shut, but some air can still enter through cracks. The scope of this work is to replace the rooftop unit with an efficient unit equipped with a condensing furnace; outdoor air will be ducted to a place beyond the canopy. Install Metasys controls to optimize temperatures and set the two front admin areas back at night.	\$130,801.40		\$0.00	\$0.00	\$130,801.40	\$0.00
315	HVAC System Upgrades	JCI nonARRA	Staton CF	The officer cube area is served by a n inefficient split-system. Heating is provided by electric resistance heaters and cooling is provided by an air-cooled condensing unit. The unit is controlled by a manual thermostat. The scope of this ECM is to replace the split system with a high efficiency Nat Gas/DX split system.	\$26,689.08		\$0.00	\$0.00	\$26,689.08	\$0.00
316	HVAC System Upgrades	JCI nonARRA	Staton CF	RTU 10 and RTU 11 serve the rear areas of the building which is occupied 24 hours per day, 7 days per week. Controls are manual. A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at the rooftop unit; the outdoor air intake is manually shut, but some air can still enter through cracks. The scope of this work is to replace the rooftop units with efficient units equipped with a condensing furnace; outdoor air will be ducted to a place beyond the canopy. Install Metasys controls to optimize temperatures	\$108,976.85		\$0.00	\$0.00	\$108,976.85	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
317	HVAC System Upgrades	JCI nonARRA	Staton CF	The sanctuary is heated and cooled by (2) natural gas/ DX split systems. Heating is provided by old and inefficient furnaces located in closets behind the pulpit area. Controls area manual. The space is typically utilized between 0800 and 2000, 7 days per week. The scope of this ECM is to replace the existing system with high efficiency condensing furnaces and high efficiency condensing units. Install programmable network thermostats to optimize temperatures and allow night setback.	\$88,860.40		\$0.00	\$0.00	\$88,860.40	\$0.00
318	HVAC System Upgrades	JCI nonARRA	Staton CF	RTU 9 serves the central administrative area and the guard cube; it is the only rooftop unit equipped with electric resistance heat. The cube is occupied 24 hours per day, 7 days per week, the other areas are occupied from 0800 until 1700, 5 days per week. Controls are manual. A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at the rooftop unit; the outdoor air intake is manually shut, but some air can still enter through cracks. The scope of this work is to replace the rooftop unit with an efficient units equipped with a condensing furnace; outdoor air will be ducted to a place beyond the canopy. The guard cube will be disconnected from the unit. Install Metasys controls to optimize temperatures and set the dental and holding area temperatures back at night. Install an efficiently mini-split system heat pump to serve the guard room. Install a transfer duct from the adjacent corridor to provide air outside air to the guard cube.	\$92,883.33		\$0.00	\$0.00	\$92,883.33	\$0.00
319	HVAC System Upgrades	JCI nonARRA	Staton CF	The middle administrative area is heated and cooled by a packaged natural gas/DX rooftop unit (RTU3). RTU3 also serves the lab; according to lab operators, they keep a window air conditioner running continuously throughout the year. They try to damper down hot air from RTU3 (when in heating mode), but some hot air continues to blow into the space, increasing both heating and cooling requirements. A canopy extends the length of the building over the roof; pigeons next on the underside of the canopy. Bird waste creates a breathing hazard as outside air can be brought in at the rooftop unit; the outdoor air intake is manually shut, but some air can still enter through cracks. The scope of this work is to replace the existing rooftop unit with (2) high efficiency units; one unit will serve the labs and 1 unit will serve the middle admin areas. Outdoor air will be ducted to a place beyond the canopy. The new unit will be designed to serve the Install network control thermostat and connect to Metasys controls to optimize temperatures and set temperatures back at night.	\$103,272.50		\$0.00	\$0.00	\$103,272.50	\$0.00
320	HVAC System Upgrades	JCI nonARRA	Staton CF	The laundry area is heated only. A Reznor rooftop unit provides heating for one section and a suspended natural gas unit heater provides heating for the other. There area (2) open wall penetrations where exhaust fans are located and two penetrations for old dryer vents that were removed. One exhaust fan has missing gravity dampers and the other has dampers that do not close well. The scope of this ECM is to replace the Reznor unit with a high efficiency condensing furnace and extend ductwork to serve the area now served by the unit heater. Install new automated dampers on exhaust fans and block dryer vent penetrations.	\$148,291.64		\$0.00	\$0.00	\$148,291.64	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
321	HVAC System Upgrades	JCI nonARRA	Staton CF	Inmate dorm rooms are heated by (2) Reznor 400,000 Btuh natural gas rooftop units and (4) Tappan 200,000 Btuh units. Dorm rooms are on each side of a central corridor which is lower in height than the dorm rooms. The rooftop units are located on this lower roof; supply and return air is ducted through the wall of each dorm at a height of approximately 16 feet. Ductwork is not extended into the space and the supply air is relatively close to return air. A canopy extends over all of the rooftop units; pigeons nest on underside beams of the canopy and there is a significant amount of pigeon waste around the units. The scope of this ECM is to replace the (6) heating-only rooftop units with (8) high efficiency condensing units. Minimum outdoor air will be ducted beyond the canopy for fresh air. Extend supply air ductwork into the space and install high throw diffusers. Install programmable network thermostats for temperature control and monitoring. If needed for freeze protection, house each furnace in a well insulated and sealed enclosure next to the exterior wall of each dorm. Install a small fan to circulate air from heated s	\$588,836.30		\$0.00	\$0.00	\$588,836.30	\$0.00
322	HVAC System Upgrades	JCI nonARRA	Staton CF	Inmate dorm rooms are heated by (2) Reznor 400,000 Btuh natural gas rooftop units and (4) Tappan 200,000 Btuh units. Dorm rooms are on each side of a central corridor which is lower in height than the dorm rooms. The rooftop units are located on this lower roof; supply and return air is ducted through the wall of each dorm at a height of approximately 16 feet. Ductwork is not extended into the space and the supply air is relatively close to return air. A canopy extends over all of the rooftop units; pigeons nest on underside beams of the canopy and there is a significant amount of pigeon waste around the units. The scope of this ECM is to replace the (6) heating-only rooftop units with (8) high efficiency condensing units. Minimum outdoor air will be ducted beyond the canopy for fresh air. Extend supply air ductwork into the space and install high throw diffusers. Install programmable network thermostats for temperature control and monitoring. If needed for freeze protection, house each furnace in a well insulated and sealed enclosure next to the exterior wall of each dorm. Install a small fan to circulate air from heated s	\$588,553.38		\$0.00	\$0.00	\$588,553.38	\$0.00
323	HVAC System Upgrades	JCI nonARRA	Staton CF	Dorm A is a large open-area inmate housing building which is heated by (6) inefficient suspended natural gas unit heaters. Six (6) circulation fans are utilized in the summer to keep air moving throughout the facility. The scope of this ECM is to replace the inefficient units with one high-efficiency ducted condensing furnace. The scope also includes installation of a programmable network thermostat to monitor temperatures and ensure temperatures are optimized. Interlock the wall exhaust fans with the furnaces to disable the furnaces whenever exhaust fans are energized.	\$95,692.80		\$0.00	\$0.00	\$95,692.80	\$0.00
324	HVAC System Upgrades	JCI nonARRA	Staton CF	There are (2) officer cubes; each cube is served by a packaged Lennox CHA9 with electric heat and DX cooling. The scope of this ECM is to replace the existing units with high efficiency mini-split system heat pumps.	\$34,537.09		\$0.00	\$0.00	\$34,537.09	\$0.00
325	HVAC System Upgrades	JCI nonARRA	Staton CF	There are (2) officer cubes; each cube is served by a packaged Lennox CHA9 with electric heat and DX cooling. The scope of this ECM is to replace the existing units with high efficiency mini-split system heat pumps.	\$29,376.10		\$0.00	\$0.00	\$29,376.10	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
326	HVAC System Upgrades	JCI nonARRA	Staton CF	Inmate dorm rooms are heated by (2) Reznor 400,000 Btuh natural gas rooftop units and (4) Tappan 200,000 Btuh units. Dorm rooms are on each side of a central corridor which is lower in height than the dorm rooms. The rooftop units are located on this lower roof; supply and return air is ducted through the wall of each dorm at a height of approximately 16 feet. Ductwork is not extended into the space and the supply air is relatively close to return air. Due to ducting and room height, hot air tends to remain near the ceiling and supply air is likely short-cycling into the return air duct. Each dorm has a ceiling fan that is intended to circulate air from the ceiling to the occupied space to reduce this air stratification. According to personnel, fans are insufficient. The scope of this ECM is to install Airius destratification fans in each dorm to even out temperatures and lower heating requirements.	\$84,553.01		\$0.00	\$0.00	\$84,553.01	\$0.00
327	HVAC System Upgrades	JCI nonARRA	Staton CF	Inmate dorm rooms are heated by (2) Reznor 400,000 Btuh natural gas rooftop units and (4) Tappan 200,000 Btuh units. Dorm rooms are on each side of a central corridor which is lower in height than the dorm rooms. The rooftop units are located on this lower roof; supply and return air is ducted through the wall of each dorm at a height of approximately 16 feet. Ductwork is not extended into the space and the supply air is relatively close to return air. Due to ducting and room height, hot air tends to remain near the ceiling and supply air is likely short-cycling into the return air duct. Each dorm has a ceiling fan that is intended to circulate air from the ceiling to the occupied space to reduce this air stratification. According to personnel, fans are insufficient. The scope of this ECM is to install Airius destratification fans in each dorm to even out temperatures and lower heating requirements.	\$84,553.01		\$0.00	\$0.00	\$84,553.01	\$0.00
127	HVAC System Upgrades	JCI ARRA	St Clair CF	STC 9.5 Chem Shop	\$50,483.95	\$50,483.95	\$0.00		\$0.00	\$0.00
128	HVAC System Upgrades	JCI ARRA	St Clair CF	STC 9.5 Laundry	\$45,934.65	\$45,934.65	\$0.00		\$0.00	\$0.00
268	HVAC System Upgrades	JCI nonARRA	St Clair CF	The dorm is served by existing (8) natural gas fired unit heaters located through out the dorm. The scope of this ECM is to replace existing gas unit heaters with properly sized (2) new indoor AHUs with separated combustion duct furnaces. Utilize heating and recirculating with minimum outside air. The scope of this ECM also includes installation of programmable thermostats on the proposed AHUs.	\$134,864.12		\$0.00	\$0.00	\$134,864.12	\$0.00
269	HVAC System Upgrades	JCI nonARRA	St Clair CF	The dialysis center was constructed in year 2007 & 2008. The dialysis center is served by (4) split system units with electric heat. The split units are controlled by programmable thermostats. The scope of this ECM is to install network programmable thermostats for all (4) split units to implement scheduling and night setback for office areas.	\$50,604.42		\$0.00	\$0.00	\$50,604.42	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
270	HVAC System Upgrades	JCI nonARRA	St Clair CF	The G block dorms J,K,L,M,N,O,P and Q have similar HVAC systems. Currently the inmate cell areas in each dorm are served by (1) multizone heating only AHUs. The pneumatic controls on these multizone units are non-functional. The multizone units run 24x7. The scope of this ECM is to retrofit and recommission existing heating only multizone AHUs. This will include installing new energy efficient motors on SF,EF,OAF, electric damper actuators, 2-way control valve, reseal unit joints (where applicable), reinsulate units (where applicable), unit safeties (high/low limits), belt guards, repairs on air-to-air heat exchanger (if applicable). DDC controls will be installed on total of (8) multizone AHUs to implement scheduling and night setback through BMS.	\$1,198,962.09		\$0.00	\$0.00	\$1,198,962.09	\$0.00
271	HVAC System Upgrades	JCI nonARRA	St Clair CF	The social services office area is served by (1) 15-ton RTU. The regular working hours for the office area are 8-5, 5days a week. Only the canteen area is occupied by the guard on duty. The scope of this ECM is to replace older 15-ton RTU with a high efficiency 10-ton RTU with economizer. A properly sized heat pump unit with aux electric heat will be installed for the canteen area. Programmable thermostats will be installed on the RTU and heat pump units to implement scheduling and night setback through BMS.	\$112,857.80		\$0.00	\$0.00	\$112,857.80	\$0.00
272	HVAC System Upgrades	JCI nonARRA	St Clair CF	The admin bldg is served by a 15-ton RTU. The RTU does not have fresh air intake. The RTU is currently controlled by a non-programmable thermostat. The regular office hours are 8.00am-5.00pm except the guard station at the entrance with metal detector gate which is part of this admin area is manned 24x7. The scope of this ECM is to replace old less efficient RTU with (2) 7.5-ton RTUs with economizer. One RTU will serve the office area and other RTU will serve the guard station and hallway leading to the command center. This will include necessary ductwork modifications. Programmable thermostats will be installed for the (2) proposed RTUs to implement scheduling and night setback through BMS.	\$191,232.68		\$0.00	\$0.00	\$191,232.68	\$0.00
273	HVAC System Upgrades	JCI nonARRA	St Clair CF	The infirmary area is served by (1) 10-ton and (1) 15-ton RTU. The 10-ton RTU is new and serves the infirmary area which houses patients and 15-ton RTU is old and serves the medical office and pill call area. The area served by 10-ton unit is occupied 24x7. The medical office area is occupied 8-5 and pill call area is occupied 24x7. The scope of this ECM is to replace older 15-ton RTU with a high efficiency 10-ton RTU with economizer. A properly sized heat pump unit with aux electric heat will be installed for the pill call area. Programmable thermostats will be installed on the RTUs and heat pump units to implement scheduling and night setback through BMS.	\$108,874.01		\$0.00	\$0.00	\$108,874.01	\$0.00
274	HVAC System Upgrades	JCI nonARRA	St Clair CF	The visitation area and command center are both served by a 15-ton RTU. The regular operating hours for visitation area are 8.00am-11.00am and 12.00noon-3.00pm weekends only. The 15-ton RTU runs 24x7 to satisfy command center. The scope of this ECM is to install new properly sized split system unit with gas heat for the central command area only. Separate programmable thermostats will be installed for the existing 15-ton RTU serving visitation area and proposed split system unit at command center to implement scheduling and night setback through BMS.	\$69,487.38		\$0.00	\$0.00	\$69,487.38	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
275	HVAC System Upgrades	JCI nonARRA	St Clair CF	Building V includes mental health office and property room areas. A multizone heating only AHU provides heating for the building. Mental health area has (1) 4-ton split system unit with no heating for cooling. There are (2) window AC units also serving the mental health office area. The property room office area has a 2-ton split system unit for cooling. The heating and cooling systems are not interlocked causing occupant discomfort and excessive energy use. The scope of this ECM is to replace existing heating only multizone unit with a new multizone AHU with DX cooling. This unit will also serve the segregation office in bldg U. The cooling capacity will be sized as per the actual space load. Existing independent cooling units (split system and window AC units) will be eliminated. DDC controls will be installed to control the proposed multizone AHU. Scheduling and night setback will be implemented through BMS.	\$158,321.79		\$0.00	\$0.00	\$158,321.79	\$0.00
276	HVAC System Upgrades	JCI nonARRA	St Clair CF	The Dorm I is served by (1) split system unit which provides cooling. (2) wall mounted packaged units are used for heating. The scope of this ECM is to replace (1) existing old 4-ton split system unit with properly sized energy efficient heat pump unit with aux electric heat. The scope also includes eliminating (2) existing wall mounted packaged units on the other side of I-dorm and resealing penetrations. A programmable thermostat will be installed in a lock box for temperature control.	\$91,134.17		\$0.00	\$0.00	\$91,134.17	\$0.00
278	HVAC System Upgrades	JCI nonARRA	St Clair CF	The sally port is currently served by (2) window AC units and (2) wall electric heaters. The scope of this ECM is to replace existing window AC units and electric heaters with properly sized heat pump unit with electric heat. A programmable thermostat will be installed for the proposed heat pump unit.	\$53,967.74		\$0.00	\$0.00	\$53,967.74	\$0.00
279	HVAC System Upgrades	JCI nonARRA	St Clair CF	The scope of this ECM is to retrofit heating only multi-zone unit in the mechanical room attic space serving the locker area. A programmable thermostat will be installed to implement scheduling and night setback through BMS.	\$69,530.39		\$0.00	\$0.00	\$69,530.39	\$0.00
280	HVAC System Upgrades	JCI nonARRA	St Clair CF	The G block dorms include J,K,L,M,N,O,P and Q bldgs. These dorms are similar in construction and HVAC systems. Each dorm has (3) day room areas. The scope of this ECM is to replace (24) existing 2-ton split system units serving the day room areas with properly sized new high efficiency heat pump units with aux electric heat. Programmable thermostats will be installed on total of (24) split system units to implement scheduling and night setback through BMS.	\$689,750.79		\$0.00	\$0.00	\$689,750.79	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
281	HVAC System Upgrades	JCI nonARRA	St Clair CF	Currently the chapel is served by two independent sources for heating and cooling. The two systems are not interlocked with each other which on occasions causes simultaneous operation resulting occupant discomfort and excessive energy use. The goal of this ECM is to utilize single energy efficient system for cooling and heating. The scope of this ECM is to eliminate heating only AHU in the mechanical room attic space and replace older less efficient split system unit with a new high efficiency properly sized heat pump unit with hot water coil. The heating only AHU will be decommissioned and abandoned in the attic space. Necessary hot water piping modifications will be performed to accommodate new hot water coil on the split system unit. A separate gas furnace (heating only) will be installed for Arts and Crafts area next to chapel. Separate programmable thermostats will be installed to control proposed split system unit and gas furnace to implement scheduling and night setback.	\$98,790.45		\$0.00	\$0.00	\$98,790.45	\$0.00
282	HVAC System Upgrades	JCI nonARRA	St Clair CF	The segregation office is occupied 24x7. The scope of this ECM is to replace existing 3-ton split system unit serving bldg U with a heat pump system with electric heat backup. Install manual thermostat for temperature control.	\$14,834.72		\$0.00	\$0.00	\$14,834.72	\$0.00
283	HVAC System Upgrades	JCI nonARRA	St Clair CF	Currently Bldg W is served by a split system unit with electric heat. The unit is controlled by a non-programmable thermostat. The scope of this ECM is to replace existing unit with a high efficiency heat pump unit with aux electric heat. A programmable thermostat will be installed to implement scheduling and night setback through BMS.	\$23,015.52		\$0.00	\$0.00	\$23,015.52	\$0.00
284	HVAC System Upgrades	JCI nonARRA	St Clair CF	The segregation unit dorm A inmate cells and day room areas are served by a heating only multizone AHU. The pneumatic controls on these multizone unit are non-functional. The mutlizone unit run 24x7. The scope of this ECM is to retrofit and recommission existing heating only multizone AHU. This will include installing new energy efficient motors on SF,EF,OAF, electric damper actuators, 2-way control valve, reseal unit joints (where applicable), reinsulate units (where applicable), unit safeties (high/low limits), belt guards, repairs on air-to-air heat exchanger (if applicable). DDC controls will be installed to implement scheduling and night setback through BMS.	\$98,913.29		\$0.00	\$0.00	\$98,913.29	\$0.00
285	HVAC System Upgrades	JCI nonARRA	St Clair CF	The upholstery shop area is currently served by (1) heating only AHU with hot water coil. The controls on the AHU are non functional. The unit is controlled by a disconnect switch. The scope of this ECM is to retrofit and recommission existing (1) heating only AHU serving upholstery area. This will include furnishing new energy efficient motor, damper actuators, 2-way control valve and unit safeties (high-low limits), resealing the unit joints, belt guards (where required). DDC controls will be installed to implement scheduling and night setback through BMS.	\$73,881.70		\$0.00	\$0.00	\$73,881.70	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
286	HVAC System Upgrades	JCI nonARRA	St Clair CF	The vehicle shop area is currently served by (6) heating only AHUs with hot water coil and (5) gas duct furnaces. The controls on the AHUs are non functional. The units are controlled by disconnect switches. The scope of this ECM is to retrofit and recommission existing (6) heating only AHUs and decommission (5) gas duct heaters serving the vehicle shop area. This will include furnishing new energy efficient motor, damper actuators, 2-way control valve and unit safeties (high-low limits), resealing the unit joints, belt guards (where required). DDC controls will be installed to implement scheduling and night setback through BMS for total of (6) AHUs.	\$422,816.07		\$0.00	\$0.00	\$422,816.07	\$0.00
288	HVAC System Upgrades	JCI nonARRA	St Clair CF	The shift office and library areas are served by an existing 15-ton RTU. The shift office is occupied 24x7. The shift office will receive an independent new high efficiency heat pump system unit. The existing RTU will be replaced by a 10-ton units serving library and other spaces under the scope. Necessary duct work modifications will be performed to accomplish this ECM. A new DDC controls system will be installed to implement scheduling and night setback on both new units	\$41,821.20		\$0.00	\$0.00	\$41,821.20	\$0.00
289	HVAC System Upgrades	JCI nonARRA	St Clair CF	The segregation unit dorms B,C,D,E have similar HVAC systems. Currently the inmate cells and day room areas are served by (1) mutlizon heating only AHUs for each dorm. The pneumatic controls on these multizone units are non-functional. The mutlizon units run 24x7. The scope of this ECM is to retrofit and recommission existing heating only multizone AHUs. This will include installing new energy efficient motors on SF,EF,OAF, electric damper actuators, 2-way control valve, reseal unit joints (where applicable), reinsulate units (where applicable), unit safeties (high/low limits), belt guards, repairs on air-to-air heat exchanger (if applicable). DDC controls will be installed on total of (4) multizone AHUs to implement scheduling and night setback through BMS.	\$358,679.87		\$0.00	\$0.00	\$358,679.87	\$0.00
290	HVAC System Upgrades	JCI nonARRA	St Clair CF	The wood/furniture shop area is currently served by (5) heating only AHUs and (5) gas duct furnaces. The controls on the AHUs are non functional. with hot water coil. The controls on the AHUs are non functional. The units are controlled by disconnect switches. The scope of this ECM is to retrofit and recommission existing (5) heating only AHUs and decommission (5) gas duct heaters serving wood/furniture shop area. This will include furnishing new energy efficient motor, damper actuators, 2-way control valve and unit safeties (high-low limits), resealing the unit joints, belt guards (where required). DDC controls will be installed to implement scheduling and night setback through BMS for total of (5) AHUs.	\$331,025.12		\$0.00	\$0.00	\$331,025.12	\$0.00
291	HVAC System Upgrades	JCI nonARRA	St Clair CF	The trade school area is currently served by (4) heating only AHUs with hot water coil. The controls on the AHU are non functional. The units are controlled by disconnect switches. The scope of this ECM is to retrofit and recommission existing (4) heating only AHUs serving trade school area. This will include furnishing new energy efficient motor, damper actuators, 2-way control valve and unit safeties (high-low limits), resealing the unit joints, belt guards (where required). DDC controls will be installed to implement scheduling and night setback through BMS for total of (4) AHUs.	\$295,977.04		\$0.00	\$0.00	\$295,977.04	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
292	HVAC System Upgrades	JCI nonARRA	St Clair CF	The Gym is currently served by (1) heating only AHU with hot water coil. The controls on the AHU are non functional. The unit is controlled by a disconnect switch. The scope of this ECM is to retrofit and recommission existing (1) heating only AHU serving Gym area. This will include furnishing new energy efficient motor, damper actuators, 2-way control valve and unit safeties (high-low limits), resealing the unit joints, belt guards (where required). DDC controls will be installed to implement scheduling and night setback through BMS.	\$84,087.49		\$0.00	\$0.00	\$84,087.49	\$0.00
437	HVAC System Upgrades	NOR ARRA	Tutwiler Prison for Women	EMS	\$5,673.20		\$0.00	\$5,673.20	\$0.00	\$0.00
442	HVAC System Upgrades	NOR ARRA	Tutwiler Prison for Women	EMS	\$10,207.80		\$0.00	\$10,207.80	\$0.00	\$0.00
129	HVAC System Upgrades	JCI ARRA	Ventress CF	VNT 9.5 Stewards HVAC Unit Replacement	\$42,909.39	\$42,909.39		\$0.00	\$0.00	\$0.00
332	HVAC System Upgrades	JCI nonARRA	Ventress CF	The existing condensing units serving the Admin areas the air streams restricted, due a solid wall construction immediately surrounding the units. This is causing the AC condensing units to operate at very high head pressures. This ECM would remove a large portion of the wall, thus, allowing air to circulate through the units and provide new shrubbery. Include four new programmable thermostats for existing systems.	\$14,412.10		\$0.00	\$0.00	\$14,412.10	\$0.00
333	HVAC System Upgrades	JCI nonARRA	Ventress CF	Replace twenty-six (26) existing 25 year old 120 MBH vertical space heaters with twenty-six (26) new 120 MBh furnaces	\$178,734.98		\$0.00	\$0.00	\$178,734.98	\$0.00
334	HVAC System Upgrades	JCI nonARRA	Ventress CF	Replace two (2) 140 MBH vertical space heaters.	\$15,847.98		\$0.00	\$0.00	\$15,847.98	\$0.00
335	HVAC System Upgrades	JCI nonARRA	Ventress CF	Replace two ton split system with new two ton ductless split system heat pump.	\$15,502.80		\$0.00	\$0.00	\$15,502.80	\$0.00
336	HVAC System Upgrades	JCI nonARRA	Ventress CF	Replace 2 ton condensing unit, serving the Visitation building Restrooms.	\$15,783.92		\$0.00	\$0.00	\$15,783.92	\$0.00
337	HVAC System Upgrades	JCI nonARRA	Ventress CF	Replace 10 ton LP split system, serving the Stewards Office.	\$44,460.45		\$0.00	\$0.00	\$44,460.45	\$0.00
338	HVAC System Upgrades	JCI nonARRA	Ventress CF	Replace 10 ton LP split system, serving the Cooking Area, including condensing units, evaporators, and two (2) vertical furnaces.	\$44,460.45		\$0.00	\$0.00	\$44,460.45	\$0.00
133	Central Plant Measures/Boilers	JCI nonARRA	Agency Administration	Enterprise wide fleet management solution	\$593,621.96		\$0.00	\$0.00	\$593,621.96	\$0.00
134	Central Plant Measures/Boilers	JCI nonARRA	Agency Administration	Enterprise wide telecommunications solution to replace traditional voice calling with internet based voice over internet protocol.	\$2,196,484.13		\$0.00	\$0.00	\$2,196,484.13	\$0.00
459	Central Plant Measures/Boilers	NOR nonARRA	Birmingham CBF	Mechanical Upgrades	\$143,536.60		\$0.00	\$0.00	\$0.00	\$143,536.60
148	Central Plant Measures/Boilers	JCI nonARRA	Bibb County CF	The mechanical room houses (2) 2070000 Btuh water boilers used for space heating. Hot water is circulated to (4) air handling units in the Main Building and (2) air handling units in the Infirmary. Hot water is also circulated to (4) unit heaters located in the ICS area and (2) unit heaters in the laundry room. The hot water circulation for air-handling units is a constant volume system; hot water coil valves are 3-way. The scope of this ECM is to install 2-way valves served by the central boilers with 2-way valves. Install pressure differential sensors at the Visitation AHU and AHU 5 serving the Infirmary. Repipe the new boiler system for modular arrangement and Install variable-speed-drives on the circulation pump(s) to provide variable flow hot water. As part of this ECM, insulation will be restored to all hot water piping in the mechanical room. A boiler control system will be installed and connected to the new Metasys control system for monitoring.	\$134,818.99		\$0.00	\$0.00	\$134,818.99	\$0.00
352	Central Plant Measures/Boilers	NOR ARRA	Bullock CF	Central Plant Upgrades	\$5,112,371.90		\$0.00	\$5,112,371.90	\$0.00	\$0.00
358	Central Plant Measures/Boilers	NOR ARRA	Bullock CF	Mechanical Upgrades	\$178,788.70		\$0.00	\$178,788.70	\$0.00	\$0.00
462	Central Plant Measures/Boilers	NOR nonARRA	Bullock CF	Central Plant Upgrades	\$3,413,681.00		\$0.00	\$0.00	\$0.00	\$3,413,681.00
150	Central Plant Measures/Boilers	JCI nonARRA	Camden CBF	Replace existing windows for the Dining Room and Dorm areas. (12) new steel single pane windows.	\$112,193.55		\$0.00	\$0.00	\$112,193.55	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
161	Central Plant Measures/Boilers	JCI nonARRA	Childersburg CBF/CWC	Replace existing medical trailer	\$106,316.98		\$0.00	\$0.00	\$106,316.98	\$0.00
476	Central Plant Measures/Boilers	NOR nonARRA	Decatur CBF	Mechanical Upgrades	\$565,984.10		\$0.00	\$0.00	\$0.00	\$565,984.10
477	Central Plant Measures/Boilers	NOR nonARRA	Decatur CBF	Mechanical Upgrades	\$628,589.90		\$0.00	\$0.00	\$0.00	\$628,589.90
478	Central Plant Measures/Boilers	NOR nonARRA	Decatur CBF	Mechanical Upgrades	\$115,264.50		\$0.00	\$0.00	\$0.00	\$115,264.50
375	Central Plant Measures/Boilers	NOR ARRA	Donaldson CF	Mechanical Upgrades	\$93,422.40		\$0.00	\$93,422.40	\$0.00	\$0.00
486	Central Plant Measures/Boilers	NOR nonARRA	Donaldson CF	Mechanical Upgrades	\$563,268.10		\$0.00	\$0.00	\$0.00	\$563,268.10
130	Central Plant Measures/Boilers	JCI ARRA	Draper CF	DRA 10.1 Main Building - Boiler Replacement	\$122,344.96	\$122,344.96		\$0.00	\$0.00	\$0.00
163	Central Plant Measures/Boilers	JCI nonARRA	Draper CF	Many of the existing windows in the main building are original to the structure and are very loose and inefficient. The scope of work for this ECM is to replace the existing original windows with new windows.	\$920,093.31		\$0.00	\$0.00	\$920,093.31	\$0.00
501	Central Plant Measures/Boilers	NOR nonARRA	Elmore CF	Mechanical Upgrades	\$88,715.90		\$0.00	\$0.00	\$0.00	\$88,715.90
184	Central Plant Measures/Boilers	JCI nonARRA	Fountain CF	The Kitchen has 4 steam kettles, which are supplied by the central plant boilers. During the summer months, the only load on the steam system is the DHW and steam kettles. This ECM would remove the steam kettles from the central steam system and install a new 50 HP natural gas steam boiler outside the kitchen area.	\$244,488.62		\$0.00	\$0.00	\$244,488.62	\$0.00
187	Central Plant Measures/Boilers	JCI nonARRA	Fountain CF	The twelve (12) existing RTU heating systems are provided by steam from a central steam boiler plant. The existing steam coils have no control and steam is passing through the steam coils 24/7 during the winter months. This ECM would replace all steam RTU heating units with 60 new condensing gas fired furnace heating units and 4 new condensing gas fired furnaces with cooling. Also included is to replace two steam unit heaters in the Hobby Shop with natural gas fired unit heaters.	\$803,290.67		\$0.00	\$0.00	\$803,290.67	\$0.00
509	Central Plant Measures/Boilers	NOR nonARRA	Hamilton CBF	Mechanical Upgrades	\$3,285.10		\$0.00	\$0.00	\$0.00	\$3,285.10
411	Central Plant Measures/Boilers	NOR ARRA	Holman CF	Mechanical Upgrades	\$110,896.50		\$0.00	\$110,896.50	\$0.00	\$0.00
522	Central Plant Measures/Boilers	NOR nonARRA	Holman CF	Mechanical Upgrades	\$1,437,258.70		\$0.00	\$0.00	\$0.00	\$1,437,258.70
419	Central Plant Measures/Boilers	NOR ARRA	Kilby CF	Mechanical Upgrades	\$169,076.50		\$0.00	\$169,076.50	\$0.00	\$0.00
420	Central Plant Measures/Boilers	NOR ARRA	Kilby CF	Mechanical Upgrades	\$453,127.80		\$0.00	\$453,127.80	\$0.00	\$0.00
531	Central Plant Measures/Boilers	NOR nonARRA	Kilby CF	Mechanical Upgrades	\$1,888,766.60		\$0.00	\$0.00	\$0.00	\$1,888,766.60
213	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Currently admin bldg. heating and domestic hot water needs are served by a 900,000 BTU/HR input capacity Raypak boiler. The domestic hot water is generated by a 400 gal storage tank with a inefficient heat exchanger. The scope of this ECM is to remove building domestic hot water service from the existing HW boiler serving both heating and domestic hot water demands. Install dedicated 119 gal storage type commercial gas domestic hot water heater. All necessary hot water piping modification will be performed and the piping will be reinsulated to minimize heat loss.	\$47,150.71		\$0.00	\$0.00	\$47,150.71	\$0.00
215	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Replace existing (2) Raypack boilers with (2) condensing boilers, reuse existing storage tanks and modify piping accordingly. Reset the temperature control mixing valve to deliver 120 °F HW.	\$290,313.72		\$0.00	\$0.00	\$290,313.72	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
216	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Currently dorm heating and domestic hot water needs are served by a (2) 960,000 BTU/HR input capacity Raypak boilers. The domestic hot water is generated by a (2) 400 gal storage tanks with a inefficient heat exchangers. The scope of this ECM is to remove building domestic hot water service from the existing HW boilers serving both heating and domestic hot water demands. Install dedicated modular high efficiency boilers for domestic hot water heating. All necessary hot water piping modification will be performed and the piping will be reinsulated to minimize heat loss. Install a water treatment system to treat the cold water supply to the new and existing boilers.	\$2,258,796.30		\$0.00	\$0.00	\$2,258,796.30	\$0.00
227	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Replace existing heating hot water generator with new high efficiency condensing boiler. Install DDC for heating hot water temperature control and supply temperature reset based on OA. The new heating hot water generator will be shut off during summer months. The RUUD water heaters will be used to meet the primary domestic water needs. A small electric booster water heater will be piped to the DHW system to address peak demand requirements.	\$292,192.13		\$0.00	\$0.00	\$292,192.13	\$0.00
246	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Demolish existing 3,00,000 BTU/h boiler serving heating and domestic hot water boiler. Install (3) properly sized modular condensing hot water boilers to meet heating and domestic hot water loads in the kitchen. The new condensing boilers will be piped and controlled to meet heating and domestic hot water demands during winter months. During summer months, only one boiler will operate to meet domestic hot water demand. One additional boiler will be brought online only to meet domestic hot water peak demand. The existing domestic hot water tanks and heat exchangers will be reused. The existing 3-way control valve son the heat exchangers will be replaced and tanks will be reinsulated.	\$320,892.28		\$0.00	\$0.00	\$320,892.28	\$0.00
254	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Currently admin bldg. heating and domestic hot water needs are served by a 900,000 BTU/HR input capacity Raypak boiler. Replace existing Raypak boiler with (2) energy efficient condensing boilers.	\$292,502.11		\$0.00	\$0.00	\$292,502.11	\$0.00
255	Central Plant Measures/Boilers	JCI nonARRA	Limestone CF	Eliminate perimeter patrol and achieve fuel and operational savings by implementation of enhanced perimeter security system.	\$1,991,005.32		\$0.00	\$0.00	\$1,991,005.32	\$0.00
132	Central Plant Measures/Boilers	JCI ARRA	Staton CF	STA 10.1 Main Building - Boiler Replacement	\$177,702.60	\$177,702.60	\$0.00	\$0.00	\$0.00	\$0.00
293	Central Plant Measures/Boilers	JCI nonARRA	St Clair CF	The primary heating water for the facility is provided by (2) 12MMBTU Cleaver Brooks boilers (25 plus year old). Only one boiler is capable of handling heating water demand even on a design day. The primary pumping is provided by (1) ** hp pump in the central plant. The scope of this ECM is to replace existing (2) 12MMBTU boilers with a modular solution with multiple condensing boilers. The existing constant speed primary hot water pump will be replaced with (2) new variable speed pumps with sufficient capacity. Piping modifications will be performed as necessary. DDC system will be installed to control proposed heating hot water system and implement supply temperature reset based on OA through BMS. The old boilers will be decommissioned and left in place.	\$1,436,635.28		\$0.00	\$0.00	\$1,436,635.28	\$0.00
294	Central Plant Measures/Boilers	JCI nonARRA	St Clair CF	(2) 2MBTU boilers serve the domestic hot water demand for the facility. The scope of this ECM is to replace existing boiler for domestic hot water with a modular solution with multiple condensing boilers. Necessary piping modifications will be performed.	\$246,003.63		\$0.00	\$0.00	\$246,003.63	\$0.00
2	Building Envelop	JCI ARRA	ACI	ACI 1.7 Admin and Showrooms - Reduce Solar Heat Gain	\$857.47	\$857.47	\$0.00	\$0.00	\$0.00	\$0.00

Project Id	GroupDesc	SourceDesc	Institution	Project Description	Total BaseCost	JCI	NORESCO	JCI	NORESCO	
204	Building Envelop	JCI nonARRA	Agency Administration	The existing roof over the freezers and coolers is comprised of a very dark roof; this adds to cooling load requirements for each unit. The scope of this ECM is to install a cool roof over the existing structure. The existing roof is wet and in need of replacement. The scope includes removal of the existing roof down to the concrete structure, add ## inches of insulation and install a white membrane.	\$872,623.89		\$0.00	\$0.00	\$872,623.89	\$0.00
469	Building Envelop	NOR nonARRA	Bullock CF	Natural Gas Rate	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
162	Building Envelop	JCI nonARRA	Childersburg CBF/CWC	The temp dorm trailers 1-4 are in extremely poor condition. The scope of this ECM is to demolish these trailers and replace with four new dorm trailers. Description: Pre-engineered metal building, inmate dorms. · Number of inmates: 192 (Dorms 1,2,3,4 with 48 inmates each) Building: Interior partitions are abuse resistant Building HVAC: Heating only (AHRAE requirements provided) Building Power: Lighting, power, security electronics, fire alarm Life Safety: Emergency power is stand alone (light battery paks) and fire protection sprinklers.	\$900,000.00		\$0.00	\$0.00	\$900,000.00	\$0.00
487	Building Envelop	NOR nonARRA	Donaldson CF	NG Rate Change w/out Biomass Plant	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
1	Building Envelop	JCI ARRA	Draper CF	DRA 1.4 Lee Taylor - Insulation	\$4,256.69	\$4,256.69	\$0.00	\$0.00	\$0.00	\$0.00
370	Solar Array	NOR ARRA	Decatur CBF	Solar PV	\$150,420.20	\$0.00	\$150,420.20	\$0.00	\$0.00	\$0.00
3	Computer Mgmt Solutions	JCI ARRA	Agency Administration	DOC 2.1 Computer Mgmt Solution	\$37,533.78	\$37,533.78	\$0.00	\$0.00	\$0.00	\$0.00
					\$75,180,699.23	\$9,561,528.09	\$11,403,472.34	\$39,363,867.60	\$14,851,831.20	\$54,215,698.80
							\$20,965,000.43			

GroupDesc	ARRA		NON-ARRA		Total BaseCost
	JCI	NORESCO	JCI	NORESCO	
Lighting	\$3,088,771.93	\$2,720,393.14	\$0.00	\$0.00	\$5,809,165.07
Kitchen Equipment/Systems	\$1,360,898.70	\$973,842.30	\$410,454.39	\$0.00	\$2,745,195.40
Domestic Water Systems/controls	\$821,276.85	\$0.00	\$11,153,205.89	\$6,003,480.70	\$17,977,963.44
Laundry Equipment/Systems	\$1,071,448.29	\$885,656.60	\$198,104.19	\$0.00	\$2,155,209.08
Plug Load Control	\$21,709.34	\$0.00	\$6,665.30	\$0.00	\$28,374.64
HVAC System Upgrades	\$2,854,727.50	\$555,476.30	\$13,536,014.24	\$0.00	\$16,946,218.04
Central Plant Measures/Boilers	\$300,047.56	\$6,117,683.80	\$12,286,799.69	\$8,848,350.50	\$27,552,881.55
Building Envelop	\$5,114.16	\$0.00	\$1,772,623.89	\$0.00	\$1,777,738.05
Solar Array	\$0.00	\$150,420.20	\$0.00	\$0.00	\$150,420.20
Computer Mgmt Solutions	\$37,533.78	\$0.00	\$0.00	\$0.00	\$37,533.78
	\$9,561,528.09	\$11,403,472.34	\$39,363,867.60	\$14,851,831.20	\$75,180,699.23
		\$20,965,000.43		\$54,215,698.80	

**4.30% interest Rate - \$26.5M NPV The Project Scope of Work includes the attached project list of \$14,851,831, plus capitalized interest of \$1,175,565, plus 1,000,000 in project support fees.**

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Year	Utility Savings	O&M Savings	Total Savings	Lease Payments	M&V Service	O&M Service	Cost	Cash Flow \$A	Biomass Boiler Repair Allowance	Net Cash Flow
1	\$ 2,436,883	\$ 106,887	\$ 2,543,770	\$ 769,423	\$ 85,901	\$ 474,375	\$ 1,329,700	\$ 1,214,071	\$ -	\$ 1,214,071
2	\$ 2,527,774	\$ 109,025	\$ 2,636,799	\$ 820,684	\$ -	\$ 521,160	\$ 1,341,845	\$ 1,294,954	\$ -	\$ 1,294,954
3	\$ 2,621,847	\$ 111,205	\$ 2,733,052	\$ 851,452	\$ -	\$ 538,098	\$ 1,389,550	\$ 1,343,502	\$ -	\$ 1,343,502
4	\$ 2,719,226	\$ 113,429	\$ 2,832,655	\$ 1,030,720	\$ -	\$ 175,567	\$ 1,206,286	\$ 1,626,369	\$ -	\$ 1,626,369
5	\$ 2,820,031	\$ 115,698	\$ 2,935,729	\$ 1,068,490	\$ -	\$ 181,272	\$ 1,249,763	\$ 1,685,966	\$ -	\$ 1,685,966
6	\$ 2,924,399	\$ 118,012	\$ 3,042,411	\$ 1,107,588	\$ -	\$ 187,164	\$ 1,294,752	\$ 1,747,659	\$ -	\$ 1,747,659
7	\$ 3,032,459	\$ 120,372	\$ 3,152,831	\$ 1,148,062	\$ -	\$ 193,247	\$ 1,341,309	\$ 1,811,522	\$ -	\$ 1,811,522
8	\$ 3,144,353	\$ 122,779	\$ 3,267,132	\$ 1,189,965	\$ -	\$ 199,527	\$ 1,389,492	\$ 1,877,640	\$ -	\$ 1,877,640
9	\$ 3,260,231	\$ 125,235	\$ 3,385,466	\$ 1,233,352	\$ -	\$ 206,012	\$ 1,439,364	\$ 1,946,102	\$ -	\$ 1,946,102
10	\$ 3,380,242	\$ 127,740	\$ 3,507,982	\$ 1,278,281	\$ -	\$ 212,707	\$ 1,490,988	\$ 2,016,994	\$ -	\$ 2,016,994
11	\$ 3,504,132	\$ 130,294	\$ 3,634,426	\$ 1,409,842	\$ -	\$ -	\$ 1,409,842	\$ 2,224,584	\$ -	\$ 2,224,584
12	\$ 3,632,881	\$ 132,900	\$ 3,765,781	\$ 1,460,796	\$ -	\$ -	\$ 1,460,796	\$ 2,304,985	\$ -	\$ 2,304,985
13	\$ 3,766,258	\$ 135,558	\$ 3,901,816	\$ 1,513,566	\$ -	\$ -	\$ 1,513,566	\$ 2,388,250	\$ -	\$ 2,388,250
14	\$ 3,904,439	\$ 138,269	\$ 4,042,708	\$ 1,568,220	\$ -	\$ -	\$ 1,568,220	\$ 2,474,488	\$ -	\$ 2,474,488
15	\$ 4,047,612	\$ 141,035	\$ 4,188,647	\$ 1,624,831	\$ -	\$ -	\$ 1,624,831	\$ 2,563,816	\$ -	\$ 2,563,816
16	\$ 4,195,972	\$ 143,856	\$ 4,339,828	\$ 1,683,477	\$ -	\$ -	\$ 1,683,477	\$ 2,656,351	\$ -	\$ 2,656,351
17	\$ 4,349,716	\$ 146,733	\$ 4,496,449	\$ 1,744,232	\$ -	\$ -	\$ 1,744,232	\$ 2,752,217	\$ -	\$ 2,752,217
18	\$ 4,509,057	\$ 149,667	\$ 4,658,724	\$ 1,807,181	\$ -	\$ -	\$ 1,807,181	\$ 2,851,543	\$ -	\$ 2,851,543
19	\$ 4,674,206	\$ 152,661	\$ 4,826,867	\$ 1,872,405	\$ -	\$ -	\$ 1,872,405	\$ 2,954,462	\$ -	\$ 2,954,462
20	\$ 4,845,394	\$ 155,714	\$ 5,001,108	\$ 1,939,996	\$ -	\$ -	\$ 1,939,996	\$ 3,061,112	\$ -	\$ 3,061,112
<b>TOTAL</b>	<b>\$ 70,297,112</b>	<b>\$ 2,597,069</b>	<b>\$ 72,894,181</b>	<b>\$ 27,122,562</b>	<b>\$ 85,901</b>	<b>\$ 2,889,129</b>	<b>\$ -</b>	<b>\$ 42,796,589</b>	<b>\$ -</b>	<b>\$ 42,796,589</b>

Project Scope of Work: \$ 26,505,304  
 Project Support Fees: \$ 750,000  
 Project Contracted Amount: \$ 27,255,304  
 ARRA Contribution (\$11,403,472)  
 Capitalized Construction Interest: \$ 1,175,565  
 Total Lease Balance when Repayment Commences: \$ 17,027,397  
 Finance Rate: 4.30%  
 Effective Savings Escalation Rate: 3.44%  
 NPV of Cash Flow \$26,573,278 [at 4.3%]

## Finance Decision

Interim Period Finance Cost	\$2,286,321	
Project Cost	\$40,434,290	
ADOC PM Allowance	\$250,000	Included in the Total Project Cost Above
ADOC CO Allowance	\$750,000	Included in the Total Project Cost Above
Down Payment (ARRA plus Install Period Savings)	\$1,011,345	
Total Cost to Finance	\$41,709,266	
Interest Rate	4.300%	
Term of Financing (Years)	20.0	
Payment	Monthly	Arrears

## Annual Cash Flow Analysis - All ECM's Combined

Year	Savings	Annual Operational Savings	Total Annual Savings	Annual Project Costs	Annual JCI Service Costs	Annual JCI M&V Costs	Total Service Plus M&V Costs	Total Costs	Annual Cash Flow
<b>Installation</b>	\$695,921	\$328,983	\$1,024,903	\$1,011,345	\$0	\$0	\$0	\$1,011,345	\$13,558
1	\$2,574,669	\$403,671	\$2,978,340	\$2,458,294	\$300,045	\$220,000	\$520,045	\$2,978,339	\$1
2	\$2,651,909	\$411,744	\$3,063,653	\$2,759,675	\$303,977	\$0	\$303,977	\$3,063,652	\$1
3	\$2,731,466	\$419,979	\$3,151,445	\$2,844,129	\$307,315	\$0	\$307,315	\$3,151,444	\$1
4	\$2,813,410	\$428,379	\$3,241,789	\$2,931,524	\$310,264	\$0	\$310,264	\$3,241,788	\$1
5	\$2,897,812	\$436,946	\$3,334,759	\$3,046,836	\$287,921	\$0	\$287,921	\$3,334,758	\$1
6	\$2,984,747	\$445,685	\$3,430,432	\$3,136,751	\$293,680	\$0	\$293,680	\$3,430,431	\$1
7	\$3,074,289	\$454,599	\$3,528,888	\$3,229,334	\$299,553	\$0	\$299,553	\$3,528,887	\$1
8	\$3,166,518	\$463,691	\$3,630,209	\$3,324,663	\$305,544	\$0	\$305,544	\$3,630,208	\$1
9	\$3,261,513	\$472,965	\$3,734,478	\$3,422,822	\$311,655	\$0	\$311,655	\$3,734,477	\$1
10	\$3,359,359	\$482,424	\$3,841,783	\$3,523,894	\$317,888	\$0	\$317,888	\$3,841,782	\$1
11	\$3,460,140	\$492,072	\$3,952,212	\$3,627,965	\$324,246	\$0	\$324,246	\$3,952,211	\$1
12	\$3,563,944	\$501,914	\$4,065,858	\$3,735,126	\$330,731	\$0	\$330,731	\$4,065,857	\$1
13	\$3,670,862	\$511,952	\$4,182,814	\$3,845,468	\$337,346	\$0	\$337,346	\$4,182,813	\$1
14	\$3,780,988	\$522,191	\$4,303,179	\$3,959,086	\$344,093	\$0	\$344,093	\$4,303,178	\$1
15	\$3,894,418	\$532,635	\$4,427,053	\$4,076,077	\$350,974	\$0	\$350,974	\$4,427,052	\$1
16	\$4,011,250	\$543,288	\$4,554,538	\$4,196,543	\$357,994	\$0	\$357,994	\$4,554,537	\$1
17	\$4,131,588	\$554,154	\$4,685,741	\$4,320,586	\$365,154	\$0	\$365,154	\$4,685,740	\$1
18	\$4,255,535	\$565,237	\$4,820,772	\$4,448,314	\$372,457	\$0	\$372,457	\$4,820,771	\$1
19	\$4,383,201	\$576,541	\$4,959,743	\$686,141	\$379,906	\$0	\$379,906	\$1,066,047	\$3,893,696
20	\$4,514,697	\$588,072	\$5,102,770	\$0	\$387,504	\$0	\$387,504	\$387,504	\$4,715,265
<b>Totals</b>	\$69,878,236	\$10,137,122	\$80,015,358	\$64,584,572			\$6,808,248	\$71,392,820	\$8,622,538

This cashflow is indicative of the current financing conditions, assumptions and savings projections and is subject to adjustment upon final financing arrangements.



STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING

INVITATION TO BID ADDENDUM

INVITATION TO BID NO: 2220167 ADDENDUM NO: 01

REQ. AGENCY : 005000  
DEPARTMENT OF CORRECTIONS  
AGENCY REQ. NO. : ENGERY  
T-NUMBER : TA792  
DATE ISSUED : 07/19/10  
VENDOR NO. :  
VENDOR PHONE NO. :  
SNAP REQ. NO. : 1443200  
BUYER NAME : RAY BRESSLER  
BUYER PHONE : (334) 242-4670

FOR: ENERGY UPGRADE FINANCING  
MANDATORY PRE-BID CONF 7/15/10 9:00 AM

BID MUST BE RECEIVED BEFORE:  
07/28/10  
5:00 PM

BIDS WILL BE PUBLICLY OPENED:  
07/29/10  
10:00 AM

PLEASE READ ALL INSTRUCTIONS CAREFULLY

THE FOLLOWING CHANGES ARE HEREBY ADDED TO AND MADE A PART OF  
(INVITATION TO BID NUMBER 2220167 )

BIDDERS SHALL USE FOLLOWING AAA MMD RATES AS FOLLOWS:  
FOR LINE ITEM 00001 INTEREST RATE 3.68% FOR 20 YEAR REPAYMENT PERIOD  
(USE \$58,736,663 AMOUNT TO CALCULATE SEMI-ANNUAL PAYMENT AMOUNT).  
FOR LINE ITEM 00002 INTEREST RATE OF .45% FOR 2 YEAR REPAYMENT PERIOD  
(USE AMOUNT TO BE FINANCED \$20,965,000 TO CALCULATE SEMI-ANNUAL  
PAYMENT AMOUNT).

BID RETURN DATE IS CHANGED TO 07/28/10 (5:00 PM) AND BID OPEN DATE  
IS CHANGED TO 07/29/10 (10:00 AM). PLEASE RETURN ADDENDUM WITH  
ORIGINAL BID AND WITH COMPLETE EXACT COPY OF ORIGINAL TO PURCHASING.

\* \* \* \* \* END OF ADDENDUM \* \* \* \* \*

STATEMENT OF UNDERSTANDING

I UNDERSTAND THE ADDENDUM AND THAT, IF INDICATED, IT MUST BE SIGNED IN INK AND RETURNED WITH  
THE BID OR SEPARATELY, PROPERLY IDENTIFIED AND RECEIVED PRIOR TO DATE AND TIME SPECIFIED.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
AUTHORIZED SIGNATURE (INK)

ADDENDUM  
NOTARIZATION  
NOT REQUIRED

\_\_\_\_\_  
MAIL ADDRESS

\_\_\_\_\_  
TYPE/PRINT AUTHORIZED NAME

\_\_\_\_\_  
CITY, STATE, ZIP

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
PHONE INCLUDING AREA CODE

We will continue to answer bidder's questions through Friday, Jul 24.

Q1. Will the State's first payment on the Non-ARRA financing be 2 year plus 6 months (semi-annual in arrears after construction)?

A1. Yes...first semi annual payment will be due 6 months after completion of construction period.

Q2. Section 16 of the lease calls for a prepayment date of July 15, 2017. Due to the length of the financing, could that be increased to 2024?

A2. No.

Q3. Can Certificates of Participation (COP) be utilized as a financing tool?

A3. The Department of Corrections is prohibited from issuing debt instruments for this financing. As long as COPs can be used to structure a master lease-purchase agreement without the Department issuing debt instruments, they can be utilized.

Q4. Can a respondent utilize Build America Bonds (BAB) as financing tool?

A4. Refer to A3...As long as BABs can be used to structure a master lease-purchase agreement without the Department issuing a debt instrument, they can be utilized.

Q5. Can we submit a surety bond or similar bank instrument in place of the certified check for the deposit?

Q5. No.

Payment schedules for both lines 1 and 2 must be based on even payments for the term of the repayment period. The cash flow documents provided by JCI and NORESKO reflect uneven payment schedules merely to show that the project scope pays for it self during the term of the contract. Bids will be evaluated based on semiannual payment amounts over the duration of the term for each line. In addition, although we will use a quarterly payment structure for the loaned amount in line 2, for bid purposes please provide a semiannual amount.



INVITATION TO BID NO: 2220167      ADDENDUM NO: 03

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING

REQ. AGENCY : 005000  
DEPARTMENT OF CORRECTIONS  
AGENCY REQ. NO. : ENGERY  
T-NUMBER : TA792  
DATE ISSUED : 07/23/10  
VENDOR NO. :  
VENDOR PHONE NO. :  
SNAP REQ. NO. : 1443200  
BUYER NAME : RAY BRESSLER  
BUYER PHONE NO. : (334) 242-4670

INVITATION TO BID ADDENDUM

FOR: ENERGY UPGRADE FINANCING  
MANDATORY PRE-BID CONF 7/15/10 9:00 AM

BID MUST BE RECEIVED BEFORE:  
DATE: 07/28/10    TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:  
DATE: 07/29/10    TIME: 10:00 AM

PLEASE READ ALL INSTRUCTIONS CAREFULLY

THE FOLLOWING CHANGES ARE HEREBY ADDED TO AND MADE A PART OF  
(INVITATION TO BID NUMBER 2220167 )

ALL BIDDERS MUST USE EVEN PAYMENT SCHEDULES ON PRICE SHEET OF BID FORM. LINE 0001 HAS FORTY (40) SEMIANNUAL PAYMENTS AND LINE 0002 HAS FOUR (4) SEMIANNUAL PAYMENTS.

PLEASE RETURN THIS ADDENDUM WITH YOUR ORIGINAL BID AND WITH COMPLETE EXACT COPY OF ORIGINAL BID.

A BID CLARIFICATION AND UPDATE OF QUESTIONS/ ANSWERS IS NOW POSTED ON PURCHASING WEBSITE. BID RETURN AND BID OPEN DATES/ TIMES ARE NOT CHANGED (BID RETURN 07/28/10 5PM AND BID OPEN 07/29/10 10AM).

\* \* \* \* \* END OF ADDENDUM \* \* \* \* \*

STATEMENT OF UNDERSTANDING

I UNDERSTAND THE ADDENDUM AND THAT IT MUST BE SIGNED IN INK AND RETURNED (UNLESS INDICATED OTHERWISE) WITH THE BID OR SEPARATELY, PROPERLY IDENTIFIED AND RECEIVED PRIOR TO DATE AND TIME SPECIFIED.

ADDENDUM NOTARIZATION  
NOT REQUIRED

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
AUTHORIZED SIGNATURE (INK)

\_\_\_\_\_  
MAIL ADDRESS

\_\_\_\_\_  
TYPE/PRINT AUTHORIZED NAME

\_\_\_\_\_  
CITY, STATE, ZIP

\_\_\_\_\_  
PHONE INCLUDING AREA CODE



INVITATION TO BID NO: 2220167      ADDENDUM NO: 02

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING

REQ. AGENCY : 005000  
DEPARTMENT OF CORRECTIONS  
AGENCY REQ. NO. : ENGERY  
T-NUMBER : TA792  
DATE ISSUED : 07/22/10  
VENDOR NO. :  
VENDOR PHONE NO. :  
SNAP REQ. NO. : 1443200  
BUYER NAME : RAY BRESSLER  
BUYER PHONE NO. : (334) 242-4670

INVITATION TO BID ADDENDUM

FOR: ENERGY UPGRADE FINANCING  
MANDATORY PRE-BID CONF 7/15/10 9:00 AM

BID MUST BE RECEIVED BEFORE:  
DATE: 07/28/10 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:  
DATE: 07/29/10 TIME: 10:00 AM

PLEASE READ ALL INSTRUCTIONS CAREFULLY

THE FOLLOWING CHANGES ARE HEREBY ADDED TO AND MADE A PART OF  
(INVITATION TO BID NUMBER 2220167 )

THE QUESTIONS AND ANSWERS ARE POSTED ON PURCHASING WEBSITE.  
THE BID RETURN DATE 07/28/10 (5:00 PM) AND BID OPEN DATE 07/29/10  
REMAIN THE SAME. (THE "CORRECTED ADDENDUM NO: 1 IS ALSO ATTACHED TO  
ITB ON OUR WEBSITE.) PLEASE RETURN THIS ADDENDUM WITH YOUR BID  
AND WITH COMPLETE EXACT COPY OF YOUR BID. YOU MAY STILL CALL WITH ANY  
PROCEDURAL QUESTIONS (BID FORM COMPLETION, ETC.) YOU HAVE FOR BUYER.

\* \* \* \* \* END OF ADDENDUM \* \* \* \* \*

STATEMENT OF UNDERSTANDING

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COMPANY NAME

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AUTHORIZED SIGNATURE (INK)

ADDENDUM NOTARIZATION  
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MAIL ADDRESS

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\_\_\_\_\_  
CITY, STATE, ZIP

\_\_\_\_\_  
PHONE INCLUDING AREA CODE



INVITATION TO BID NO: 2220167      ADDENDUM NO: 01

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING

REQ. AGENCY : 005000  
DEPARTMENT OF CORRECTIONS  
AGENCY REQ. NO. : ENGERY  
T-NUMBER : TA792  
DATE ISSUED : 07/19/10  
VENDOR NO. :  
VENDOR PHONE NO. :  
SNAP REQ. NO. : 1443200  
BUYER NAME : RAY BRESSLER  
BUYER PHONE NO. : (334) 242-4670

INVITATION TO BID ADDENDUM

FOR: ENERGY UPGRADE FINANCING  
MANDATORY PRE-BID CONF 7/15/10 9:00 AM

BID MUST BE RECEIVED BEFORE:  
DATE: 07/28/10 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:  
DATE: 07/29/10 TIME: 10:00 AM

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