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PHYSICAL LOCATION
Montgomery County
Administrative Building, Annex III
101 S. Lawrence Street
Montgomery, AL 36104

PURCHASING DEPARTMENT

P.O. BOX 1667
MONTGOMERY, ALABAMA 36102-1667

INVITATION TO BID

HVAC Preventive Maintenance and Repairs for Various County Buildings

Facilities walk-through Thursday December 7, 2023, at 10:00 a.m., CST

Bid Date:	Bid Number:	Return Quotation By:
November 28, 2023	51901-24B-004	December 19, 2023 10:00 a.m. CST

Please submit a sealed price quotation on the items listed herein. (**Faxed bids will not be accepted.**) The submissions will be received at the Purchasing Department Office, 101 S. Lawrence Street until the date and time shown above, and publicly opened as soon thereafter as practicable. If unable to quote, write "NO BID" and return.

The Montgomery County Commission reserves the right to award this bid on an all or none, to refuse all bids, and to waive technicalities.

Questions regarding this bid should be directed to Khristie Davis, Purchasing Manager, Purchasing Department, Montgomery County Administrative Building Annex III, 101 South Lawrence Street, Montgomery, Alabama, phone number (334) 832-1267.

A handwritten signature in blue ink that reads "Florence M. Cauthen".

Florence M. Cauthen
County Administrator

GENERAL CONDITIONS AND INSTRUCTIONS

1. The bid number must appear on the outside of the bid envelope.
2. No oral, telephonic, facsimile, modifications or alternate bids will be considered. Bids from firms, individuals, or the same owners of separate companies submitting more than one bid will not be considered.
3. Late bids will not be opened.
4. Three (3) no responses to invitation to bid will be reason for deletion of bidder's name from the bid list. Once deleted from bid list, bidder's name may be returned to bid list with a written request from the bidder.
5. Bidders must submit an original and one (1) copy of its bid. The attached bid form must be completed in its entirety, signed by an authorized agent of the company, and submitted with the bid response. **Bid forms that are not signed will be disqualified.**
6. All pricing shall be F.O.B., Montgomery, Alabama. Deliveries shall be to the site and designated location of the ordering department listed on the purchase order. The bid price shall include all freight/delivery, fuel, surcharge, handling, packaging, services charges, paid by the vendor.
7. Bidders must attach to bid a copy of a current City of Montgomery business license and Montgomery County business license, if required by law, and shall be current on payment of all city and county sales taxes. **If vendor is not required to have a City of Montgomery Business license or a Montgomery County business license, vendor must specify why license is not required.**
8. Bidders having a place of business within the legal boundaries of Montgomery County shall be given a 5% preference over vendors located outside of the legal boundaries of Montgomery County. Separately, the Montgomery County Commission reserves the right to award the contract to a local responsible bidder if the bid is within 10% of a foreign entity's bid. A foreign entity is a business that does not have a place of business within the State of Alabama.
9. The contract period will be for one (1) year, beginning from the date of award and ending one (1) year thereafter with an option to renew for an additional two (2) years, in one (1) year periods. At the end of the one (1) year contract period, a price increase may be allowed but shall not exceed five percent (5%) per year.
10. The successful bidder awarded the contract/ purchase order must provide documentation of its enrollment in the E-Verify program.
11. Montgomery County reserves the right to perform a criminal background check on

successful vendor's employees that will be servicing the County.

12. Montgomery County reserves the right to inspect the bidder's place of business and ask questions pertaining to the business.
13. Montgomery County Commission reserves the right to add or remove locations and/or equipment at any time during the contract period.
14. Successful vendor shall file the following insurance coverage and limited liability with the Purchasing Department before beginning work with Montgomery County:

General Liability

\$1,000,000 – Bodily injury and property damage combined occurrence

\$1,000,000 – Bodily injury and property damage combined aggregate

\$1,000,000 – Personal injury aggregate

Comprehensive form including premises/operation, products/completed operations contractual, independent contractors.

Broad form property damage and personal injury.

Automobile Liability

\$1,000,000 – Bodily injury and property damage combined coverage

Any automobile including hired and non-owned vehicles

Worker Compensation and Employers Liability

\$1,000,000 – Limited each occurrence

Umbrella Coverage

\$1,000,000 – Each occurrence

\$1,000,000 – Aggregate

15. Successful bidder will maintain such insurance as will protect him and Montgomery County from claim under Workmen's Compensation Acts, and from claims for damage and/or personal injury, including death which may arise from operations under the contract.
16. The Montgomery County Commission, its departments and its employees shall be named as additional insured.
17. If a dispute arises out of or relates to this agreement or its breach, the parties shall endeavor to settle the dispute first through direct discussions and negotiations. If the dispute cannot be settled through direct discussions or negotiations, the parties shall endeavor to settle the dispute by non-binding mediation. The location of the mediation shall be Montgomery, Alabama. Either party may terminate the mediation at any time after the session, but the decision to terminate must be delivered in person to the other party and the mediator. Engaging in mediation is a condition precedent to any other form of binding dispute resolution. If the parties cannot agree on a mutual resolution, any disputes not resolved by

mediation shall be decided in the Circuit Court of Montgomery County, Alabama, governed by the laws of the state of Alabama.

18. If a bidder desires to protest a bid, a formal written protest shall be submitted to the Administrator/Purchasing Agent within five (5) working days before the bid opening or proposal due date or within five (5) working days after award. The formal written protest may be hand delivered to the Administrator or Administrator's Office of the Montgomery County Commission and/or mailed to the Administrator/Purchasing Agent by registered certified mail. The bidder and/or his authorized agent or legal representative must sign the formal written protest, or it will not be accepted.

Failure to file the notice of protest within the time limit prescribed herein shall constitute a waiver of any protest to the bid and/or request for proposal process.

The formal written protest shall state with particularity the facts and law upon which the protest is based. Within 30 calendar days of receipt of the timely filed, formal written protest, the Administrator/Purchasing Agent shall issue a written decision with respect to the protest. Should the decision by the Administrator/Purchasing Agent be adverse to the bidder, the bidder may seek relief in accordance with the *Code of Alabama 41-16-31*.

19. The selected vendor agrees to protect, defend, indemnify and hold the Montgomery County Commission and its employees, agents, officers and servants free and harmless from any and all losses, claims, liens, not limited to, the amounts of judgments, penalties, interests, court costs, legal fees, and all other expenses incurred by the County arising in favor of any party, including employees of the successful vendor, death or damages to property and without limitation by enumeration, all other claims or demands of every character but only on the proportion of and to the extent such losses, claims, liens, demands and causes of action arise out of the negligent acts or omissions of contractor, its employees, agents and officers. The successful vendor agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suite at its sole expense. The successful vendor also agrees to bear all other costs and expense related thereto, even if the claim or claims alleged are groundless, false or fraudulent.
20. The selected vendor affirms that it will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama for the duration of the agreement. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.
21. The Montgomery County Commission is committed to increase participation by Minority and Women-Owned Businesses (M/WBs) in the procurement process in Montgomery County; to insure equal opportunity for M/WBs to participate in the procurement process; to prohibit discrimination on the basis of race, color, religion, national origin, sex, age, disability, or veteran status in the procurement process; and to achieve a minimum of 30% participation by M/WBs in the procurement process in Montgomery County.

22. Montgomery County Commission may review bidder's qualifications and references as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the County all such information and data for this purpose as the County may request.
23. Montgomery County Commission reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein.
24. While the bid award may be made to the lowest bidder meeting all specifications, Montgomery County Commission will not award the bid on the basis of the low bid only. Quality, conformity with specifications, terms of delivery, past service history, and experience are among factors that may be considered in determining the lowest responsible bidder.
25. Montgomery County Commission reserves the right to award the bid in any manner that is in the best interest of the County.
26. A walk-through of the facilities is scheduled for December 7, 2023, at 10:00 a.m. CST at the Purchasing Office, Montgomery County Commission, Annex III, 101 South Lawrence Street, Montgomery, Alabama.

Scope of Work

Montgomery County Commission proposes to enter into a contract for preventive maintenance and repair services on the heating, ventilation, air conditioning and controls in accordance with the original equipment manufacturer (OEM) specifications and recommendations at various locations. The Service Company shall provide experienced and certified personnel, all labor, supervision, materials, and equipment necessary to perform proper preventative maintenance, repairs, and new part installations in accordance with all federal, state, and local laws.

Equipment

The responsibility of the Service Company shall not be limited only to the major equipment listed in the invitation to bid specifications, but also include all pertinent devices and systems such as:

Heating Systems: Boilers, burners, furnaces, pumps, heating coils, steam traps, water strainers, unit heaters, duct heaters, heat exchangers, humidifiers, etc.

Cooling Systems: Air conditioning compressors, evaporative condensers, air cooled condensers, cooling towers, cooling tower fans, pumps, water chillers, cooling coils, etc.

Air Handling Systems: Fans, motors, air grills, plenums, registers, dampers, induction units, mixing boxes, fan coils units, etc.

Temperature Control System: Thermostats, pressure controls, relays limits, valve operators, damper motors, humidity controls, step switches, time clocks, contactors, controllers, capacity controls, safety controls, recorders, control panels, gauges, etc.

Miscellaneous Equipment: All exhaust fans, all intake fans, manual valves, float valves, direct expansion valves, thermometers, gauges, magnetic starters, manual motor starters, pump and fan motor drives, belts, electrical wiring from motor starter to their respective motor, check valves, refrigerant piping insulation, refrigerant coil cleaning solution.

Maintenance

The Service Company shall schedule and perform the preventive maintenance services on no less than a monthly basis.

1. Examine each piece of equipment and device to ensure proper function.
2. Clean components of dust and old lubricants. Lubricate equipment as needed.
3. Paint equipment as needed after mechanical service.
4. Adjust all linkages, motors, drives, etc. to initial design settings and positions.
5. Calibrate all sensing, monitoring, output, safety, and read-out devices for proper ranges,

settings, and optimum efficiencies.

6. Test software. Software maintenance for all automation systems shall be performed by factory trained technicians. Skills must include trouble shooting, programming and overall system performance.
7. Test and cycle equipment as a system after it has been cleaned, lubricated, adjusted, calibrated and software exercised to assure that it is in proper operating condition and performing at optimum efficiency.
8. Inspect Boiler. Boiler inspection will include but is not limited to: burners, filters, gas valves, manual reset high limit controls, automatic reset high limit controls, temperature controls, ignition controls, igniters, ignition sensors, transformers, blowers, flow switches and heat exchanger coils.

After each service, a report shall be generated for the County detailing work performed.

Parts Replacement

1. All parts, components, or devices for the mechanical, automation and temperature controls that are worn or not in proper operational condition shall be repaired and/or replaced with new original manufacturers recommended parts, components or devices supplied by the Service Company and included in the cost of service.
2. Equipment or parts shall be replaced in their entirety and if a newer design of this device is available and is functionally equivalent and compatible, the device of the newer design shall be used as the replacement and included in the cost of service.
3. All repairs and replacement parts, components and devices for the mechanical system and equipment as listed shall be supplied by the Service Company and included in the cost of service.
4. All miscellaneous parts and supplies such as belts, valve packings, lubricants, tool, paints, refrigerants test instruments meters, and all gases including freon that are necessary to maintain the mechanical systems and equipment shall be supplied by the Service Company and included in the cost of service.

Procedures and Records

1. The Service Company shall utilize computer generated preventive maintenance directions, which indicate task functions to be performed on each scheduled service call, as determined by the calendar periods, operating hours, runtime, manufacturer's recommendations, and historical data bank, as pertinent to each task.
2. The Service Company shall provide continuous updating of maintenance procedures and

frequencies. Breakdown experience and frequency shall determine the on-site material inventory level and preventive maintenance frequencies.

3. All software upgrades from the factory will be implemented and are the responsibility of the Service Company. Maintenance of software shall be included in the cost of service. Service Company shall give on-site training classes to Montgomery County Commission maintenance personnel on any new upgrades or updated software.

Safety and Protection of Persons and Property

1. The Service Company shall create, maintain, and supervise conditions to facilitate and promote safe execution of work, and shall supervise the work with the attention and skills required to assure safe performance. Safety provisions shall conform to OSHA requirements and all other federal, state, county and local laws, ordinances codes, and regulations.
2. The Service Company shall employ methods, safety precautions, and protective measures that will reasonably prevent damage, injury, or loss.

Emergency Service

1. The Service Company shall provide emergency service on an as required basis. Emergency service shall be considered as calls in addition to the scheduled preventive maintenance calls.
2. All labor, overtime, travel costs, parts, supplies, and any other expenses incurred and expended on such a call shall be provided by the Service Company and shall be included in the cost of the service program.
3. Emergency services shall be provided as often as needed, on a 24-hour basis, weekends and legal holidays included.
4. The Service Company shall be capable of responding to an emergency service within one (1) hour on site. All work shall be started within two (2) hours of initial service request, including after hour, weekends, and holidays.
5. Emergency service response system shall be manned on a 24-hours basis by full time employees of the Service Company. These employees are to be trained HVAC analysts to properly assist the County immediately. The phone number for regular service must be the same for emergency service.

Service Company Qualifications

The following requirements shall be considered minimum standards for a Service Company to be considered as qualified to provide services under this contract; proof of these qualifications must be provided with bid response.

1. The date of establishment of the Service Company with the State of Alabama.
2. A complete resume of the service operation and history.
3. A current list of employees and their positions and longevity.
4. The Service Company must visit each location to become familiar with the facility and equipment prior to submitting a bid. No bid shall be accepted from any Service Company unless it has been verified that there has been an inspection of all equipment prior to bid submittal.
5. Three (3) references within the state of Alabama with contracts in excess of \$75,000.00 annually for which this service is presently being performed. Include a list of items covered under the contract.
6. The Service Company shall have both a State of Alabama General Contractor's license and a certified HVAC/Mechanical Contractor license and shall possess the correct occupational license, professional license or other authorization necessary to carry out and perform the work required under the contract.
7. Technicians must be EPA certified to handle refrigerants. Technicians must be certified to perform work on boilers.
8. The Service Company shall maintain an Engineering Department staffed by a minimum of one (1) registered Professional Engineer currently practicing in the mechanical engineering field. In addition, the Service Company shall be experienced in and currently engaged in design/build projects of HVAC systems.
9. The Service Company shall maintain a field office and/or warehouse within fifteen (15) miles of the facilities to be serviced in this Invitation to Bid.
10. The Service Company shall have a minimum of five (5) local service personnel employed full-time with a residence within a maximum of a twenty (20) mile radius of the facility to be serviced.
11. Services that are to be provided shall be performed by qualified and trained service personnel that are directly employed by the Service Company. Subcontracting portions of the system or services requested in this specification shall not be allowed without prior consent from Montgomery County Commission.

12. The Service Company shall be capable of performing "non-destructive" testing of designated equipment.
11. A Certificate of Insurance with the minimum amounts of coverage.
12. The Service Company shall submit data that indicates the use of a uniform and detailed method by which preventive maintenance tasks are defined, scheduled, recorded, updated, and processed. The Service Company's preventive maintenance program shall be computer generated, based on run time, manufacturer's recommendations, and a historical data bank of similar equipment. Simple computer based, run time only, or hand scheduled programs are not acceptable.
13. Sample forms, typical service reports, preventive maintenance reports, methods of record keeping, computer generated scheduling, etc. that indicate the level of knowledge and degree of experience in the maintenance of mechanical systems. As a minimum, submit actual computer-generated preventive maintenance task checklists for three (3) major pieces of equipment on the equipment list. Copies of checklists from other customers or hand typed lists are not acceptable.

Special Conditions

1. The Service Company's responsibility for injury to persons or property that may be caused by, or arise through the maintenance service, functioning or use of the system, shall be limited to injury caused directly by the Service Company's negligence in performing the obligations as set forth in the specification. The Service Company shall not be made liable for consequential or speculative damages.
2. The Service Company shall not be made liable for any loss, delay, injury, or damage, whether direct or consequential, that may be caused by conditions beyond the Service Company's direct control including but not limited to: acts of government, strikes, lockouts, fire, explosion, theft, riot, civil commotion, war, malicious mischief, flood and other acts of God.
3. The Service Company shall not be required to make safety tests or install new attachments of additional controls or equipment as recommended or directed by an insurance company, laboratory, or government authority.
4. Access to all devices to be serviced shall be provided for the Service Company. The Service Company shall not be held responsible for equipment malfunction or damage should access to equipment or the inability to start and stop primary equipment incidental to the operations of the mechanical system be denied or not provided.
5. The Service Company shall not be made responsible for repairs or replacements necessitated by reason of negligence or misuse of the equipment by other than the Service Company, or by reason of any other cause beyond the control of the Service Company,

except ordinary wear and tear.

6. The Service Company shall not be relieved from assuming all responsibility for properly estimating the difficulties and the cost of performing the services required in this Invitation to Bid, because of failure to investigate the conditions or become acquainted with all the information concerning the services to be performed.
7. The Service Company shall be available, at no additional charge, for consultations, minor design and equipment changes, or modifications to automatic temperature controls and mechanical systems. The Service Company shall be expected to recommend energy saving modifications and low cost/no cost modifications and operating procedures changes to the County.
8. If either Montgomery County Commission and/or the Service Company suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, written detailed notice of such injury or damage, whether or not insured, shall be given to the other party within a reasonable time after discovery.
9. Montgomery County Commission and/or the Service Company shall have the right to cancel the contract with a sixty (60) day written notice of cancellation at any time during the term of the contract.

The following equipment will be maintained, repaired, operated and/or monitored by the Service Company. This list is not a complete listing of all HVAC equipment owned by Montgomery County Commission. It is the responsibility of the bidder to verify the equipment at each location, as all HVAC equipment owned by Montgomery County Commission will be included in the Contract.

1. Mac Sim Butler Detention Facility 225 S. McDonough St., Montgomery, Alabama

1. LAARs Boiler Model PNCV 2000 (3 total)
2. Chimney Automation System Exhausto Model CASV 400 (1 total)
3. Modulating Combustion Air System Exhausto Model MCAS 315 (1 total)
4. Trane Packaged Rooftop AC units (13 total)
 - a. Trane Model YCD600A4 (1 total)
 - b. Trane Model YCD480A4 (2 total)
 - c. Trane Model YCD360A4 (5 total)
 - d. Trane Model YCD330A4 (5 total)
5. Trane Split System Compu-aire AC Units/ Control Rooms (5 total)
6. Trane Split System Heat Pump Mitsubishi Model MXZ-2A20NA/Elevator Room (1 total)
7. Trane Split System AC units Mitsubishi Models MS-A09WA & MU-A09WA (10 total)
8. Variable Air Volume Terminal Units (27 total)
9. Power Induction Units (17 total)
10. HEPA Unit/IMH-70MHASD -1 ½ hp. Motor Fan (1 total)

2. Phelps and Price Judicial Building, Annex I, Annex II, Annex III, Montgomery County Detention Facility

1. Front End/ Servers/PC (3 total)
2. CT-10K-3-RUPSC-DF BAPI wall mount with temperature, set point and override
3. SCC-300 RTC CIRCON Controllers
4. Cicron configurable & programmable VAV terminal unit controllers VAV-332-IMV & VAV-332-RPG
5. Circon UHC-300 and UCH-320 programmable controller
6. PTAC Unit
7. Air compressor, pressure reducer and dryer
8. Air handling unit controls
9. Exhaust fan controls
10. Unit heater controls
11. Thermostats
12. Temperature sensors
13. Pressure sensors
14. Valve and valve operators
15. Dampers and damper controls
16. Controllers- CPU
17. Relays

18. E-P transducers and E-P switches
 19. Override switches
 20. Control Point Adjustment (CPA) modules
 21. Variable Air Volume (VAV) controls (Actuator, Regulators, etc.)
3. List of maintained equipment located in Chiller/Boiler Mechanical Room for Phelps & Price Judicial Center and Montgomery County Detention Facility
1. Centrifugal Chillers; 290 tons; Carrier Model# 19XR3637275BGS64 (2 total)
 2. Cooling Towers; EVAPCO Model # USS 19-912 (2 total)
 3. Cooling Towers Motor; 30 hp. Inverter Duty (2 total)
 4. Hydrotherm Mechanical Low-Pressure Boiler Model #KN-20 (3 total)
 5. Primary Hot Water Pumps 5hp. Bell & Gossett (2 total)
 6. Square "D" Variable Speed Drives
 7. Cooling Tower-chemical feed pumps (2 total)
 8. PCWP Chill Water Pumps/Motor; 10hp. Armstrong Model HBO104FKA
 9. CWP Chill Water Pumps/Motors; 20hp. Armstrong/Baldor-Reliance Model #CM2334T
 10. Variable Speed Drivers; Model #ACH550-VD-045A-4+F267 (2 total)
 11. Chill Water Pump/Motor; 7.5 hp. Valley/Century Model # 73060
 12. Chill Water Pump/Motor; 15h hp. Valley/Lincoln CCF4B15T61AP21
 13. Chill Water Pump/Motor; 15 hp. Bell & Gossett
 14. Variable Speed Drive; Model # AF300FU6KF11H02341A1(1 total)
 15. Hot Water Pump/Motor; 3 hp. Bell & Gossett (1 total)
 16. Hot Water Pump/Motor; 7.5 hp. Bell & Gossett (1 total)
 17. Hot Water Pump/Motor; 10 hp. Bell & Gossett (1 total)
 18. RBI Domestic Water Boilers; Model CW 1000 (2 total) Detention Facility
 19. Exhaust Fans (40-50 total) Detention Facility
4. List of maintained equipment at Annex I
1. Multi-stack Chillers 90 tons; (360-ton total)
 2. Cooling Tower; Marley NC Class Model # NC8306F1SG 1-CELL (1 total)
 3. Cooling Tower Motor; 25 hp. Marley (1 total)
 4. Gear-Reducer; Marley 2200 (1 total)
 5. Hydrotherm Mechanical Low Pressure Boiler Model #KN-20
 6. Square "D" Variable Speed Drives (4 total)
 7. 2 hp. Boiler Pumps, Bell & Gossett
 8. 5 hp. Circulating Pump, Bell & Gossett (1 total)
 9. Chill/Hot Water Feed Pumps/Motors; 5hp. U. S. Electrical (Fan coil unit) (3 total)
 10. Primary Chill Water Pump/Motor; 15 hp. Armstrong/Westinghouse Model# AE HH-8N
 11. Chill Water Pump/Motor; 25 hp. Armstrong/Westinghouse Model #AE HH-8N
 12. Condenser Pump/Motor; 30hp. Armstrong/Baldor Model# VM2535T-NRC
 13. AHU#9 Temtrol Unit Model WF- DH104 (1 total)
 14. Data-Aire Units; Model #DARC-1132 (3 total)

15. Data- Aire Condenser Fan Motor, ¾ hp.
 16. AHU-4E-T-Series Climate Changer Unit Model:
TSCB021U0F00000000BC00A267.2 Unit Serial: K08J02294A (1 total)
 17. AHU-4W-T-Series Climate Changer Unit Model:
TSCB025UFO00000000BC00A267.2 Unit Serial: K08J02294A (1 total)
 18. Enviro-Tec Single-Duct VAV Terminals/Models SDR & SOL
(123 total)
 19. Sanyo Spilt System Model # C4272R
 20. Sanyo Spilt System Model # CH1S72
 21. Sanyo Spilt System Model # CH0971
 22. Panasonic Model # U-42P516
 23. Domestic Water Boilers; Model IEW-199-N (2 total)
5. List of maintained equipment at Annex II
1. Hot Water Boiler; Lochinvar; Cooper Fin II; Model CHN0990 (1 total)
 2. Air-Handler Units; M-Series Trane/Model MCCB006UAOAOUE (6 total)
 3. Air-Handler Motors; 10 hp. (6 total)
 4. Roof top Condensing Units; 7 ½ ton; Model 2TT A0072; Trane (8 total)
 5. Packaged Heat Pump. 7-1/2 ton; Model WSC090A; Trane (1 total)
 6. Split System Heat-Pump; 4 ton. (1 total)
6. List of maintained equipment at Annex III
1. Evapco Evaporative Cooler; Model ESWA-102-34J (1 total)
 2. Evaporative Cooler Motor, 15 hp. 2-speed. (1 total)
 3. Precision Electric Boilers, PCW1-120B-208-160 (2 each)
 4. Pentair Water Centrifugal AURORA pumps (2 total)
 5. EMERSON 10 hp. Motors (2 total)
 6. TRANE Rooftop Packaged Heat Pump Units, 1-1 1/2-10 ton, R~221R-41OA (16 total)
 7. TRANE Water Source Heat Pump Units, ½ -5 ton, R-22 (46 total)
 8. TRANE Console Water Source Heat Pump Units, ½-1ton, R-22 (8 total)
 9. AAON 6Ton, 100% outside Air Unit; RQ-006-2-V-EB-0912A (1 total)
7. List of maintained equipment at Montgomery County Youth Facility: W.A.I.T Program Trailer, Camp Davis (All Buildings), Administration Trailers, Dorough Facility Court Annex and Offices (Mobile Units)
1. Air Conditioning Units
 2. Air Handling Units
 3. Exhaust Fans (40 total)
 4. Fan Coil Units (34 total)
 5. Filters
 6. Water Treatment
 7. Electric Duct Heaters (4 total)
 8. Supply Air Fans (6 total)

9. Kitchen Supply Fan (1 total)
 10. Kitchen Hood Exhaust Fan (1 total)
8. The following systems are part of the Water Treatment Program and will be the service company's responsibility monthly.
1. Chiller/Boiler Mechanical Room at Courthouse and Detention Facility.
 - a. Cooling Towers; EVAPCO USS 19-912 (2 total)
 - b. Chill/Hot water system (loops)
 2. Chiller/Boiler Mechanical Room at Annex I
 - a. Cooling Tower, Marley NC Class NC8306F1SG 1-cell (1 total)
 - b. Chill/Hot water system (loops)
 3. Penthouse Mechanical Room and Roof at Annex III
 - a. EVAPCO Evaporative Cooler Model ESWA-102~34J
 - b. Chill/Hot water system (loops)
 4. Chiller/Broiler Mechanical Room at Montgomery County Youth Facility
 - a. Cooling Tower SPX Marley – Model #21122 (1 total)
 - b. Chill/Hot water system (loops)
9. List of maintained equipment at Probate West
1. 208/230 3Ø HP-1
 - a. Indoor Unit: Model# F1EH180A33A/ Serial # NLHS008038
Electric Heater Model # CBK/Tag# WKEU5003-180/ Serial # NEJM060399
 - b. Outdoor Unit: Model#E1FB180A25A/ Serial#NEJM060399
 2. 208/230 3Ø HP-2
 - a. Indoor Unit: Model# FB4CNF060/ Serial# 1711A86959
Electric Heater
 - b. Outdoor Unit: Model#25HBC360A600/ Serial# 1811E10114
 3. 208/230 3Ø HP-3
 - a. Indoor Unit: Model# N1AHC1606A/ Serial# EFJS144230
Electric Heat- Model# 2HK16501506 B
 - b. Outdoor Unit: Model# E1RA036S25 A/ Serial # WEJP213392
10. List of maintained equipment at Probate South
1. RTU #1 208/230 3Ø Gas Heat 250,000 BTU
Model# YHD180G3RLA04H6COA1BOB/ Serial # 160410879D
 2. RTU #2 208/230 3Ø Gas Heat
Model # YHC060E3RHAIRHOCOA1BOB/ Serial #160612244L
 3. RTU #3208/230 3Ø Gas Heat
Model# YHCO72E3RHAIRHOCOA1BOB/ Serial # 160612245L
 4. DHP-A (Server Room Unit)
 - a. Indoor Unit: Model # PKA-A18HA6/ Serial # XA05308A
 - b. Outdoor Unit: Model# PUZ-A18NHA6/ Serial # 4402010C

11. List of maintained equipment at Probate East

1. RTU #1 208/230 3Ø 3 Ton R410A
Model# WSCO36E3EA17BOC1A1B00000/ Serial # 13081000005L
Electric Heat- Model# BAYHTRE312BA
2. RTU #2 208/230 3Ø R-22
Model # 50TFF008-A-511/ Serial #2502G40756
Electric Heat- Model # CRHEATER 012A00
3. RTU #3 208/230 3Ø R-410A
Model# WSCO9OE3RKAODBCA1B00000 D/ Serial # 130810064L
4. RTU-4 208/230 3Ø R-22
Model# 50TFF008-A-511/ Serial # 2582G4A0755
Electric Heat- Model# CRHEATER012A00

Equipment Not Included

1. Maintenance services, including repair labor and parts replacement, for portions of the systems and equipment that are non-maintainable, non-moving are not required nor included as part of these specifications.
2. Excluded items shall be considered as: foundations, structural supports, domestic water lines, drains, plumbing, oil lines, piping, oil storage tanks, air handling duct work, boiler shell and refractory, etc.

The County assumes that the systems being quoted upon are in a maintainable condition. During initial inspections of equipment, the Service Company shall indicate in bid any repairs that are required, a firm quotation will be submitted for County's approval. Should County not authorize the repairs or services, Contractor may either remove the unacceptable system(s), component(s), or part(s) from its scope of responsibility or adjust the monthly rate accordingly. If no repairs are indicated, the Service Company will accept system(s), component(s), or part(s) as maintainable as per contract.

BID FORM

Item No.	Location	Monthly Cost
1.	Phelp and Price Judicial Center 251 South Lawrence Street, Montgomery, AL	\$ _____
2.	Montgomery County Commission Courthouse Annex I 100 South Lawrence Street, Montgomery, AL	\$ _____
3.	Montgomery County Commission Courthouse Annex II 125 Washington Avenue, Montgomery, AL	\$ _____
4.	Montgomery County Commission Courthouse Annex III 101 South Lawrence Street, Montgomery, AL	\$ _____
5.	Montgomery County Commission Detention Facility 250 South McDonough Street, Montgomery, AL	\$ _____
6.	Mac Sim Butler Detention Facility 225 South McDonough Street, Montgomery, AL	\$ _____
7.	Montgomery County Youth Facility 1111 Air Base Boulevard, Montgomery, AL	\$ _____
8.	Montgomery County Probate West 3075 Mobile Highway, Montgomery, AL	\$ _____
9.	Montgomery County Probate South 2425 McGehee Road, Montgomery, AL	\$ _____
10.	Montgomery County Probate East 5449 Atlanta Highway, Montgomery, AL	\$ _____

Total annual cost to be paid monthly \$ _____

REFERENCE LIST

This reference list shall be completed and attached to the bid form when submitted to the Purchasing Office. Bids received without this completed reference list, will be disqualified.

List three (3) references within the state of Alabama that your company currently has a HVAC contracts that exceeds of \$75,000.00 annually.

1.		
	Company's Name	Address
	Name of Contact Person/Title	Service Contract No.
	Phone Number	Email Address
	Initial Contract Date (Month/Year)	Tonnage of Refrigeration System Maintained
2.		
	Company's Name	Address
	Name of Contact Person/Title	Service Contract No.
	Phone Number	Email Address
	Initial Contract Date (Month/Year)	Tonnage of Refrigeration System Maintained
3.		
	Company's Name	Address
	Name of Contact Person/Title	Service Contract No.
	Phone Number	Email Address
	Initial Contract Date (Month/Year)	Tonnage of Refrigeration System Maintained

Please complete this form and return it with your bid proposal. Should you choose not to bid at this time, please complete this form and forward back to our office as soon as possible. It is necessary that you check all categories that apply to your company.

Vendor Name: _____

Address: _____

Email Address: _____

Phone Number: _____

Fax Number: _____

Is the Company Minority Owned: _____ Yes _____ No

Is the Company Veteran Owned: _____ Yes _____ No

Is the Company Disadvantaged Owned: _____ Yes _____ No

Is the Company Owned By: _____ Female _____ Male _____ Both

Is the Company Incorporated: _____ Yes _____ No

Ethnicity of Ownership:

_____ African American

_____ American Indian

_____ Asian American

_____ Disabled

_____ Hispanic

_____ Other (Please Specify) _____

Official Signature

Printed Name and Title

Date: _____

RESPONSE FORM TO BE ATTACHED TO BID

Company Name _____

Federal I.D. # _____

Mailing Address _____

Phone Number _____

Email Address _____

Quote F.O.B. _____

Terms of Payment _____

Delivery Date _____

Official Signature

Printed Name and Title